

कार्य का नाम: डिब्रूगढ़ एयरपोर्ट पर भा.वि.प्रा.आवासीय कॉलोनी में बच्चों के पार्क का विकास (उप-शीर्षक: डिब्रूगढ़ एयरपोर्ट पर बच्चों के पार्क का रीडेवलपमेंट, आउटडोर जिम, रनिंग ट्रैक फ्लोरिंग, बैडमिंटन कोर्ट फ्लोरिंग)

Name of work: Development of Children's park in AAI Residential Colony at Dibrugarh Airport. (SH: Redevelopment of Children's park, Outdoor gym, Running Track Flooring, Badminton Court Flooring at Dibrugarh Airport)



निविदा दस्तावेज
TENDER DOCUMENT

बोली प्रबंधक/Bid Manager

जीशान अली अंसारी, वरिष्ठ प्रबंधक (इंजीनियरिंग-सिविल)

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**ई-निविदा संदर्भ संख्या /E-Bid Ref. No.: AAI/DIB/Engg.-Civil/Maint-I/ Children park
/26-27**

निविदा आईडी /Tender ID: 2026_AAI_284342_1

**भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA
इंजीनियरिंग-सिविल
ENGINEERING WING
डिब्रूगढ़ हवाई अड्डा
DIBRUGARH AIRPORT**



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

कार्य का नाम: डिब्रूगढ़ एयरपोर्ट पर भा.वि.प्रा.आवासीय कॉलोनी में बच्चों के पार्क का विकास (उप-शीर्षक: डिब्रूगढ़ एयरपोर्ट पर बच्चों के पार्क का रीडेवलपमेंट, आउटडोर जिम, रनिंग ट्रैक फ्लोरिंग, बैडमिंटन कोर्ट फ्लोरिंग)

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यह प्रमाणित किया जाता है कि निविदा दस्तावेज में केवल पृष्ठ 01-323 पृष्ठ हैं

Certified that Tender Document contains pages 01-323 pages only.



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

निविदाकर्ता के लिए सामान्य निर्देश और दिशानिर्देश
General Instructions and Guidelines to the Tenderer

ई-निविदा के लिए बोलीदाता के लिए पहला महत्वपूर्ण कदम/ First Important Step to Bidder for e-tender:

(सीपीपी ई-प्रोक्योरमेंट पोर्टल संदर्भ: <https://etenders.gov.in/eprocure/app>)

(CPP e-Procurement portal reference: <https://etenders.gov.in/eprocure/app>)

बोलीदाताओं को सीपीपी के ई-टेंडर पोर्टल में दिए गए बोलीदाताओं को दिए गए निर्देशों को पढ़ना होगा और इसके लिए तत्काल कदम उठाने होंगे:

Bidders have to read the instructions to the bidders given in the e-tender portal of CPP and take immediate steps for:

- निविदा में भाग लेने के लिए बोली के लिए पंजीकरण करें.
Register for bid to participate in tendering.
- पहले से डिजिटल हस्ताक्षर प्राप्त करें जिसमें न्यूनतम 24 से 30 घंटे लगते हैं.
Obtain digital signature well in advance which takes minimum 24 to 30 hours.
- सीपीपी के ई-प्रोक्योरमेंट पोर्टल के बोलीदाताओं के निर्देश प्रमुख के तहत दिए गए निर्देश के अनुसार अपने पीसी में सभी आवश्यक सॉफ्टवेयर की उपलब्धता सुनिश्चित करें।
Make sure availability of all required software in your PC as instructed under bidders' instruction head of e-procurement portal of CPP.

निविदा दस्तावेजों पर पत्राचार/Correspondence on tender documents:

- निविदा दस्तावेज: संभावित बोलीदाता सीपीपी के ई-प्रोक्योरमेंट पोर्टल से ऑनलाइन निविदा दस्तावेज डाउनलोड करेगा और सीपीपी ई-टेंडर पोर्टल पर डिजिटल रूप से हस्ताक्षरित संपूर्ण निविदा दस्तावेज अपलोड करेगा। इसके अलावा, जब भी निविदा दस्तावेजों में निविदाकर्ता हस्ताक्षर निर्धारित किए जाते हैं, तो उन्हें अपने हस्ताक्षर करने होंगे और उसी की स्कैन प्रतियां अपलोड करनी होंगी।

Tender Document: The prospective bidder shall download the tender documents on-line from CPP's e-Procurement portal and upload digitally signed entire tender document on CPP e-tender portal. Besides, whenever tenderer signatures are earmarked in the tender documents shall put his signature and upload scan copies of the same.

- निविदा दस्तावेज में संशोधन: किसी भी समय, बोली जमा करने की निर्धारित तारीख से पहले, एआई यदि इस निविदा के किसी भी हिस्से को संशोधित करना या इस निविदा के प्रावधानों की व्याख्या को स्पष्ट करने के लिए अतिरिक्त तारीख जारी करना उचित समझता है, तो वह इस निविदा के लिए परिशिष्ट/शुद्धिपत्र जारी कर सकता है। ऐसा कोई परिशिष्ट/शुद्धिपत्र इस निविदा में इस संदर्भ द्वारा शामिल किया गया माना जाएगा और बोलीलगाने वालों के लिए बाध्यकारी होगा। परिशिष्ट/शुद्धिपत्र केवल सीपीपी की वेबसाइट/पोर्टल के माध्यम से अधिसूचित किया जाएगा। **Amendment to Tender Document:** At any time, prior to scheduled date of submission of bids, AAI if it deems appropriate to revise any part of this tender or to issue additional date to clarify the interpretation of provisions of this tender, it may issue addendum/corrigendum to this tender. Any such Addendum/Corrigendum shall be deemed to be incorporated by this reference into this tender and binding on the bidders. Addendum/Corrigendum will be notified through CPP's Website/Portal only



- c) निविदा दस्तावेज के स्पष्टीकरण: बोलीदाता, निविदा दस्तावेज के किसी भी स्पष्टीकरण की आवश्यकता के साथ, 24.07.2026 को या उससे पहले 1800 बजे तक सीपीपी की वेबसाइट/ पोर्टल के प्रावधान के माध्यम से अपने प्रश्न, यदि कोई हो, प्रस्तुत कर सकता है।
- d) एएआई द्वारा प्रश्नों के उत्तर सीपीपी के ई-प्रोक्योरमेंट पोर्टल के माध्यम से अपलोड किए जाएंगे। बोलीदाताओं को सलाह दी जाती है कि वे नियमित रूप से सीपीपी की वेबसाइट/पोर्टल पर जाएं।

Clarifications of Tender Document: Bidder, requiring any clarifications of the tender document, may submit their queries, if any, through provision of CPP's Website/Portal on or before 24.07.2026 up to 1800 hrs. Replies to queries by AAI will be uploaded through CPP's e-Procurement portal. The bidders are advised to visit CPP's Website/Portal regularly

- e) निविदाएं खोलने के बाद निविदाकार से कोई पत्राचार नहीं किया जाएगा, सिवाय इसके कि यदि आवश्यक हो तो एएआई द्वारा किसी स्पष्टीकरण के लिए पूछा जाए।

No correspondence shall be entertained from the tenderer after opening of tenders, other than asked by AAI for any clarifications if require

रखरखाव-I



ई-निविदा आमंत्रण सूचना (2 बीओटी - 2 लिफाफा खुली निविदा)
NOTICE INVITING e-TENDER (2 BOT- 2 Envelope Open Tender)

संदर्भ संख्या : भा.वि.प्रा./डिब्रूगढ़/ई.-सि./ रखरखाव-I/ बच्चों के पार्क /26-27

तिथि: 17.07.2026

Ref No. AAI/DIB/Engg.-Civil/Maint-I/ Children park /26-27

Date: 17.07.2026

निविदा आईडी: 2026_AAI_284342_1

Tender ID: 2026_AAI_284342_1

अध्यक्ष, भा.वि.प्रा की ओर से वरिष्ठ प्रबंधक (इंजी-सिविल)-I, भारतीय विमानपत्तन प्राधिकरण, डिब्रूगढ़ हवाईअड्डा, डिब्रूगढ़ - 786012, दूरभाष: 9784098810 के द्वारा ई-टेंडरिंग पोर्टल के माध्यम से रुपये 1,27,56,050.00/- (जीएसटी को छोड़कर) की अनुमानित लागत पर कार्य “डिब्रूगढ़ एयरपोर्ट पर भा.वि.प्रा.आवासीय कॉलोनी में बच्चों के पार्क का विकास (उप-शीर्षक: डिब्रूगढ़ एयरपोर्ट पर बच्चों के पार्क का रीडेवलपमेंट, आउटडोर जिम, रनिंग ट्रैक फ्लोरिंग, बैडमिंटन कोर्ट फ्लोरिंग)” कार्य हेतु योग्य ठेकेदारों से मद दर ई-निविदाएं आमंत्रित की जाती हैं, जिसकी कार्य पूर्णता अवधि 06 महीने की है जिसमें बारिश के लिए 01 महीना माना गया है।

Item Rate e-tenders are invited through the e-tendering CPP Portal by **Senior Manager (Engg-Civil) -I, AAI, Dibrugarh Airport, Assam – 786012, mobile No. 9784098810** on behalf of Chairman, AAI from the **eligible contractors** for the work of “**Development of Children’s park in AAI Residential Colony at Dibrugarh Airport. (SH: Redevelopment of Children’s park, Outdoor gym, Running Track Flooring, Badminton Court Flooring at Dibrugarh Airport).**” at an estimated cost of **Rs. 1,27,56,050.00** excluding GST with completion period of **06 months including One month considered for rain.**

ई-पोर्टल यूआरएल पते <https://etenders.gov.in/eprocure/app> अथवा www.aai.aero पर निविदा प्रक्रिया ऑनलाइन है। संभावित निविदाकार निविदा दस्तावेज को डाउनलोड कर देख सकते हैं।

The tendering process is online at CPP-portal URL address <https://etenders.gov.in/eprocure/app> or www.aai.aero. Prospective Tenderers may download and go through the tender document.

संभावित निविदाकारों को परामर्श दिया जाता है कि वे सीपीपी पोर्टल पर अपना पंजीकरण करवाएं, 'लॉगइन आई डी' और 'पासवर्ड' प्राप्त करें तथा सीपीपी पोर्टल <https://etenders.gov.in/eprocure/app> अथवा www.aai.aero पर लॉगइन करने के बाद होम पेज में उपलब्ध निर्देशों को देखें। साथ ही साथ उन्हें डिजिटल सिग्नेचर सर्टिफिकेट (डीएससी) भी प्राप्त करना होगा, जो अनिवार्य रूप से उनके आवेदन जमा करने के लिए आवश्यक है। इस प्रक्रिया में आमतौर पर 03 दिन का समय लगता है। निविदाकार aai.aero/tender/e-tender/help desk support नामक साइट के माध्यम से भा.वि.प्रा हैल्प डेस्क सपोर्ट से भी मार्गदर्शन प्राप्त कर सकते हैं।

Prospective Tenderers are advised to register themselves at CPP-portal, obtain ‘Login ID’ and ‘Password’ and go through the instructions available in the Home Page after login to the CPP-portal <https://etenders.gov.in/eprocure/app> or www.aai.aero. They should also obtain Digital



Signature Certificate (DSC) in parallel which is essentially required for submission of their application. The process normally takes 03 days' time. The tenderer may also take guidance from AAI Help Desk Support through [pathaai.aero/tender/e-tender/help desk support](http://pathaai.aero/tender/e-tender/help%20desk%20support).

- (i) किसी भी तकनीकी संबंधित प्रश्न के लिए कृपया हेल्पडेस्क पर कॉल करें। 24x7 हेल्प डेस्क का विवरण

नीचे दिया गया है: -

For any technical related queries please call the Helpdesk. The 24 x 7 Help Desk details are as below: -

दूरभाष: 0120-4001002, 0120-4001005, 0120-6277787 ई-मेल: support-eproc@nic.in

Tel: 0120-4001002, 0120-4001005, 0120-6277787 E-mail: support-eproc@nic.in

अंतर्राष्ट्रीय बोलीदाताओं से अनुरोध है कि वे देश कोड के रूप में 91 पहले से तय कर लें।

International bidders are requested to pre-fix 91 as country code.

निविदाकर्ताओं से अनुरोध है कि कृपया किसी भी मुद्दे को ईमेल करते समय संपर्क विवरण के साथ पोर्टल के यूआरएल और निविदा आईडी का उल्लेख करें।

Tenderers are requested to mention the URL of the Portal and Tender ID in the subject while emailing any issue along with the contact details.

प्रश्न प्रस्तुत करने से पहले, बोलीदाताओं से अनुरोध है कि वे "बोलीदाताओं के लिए दिशानिर्देश" में दिए गए निर्देशों का पालन करें और अपने कंप्यूटर सिस्टम को "सीपीपीपी के लिए सिस्टम सेटिंग्स" पर पोर्टल में निर्दिष्ट अनुशंसित सेटिंग्स के अनुसार कॉन्फिगर करें।

Before submitting queries, bidders are requested to follow the instruction given in "Guidelines to Bidders" and get their computer system configured according to the recommended settings as specified in the portal at "System Settings for CPPP".

- (ii) सीपीपीपी पोर्टल के कामकाज के संबंध में किसी और तकनीकी सहायता के लिए निविदाकर्ता निम्नलिखित एएआई हेल्प डेस्क नंबरों पर सभी कार्य दिवसों के बीच ही संपर्क कर सकता है। For any further technical assistance with regard to functioning of CPP portal the tenderer may contact to the following AAI help desk numbers on all working daysonly between



Sl. No.	Support Persons	Escalation Matrix	E-mail Address	Contract Numbers	Timings*
1	Technical Help Desk Team	Instant Support	eprochelp@aai.aero	011-24632950 Ext. 3512	0800-2000 Hrs. (MON SAT)
2	JE (IT)	After 4 Hrs. of Issue	etendersupport@aai.aero or vaibhav_g@aai.aero	011-24632950 Ext. 3523	0930-1800 Hrs. (MON – FRI)
3	Sr. Manager (IT)	After 12 Hrs.	shripatim@aai.aero	011-24632950 Ext. 3509	0930-1800 Hrs. (MON – FRI)
4	Jt. GM (IT)	After 24 Hrs.	Sunil.km@aai.aero	011-24632950 Ext. 3506	0930-1800 Hrs. (MON – FRI)
5	General Manager (IT)	After 03 Days.	gmit@aai.aero	011-24657900	0930-1800 Hrs. (MON – FRI)

*हेल्प डेस्क सेवाएं सभी सरकारी राजपत्रित छुट्टियाँ में बंद रहेंगी।

*The help desk services shall remain closed on all Govt. Gazetted Holidays.

टेंडर प्रोसेसिंग फीस रु. 1180/- (i/c GST), गैर-वापसी योग्य केवल सी पी पी पोर्टल पर ऑनलाइन भुगतान करना होगा।

Tender processing fee of Rs.1180.00 (i/c GST) non-refundable will be required to be paid online on CPP portal only.

रु. 3,82,682/- की बयाना जमा राशि (ईएमडी) का भुगतान केवल सीपीपी पोर्टल पर ऑनलाइन करना होगा

Earnest Money Deposit (EMD) of ₹ 3,82,682/- will be required to be paid on-line on CPP portal only.

- निम्नलिखित अनुसूची के अनुसार निविदाकार द्वारा सीपीपी पोर्टल पर ऑनलाइन माध्यम से निम्नलिखित 02 (दो) लिफाफे जमा किए जाएंगे: -

Following 2 envelopes shall be submitted through online at CPP-portal by the tenderers as per the following schedule: -

क्रिटिकल डाटा शीट/CRITICAL DATA SHEET

प्रकाशित तिथि/ Publishing Date	17.07.2026 at 1800 hrs.
बोली दस्तावेज डाउनलोड/ Bid Document Download / बिक्री प्रारंभ तिथि /Sale Start Date	17.07.2026 at 1800 hrs.
स्पष्टीकरण प्रारंभ की तिथि /Clarification Start Date	17.07.2026 at 1800 hrs.
स्पष्टीकरण समाप्ति की तिथि /Clarification End Date	24.07.2026 at 1800 hrs.
बिड जमा करने की प्रारंभ तिथि / Bid Submission Start Date	17.07.2026 at 1800 hrs.



बिड जमा करने की अंतिम तिथि / Bid Submission End Date	07.08.2026 at 1800 hrs.
बिड खोलने की तिथि (लिफाफा-I)/(Bid Opening Date (Envelope- I)	10.08.2026 at 1200 hrs.
बिड खोलने की तिथि (लिफाफा-II)/(Bid Opening Date (Envelope- II)	Tentative 11.08.2026 at 1030 hrs. or to be intimated later

टिप्पणी /Note:

- यदि बोलीदाता के पास कार्य के बोली दस्तावेज से संबंधित कोई प्रश्न है, तो वे स्पष्टीकरण मांगने के लिए सीपीपी पोर्टल पर 'सीक क्लैरिफिकेशन' का उपयोग करना चाहिए। का कोई अन्य साधन नहीं इस संबंध में संचार पर विचार किया जाएगा/
If the bidder has any query related to the Bid Document of the work, they should use 'Seek Clarification' on CPP portal to seek clarifications. No other means of communication in this regard shall be entertained.
- किसी भी परिस्थिति में बोली प्रक्रिया संबंधी प्रश्न, स्वतंत्र बाहरी मॉनिटर (आईईएम) को संदर्भित नहीं किया जाएगा/ Under no circumstances bid procedure related queries shall be referred to the Independent External Monitors (IEMs).

लिफाफा-I (ईएमडी, यदि सीपीपी पोर्टल पर ऑनलाइन भुगतान नहीं किया गया है, तकनीकी बोली और पूर्व-योग्यता): - निम्नलिखित युक्त बोली

A. तकनीकी बोली में निम्न होना चाहिए :-

Technical Bid containing the following: -

a. निविदा प्रसंस्करण शुल्क घोषणा /Tender processing fee declaration:

- निविदा शुल्क के लिए सीपीपी पोर्टल में भुगतान गेटवे के माध्यम से ऑनलाइन भुगतान का प्रमाण
Proof of online payment through payment gateway in CPP Portal for Tender fee.
- ईएमडी के लिए सीपीपी पोर्टल में भुगतान गेटवे के माध्यम से ऑनलाइन भुगतान का प्रमाण
Proof of online payment through payment gateway in CPP Portal for EMD.

b. Technical Bid containing the following:

- बोलीदाता के लेटर हेड पर निविदा स्वीकृति पत्र की स्कैन की गई प्रति (अनुलग्नक-I)।
Scanned copy of Tender Acceptance Letter on Bidder's Letter Head (Annexure-I)
- स्थायी खाता संख्या (पैन) और जीएसटी पंजीकरण संख्या की स्कैन की गई प्रति।
Scanned copy of Permanent Account Number (PAN) and GST Registration Number.
- बोलीदाता के लेटर हेड पर ब्लैकलिस्टिंग/डिबारमेंट के संबंध में 'अंडरटेकिंग' की स्कैन कॉपी।(अनुलग्नक-VII)।
Scanned copy of 'Undertaking' regarding Blacklisting /Debarment on company's letter head (Annexure-VII)
- फॉर्म-ए की स्कैन की गई कॉपी - क्लाइंट द्वारा जारी किए गए पूर्णता प्रमाण पत्र के साथ पिछले सात के दौरान पूरे किए गए समान कार्यों का विवरण (अनुलग्नक-II)।
Scanned copy of Form- A - details of similar works completed during last seven with supported with completion certificate issued by client (Annexure-II).
- फॉर्म-बी की स्कैन कॉपी - वित्तीय जानकारी (अनुलग्नक-III)।
Scanned copy of Form- B - Financial Information. (Annexure-III)
- फॉर्म-सी की स्कैन की गई कॉपी - नेट वर्थ (अनुलग्नक-IV)।
Scanned copy of Form- C – Net Worth. (Annexure-IV)



- (vii) बोलीदाता को कंपनी के लेटर हेड पर 'अंडरटेकिंग' की स्कैन की हुई प्रति प्रस्तुत करनी होगी कि मैं/हम समय अवधि के भीतर लक्ष्य/उपलब्धियां प्राप्त करने और समग्र रूप से कार्य पूरा करने के लिए प्रभारी अभियंता (ई-आई-सी) के परामर्श से कार्य की आवश्यकता के अनुसार पर्याप्त संयंत्र और मशीनरी तैनात करेंगे (अनुलग्नक-VIII के अनुसार)।

Bidder shall submit scanned copy of 'Undertaking' on Company's Letter Head that I/ We will deploy sufficient plant and machinery as per the requirement of work in consultation with the Engineer-in-Charge (E-I-C) to achieve the milestones/targets and overall completion within the time period. (Annexure VIII).

- (viii) प्रोपराइटी फर्म के अलावा अन्य बोलीदाताओं को कंपनी अधिनियम के तहत कंपनी के निगमन के प्रमाण पत्र की प्रति के साथ प्राधिकरण पत्र/पावर ऑफ अटॉर्नी की स्कैन कॉपी जमा करनी होगी, जिसमें सीआईएन/एलएलपिन/कंपनी के निदेशकों का नाम और असाइन करने के लिए प्राधिकरण के संबंध में बोर्ड के संकल्प की प्रति शामिल होगी। पावर ऑफ अटॉर्नी

प्रोपराइटी फर्म प्राधिकरण पत्र/पावर ऑफ अटॉर्नी की स्कैन कॉपी तभी जमा करेगी जब टेंडर प्रोपराइटी के अलावा किसी अन्य व्यक्ति द्वारा प्रोसेस किया गया हो।

Companies other than propriety firm shall submit, scanned copy of Authorization letter/power of attorney along with copy of certificate of incorporation of the company under companies Act showing CIN/LLPIN/name of Directors of the company & copy of Board resolution regarding Authority to assign Power of Attorney.

Proprietary firm shall submit scanned copy of Authorization letter/power of Attorney only if the tender is processed by a person other than proprietor.

- (ix) पीक्यू प्रोफार्मा विधिवत भरा हुआ।

Pre-qualification Performa duly filled. (**Page A-19 to Page A-26**)

- (x) जनरल फाइनेंशियल रूल्स (GFRs)-2017 के नियम 144(xi) के तहत प्रतिबंधों से जुड़े आदेश का पालन करने के लिए बोली लगाने वाले के घोषणा-पत्र (परफॉर्मा) की विधिवत हस्ताक्षरित प्रति

Duly signed copy of Performa for declaration by Bidder for compliance of order on Restriction under Rule 144(xi) of the General Financial Rules (GFRs)-2017

A. निम्नलिखित युक्त ठेकेदारों/निविदाकारों की योग्यता संबंधी आवश्यकताएं

Qualifying requirements of Tenderers containing the following:

जिस महीने में टेन्डर बुलाया गया उससे एक महीने पहले के अंतिम दिन को समाप्त पिछले सात वर्षों के दौरान कोई भी सिविल कार्य के समान कार्य में केवल एकल के अनुबंध में तीन कार्य, प्रति कार्य 51,02,420/- (जीएसटी को छोड़कर) रुपये के या दो कार्य, प्रति कार्य 63,78,025/- (जीएसटी को छोड़कर) रुपये के या 1,02,04,840 /- (जीएसटी को छोड़कर) रुपये का एक कार्य संतोषजनक ढंग या पर्याप्त पूर्णता ढंग से पूरे किए गए होने चाहिए | (# किसी अनुबंध में कार्य क्षेत्र का चरण / भाग पूरा होने पर विचार नहीं किया जाएगा तथापि, काम की पूर्व - निर्धारित फेजिंग (phasing) को स्वीकार किया जाएगा) पिछले सात वर्षों के दौरान पूर्ण किए गए समान कार्यों का विवरण दिए गए प्रारूप- फॉर्म-ए में ग्राहक द्वारा जारी किए गए सहायक दस्तावेजों के साथ।

Should have successfully completed or substantially completed (# Phase/Part completion of the scope of work in a contract shall not be considered, **however pre-determined phasing of the work will be accepted**) three works, each of ₹ 51,02,420.00 or two works, each of ₹ 63,78,025.00 or one work of ₹ 1,02,04,840.00 in single contract of Similar work of **Any Civil works** during last seven years ending last day of month previous to the one in which tenders are invited.

The details of similar works completed during last seven years in the given format-**Form-A** with supporting documents issued by client.

**टिप्पणी/ Note:**

- a. जीएसटी से पहले पूरे किए गए कार्यों के अनुभव प्रमाण पत्र, पूर्णता राशि को 1.12 (पूर्व जीएसटी करों को छोड़कर) से विभाजित किया जाएगा ताकि इसे जीएसटी के बाद के अनुभव प्रमाण पत्र के बराबर बनाया जा सके लेकिन जीएसटी को छोड़कर।

The Experience Certificates of works completed pre-GST era, Completion amount will be divided by 1.12 (to exclude pre-GST taxes) to make it at par with experience certificates of post GST era but excluding GST.

- b. ओ एंड एम / एएमसी / सीएमसी कार्यों के लिए वार्षिक दर अनुबंधों के लिए आमंत्रित निविदाएं, कार्य अनुभव को एएमसी का एक वर्ष पूरा करने वाली एजेंसी को पूर्व-अर्हता प्राप्त करने के लिए प्रो-राटा आधार पर एक वर्ष के लिए काम के मूल्य के लिए गिना जा सकता है लेकिन काम अभी भी बाकी है एएमसी की लंबी अवधि के कारण पूरा नहीं हुआ।

The Tenders invited for Annual Rate Contracts for O&M/ AMC/ CMC works, the works experience may be counted for the value of work for a completed one year on pro-rata basis to prequalify agency that has completed one year of AMC but work is still not completed due to longer period of AMC.

- c. बैक-टू-बैक अनुबंध/उप-अनुबंध के आधार पर कार्य निष्पादित करके प्राप्त अनुभव निम्नलिखित शर्तों में स्वीकार्य है
Experience gained by executing work on back-to-back contract/ Sub-contract basis is acceptable in the following conditions:

- i.) कार्य वास्तव में दूसरी एजेंसी (उप-ठेकेदार) द्वारा मालिक की सहमति के साथ त्रिपक्षीय समझौते / लिखित अनुमोदन के रूप में निष्पादित किया जाना चाहिए। यह वैध समझौते और अनुभव प्रमाण पत्र द्वारा समर्थित होना चाहिए।

Work should be actually executed by the second agency (sub-contractor) with due concurrence of the owner as tripartite agreement/ written approval. It should be backed by valid agreement and experience certificate.

- ii) दूसरी एजेंसी द्वारा प्राप्त भुगतान टीडीएस प्रमाणपत्रों में परिलक्षित होना चाहिए

Payments received by second agency should be reflected in TDS certificates.

- d. कार्यों की विशिष्ट प्रकृति के लिए संयुक्त कार्यों में प्राप्त अनुभव (एएआई वर्क्स मैनुअल के पैरा 35.3 में विशिष्ट वस्तुओं / नौकरियों / कार्यों की सूची का उल्लेख किया गया है) मुख्य ठेकेदार द्वारा या तो इन-हाउस विशेषज्ञता और अनुभव द्वारा या विशेष एजेंसियों को शामिल करके निष्पादित किया गया था। अनुबंध की शर्तों के अनुसार मुख्य ग्राहक की स्वीकृति। ऐसे मामलों में, मुख्य ठेकेदार के साथ-साथ विशेष एजेंसी दोनों को अपने संबंधित क्लाइंट (ग्राहकों) से एक ही काम के लिए अनुभव प्रमाण पत्र प्राप्त होता है, यानी कंपोजिट काम के लिए मुख्य ठेकेदार के साथ-साथ मालिक और विशेष एजेंसी से विशेष कार्य के लिए विशेष एजेंसी से। मुख्य ठेकेदार।

Experience gained in composite works for the specialized nature of works (List of Specialized Items / Jobs/ Works are mentioned at Para 35.3 of AAI Works Manual) were executed by main contractor either by in-house expertise & experience or by engaging the specialized agencies with the approval of main client as per contract conditions. In such cases, main contractor as well as specialized agency both get the experience certificate for the same work from their respective client(s) i.e. main contractor for composite work along with specialized works from owner and specialized agency for specialized work(s) from the main contractor.



इस स्थिति में, या तो विशेष एजेंसी या आंतरिक विशेषज्ञता और अनुभव रखने वाली मुख्य एजेंसी का अनुभव प्रमाण पत्र, जिसने वास्तव में विशेष कार्य (कार्यों) को निष्पादित किया है, कार्य की समान विशिष्ट प्रकृति में तकनीकी / पूर्व-योग्यता मानदंड के लिए विचार किया जाएगा (एस)।

In this situation, the experience certificate of either specialized agency or main agency having in-house expertise & experience, who has actually executed the specialized work(s), shall be considered for Technical /Pre-qualifying criteria in similar specialized nature of work(s).

- e. पर्याप्त पूर्णता अनुबंध के तहत 80 (अस्सी) प्रतिशत (मूल्य के अनुसार) या उससे अधिक कार्य पूर्ण होने पर आधारित होगी। पर्याप्त पूर्णता को प्रतिशत पूर्णता के संदर्भ में परिभाषित नहीं किया जाना चाहिए, बल्कि इसे कार्यात्मक विचार के आधार पर परिभाषित किया जाना चाहिए। परियोजना/कार्य/परिसंपत्ति के 'पर्याप्त पूर्णता' के प्रमाण पत्र में दो भाग होने चाहिए। भाग-I में '**किए गए कार्य का वित्तीय मूल्य**' और भाग-II में '**परियोजना/कार्य/परिसंपत्ति के कार्यात्मक पूर्णता का प्रमाण पत्र**' शामिल होगा।

Substantial completion shall be based on 80 (eighty) percent (value wise) or more works completed under the contract. Substantial completion should not be defined in terms of percentage completion, rather it should be based on functional consideration.

Certificate for 'substantial completion' of project/work/asset should contain two parts. Part-I shall contain '**financial value of work done**' and part-II shall contain '**certificate of functional completion of project/work/asset**'.

"निष्पादित कार्यों के मूल्य को कार्य के वास्तविक मूल्य को 7% प्रति वर्ष की साधारण दर से बढ़ाकर वर्तमान लागत स्तर पर लाया जाएगा, जिसकी गणना पूर्ण होने की तिथि से बोली (कवर -I / तकनीकी कवर) खोलने के दिन तक की जाएगी।

"The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to date of opening of bid (Cover-I/Technical Bid).

अनुभव के लिए ग्राहक प्रमाण पत्र में किए गए कार्य की प्रकृति, कार्य का मूल्य, शुरू होने की तिथि, अनुबंध के अनुसार पूरा होने की तिथि, पूरा होने की वास्तविक तिथि और कार्य के संतोषजनक समापन को दर्शाना चाहिए। गैर-सरकारी / गैर-पीएसयू संगठनों से कार्य अनुभव प्रमाण पत्र दिखाने वाले निविदाकारों को पंजीकृत चार्टर्ड एकाउंटेंट द्वारा जारी प्रमाण पत्र के साथ स्रोत पर कर कटौती (टीडीएस) प्रमाण पत्र की प्रति यूडीआईएन नंबर के साथ प्रस्तुत करनी चाहिए, जिसमें स्पष्ट रूप से काम का नाम, कुल भुगतान निर्दिष्ट हो कार्य के बदले प्राप्त कार्य एवं कार्य के लिए टीडीएस राशि।

Client certificate for experience should show the nature of work done, the value of work, date of start, date of completion as per agreement, actual date of completion and satisfactory completion of work. Tenderers showing work experience certificate from non-government/non-PSU organizations should submit copy of tax deduction at sources (TDS) certificate(s) along with a certificate issued by registered Chartered Accountant, clearly specifying the name of work, total payment received against the work and TDS amount for the work with UDIN.

ii. (a) औसत वार्षिक वित्तीय कारोबार /Average Annual Financial Turnover:

पिछले वित्तीय वर्ष के 31 मार्च को समाप्त पिछले तीन वर्षों के दौरान रुपये 45,15,642/- का औसत वार्षिक वित्तीय कारोबार होना चाहिए। वित्तीय जानकारी दिए गए प्रारूप में प्रस्तुत की जाएगी- फॉर्म-बी। तुलन पत्र में पिछले तीन वर्षों के दौरान लगातार हानि दर्शाने वाली निविदाओं को सरसरी तौर पर खारिज कर दिया जाएगा।

Should have Average Annual Financial Turnover of ₹45,15,642/- during last three years ending 31st March of the previous financial year. The Financial Information shall be submitted in the given format – Form-B. Tenderers showing continuous losses during the last three years in the balance sheet shall be summarily rejected.



- iii. निविदाकर्ता के पास 31.03.2025 तक प्रमाणित चार्टर्ड एकाउंटेंट्स द्वारा जारी न्यूनतम निवल मूल्य रुपये 19,13,408/- का होना चाहिए। प्रमाण पत्र दिए गए फॉर्म-सी प्रारूप में जमा किया जाना चाहिए।

The tenderer should have a minimum net worth of ₹ 19,13,408/- as on 31.03.2025 issued by certified Chartered Accountants. The Certificate should be submitted in the given format-Form-C.

स्टार्ट-अप बोलीदाताओं और उप-ठेकेदारों के लिए, मरम्मत कार्यों के लिए अनुमानित लागत रु. 30 लाख, सामान्य निर्माण अनुभव, विशेष निर्माण अनुभव और उपलब्ध बोली क्षमता से संबंधित आवश्यकताओं पर जोर नहीं दिया जा सकता है, बशर्ते बोलीदाता वित्तीय/कार्मिक/उपकरण क्षमताओं से संबंधित अन्य मानदंडों को पूरा करते हों। हालाँकि, अपने संसाधनों के अत्यधिक विस्तार से बचने के लिए, ऐसे किसी भी ठेकेदार को किसी भी समय, शिथिल क्रेडेंशियल के तहत 2 (दो) से अधिक अनुबंध रखने की अनुमति नहीं दी जा सकती है।

NOT APPLICABLE

*For Start-ups bidders and Sub-contractors, for repair works estimated cost of up to Rs. 30 lakhs, the requirements regarding General Construction Experience, Particular construction Experience and Available Bid Capacity may not be insisted upon provided the bidders fulfil other criteria regarding Financial/ Personnel/ Equipment capabilities. However, to avoid overstretching of their resources, no such contractors may be allowed to hold more than 2 (Two) contracts under relaxed credentials, at any given time.

लिफाफा-II:- वित्तीय ई-बोली सीपीपी पोर्टल के माध्यम से।

Envelope-II: - The Financial e-Bid through CPP portal.

1. सभी दरों को दिए गए प्रारूप में उद्धृत किया जाएगा और कोई अन्य प्रारूप स्वीकार्य नहीं है। यदि मूल्य बोली निविदा दस्तावेज के साथ मानक बीओक्यू प्रारूप के रूप में दी गई है, तो उसे डाउनलोड करके सभी निविदाकारों द्वारा भरा जाना है। निविदाकारों को बीओक्यू फ़ाइल डाउनलोड करने, उसे खोलने और नीले रंग (असुरक्षित) सेल को अपने संबंधित वित्तीय उद्धरण और अन्य विवरण (जैसे निविदाकर्ता का नाम) के साथ पूरा करना आवश्यक है। कोई अन्य सेल नहीं बदला जाना चाहिए। एक बार विवरण पूरा हो जाने के बाद, निविदाकर्ता को फ़ाइल नाम बदले बिना इसे सहेजना चाहिए और इसे ऑनलाइन जमा करना चाहिए। यदि निविदाकर्ता द्वारा बीओक्यू फ़ाइल को संशोधित पाया जाता है, तो बोली को अस्वीकार कर दिया जाएगा।

All rates shall be quoted in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the tenderers. Tenderers are required to download the BOQ file, open it and complete the blue colored (unprotected) cells with their respective financial quotes and other details (such as name of the tenderer). No other cells should be changed, once the details have been completed, the tenderer should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the tenderer, the bid will be rejected.

2. ईएमडी का रिफंड / Refund of EMD

पुष्टि की गई न्यूनतम बोली लगाने वाले को छोड़कर सभी बोलीदाताओं द्वारा जमा की गई ईएमडी वित्तीय बोली खोलने की तारीख से एक सप्ताह के भीतर वापस कर दी जाएगी। सफल बोलीदाता की ईएमडी ईएमडी राशि/प्रदर्शन बैंक गारंटी के बराबर सुरक्षा जमा प्राप्त होने पर वापस कर दी जाएगी।

EMD deposited by all the bidders except the confirmed lowest bidder shall be returned within one week from the date of opening of the financial bid. EMD of the successful bidder shall be



returned on receipt of Security Deposit equivalent to EMD amount/ performance bank guarantee.

3. बोली प्रस्तुत करना / **Bid Submission:**

निविदाकर्ता अपना आवेदन केवल सीपीपी पोर्टल: <https://etenders.gov.in/eprocure/app> पर जमा करेंगे। निविदाकारों/ठेकेदारों को सलाह दी जाती है कि वे ऑनलाइन बोलियां जमा करने के लिए निविदा दस्तावेज में दिए गए निर्देशों का पालन करें। निविदाकारों को पैरा-2 के अनुसार स्कैन किए गए दस्तावेजों की डिजिटली हस्ताक्षरित फाइल को अपलोड करना आवश्यक है। बोली दस्तावेजों को 100 डीपीआई के साथ ब्लैक एंड व्हाइट विकल्प के साथ स्कैन किया जा सकता है जो स्कैन किए गए दस्तावेज के आकार को कम करने में मदद करता है।

The tenderer shall submit their application only at CPP Portal: <https://etenders.gov.in/eprocure/app>. Tenderer/Contractor are advised to follow the instructions provided in the tender document for online submission of bids. Tenderers are required to upload the digitally signed file of scanned documents as per Para Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

ऊपर निर्दिष्ट स्थान के अलावा अन्य स्थान पर आवेदन को अपलोड करने पर विचार नहीं किया जाएगा।
आवेदन की हार्ड कॉपी पर विचार नहीं किया जाएगा।

Uploading of application in location other than specified above shall not be considered. Hard copy of application shall not be entertained.

4. एक निविदाकार या व्यावसायिक संबंध रखने वाले निविदाकारों द्वारा एक से अधिक निविदा प्रस्तुत नहीं की जाएगी। किसी भी परिस्थिति में पिता और उनके पुत्र (पुत्रों) या अन्य निकट संबंधियों, जिनका एक-दूसरे के साथ व्यावसायिक संबंध हैं (अर्थात् जब एक या अधिक साझेदार/निदेशक समान हों) को एक ही अनुबंध के लिए अलग-अलग निविदा करने की अनुमति नहीं दी जाएगी। प्रतियोगी। इस शर्त का उल्लंघन करने पर दोनों पक्षों की निविदाएं अस्वीकृत की जा सकती हैं।

Not more than one tender shall be submitted by one tenderer or tenderers having business relationship. Under no circumstance will father and his son(s) or other close relations who have business relationship with one another (i.e. when one or more partner(s)/director(s) are common) be allowed to tender for the same contract as separate competitors. A breach of this condition will render the tenders of both parties liable to rejection.

5. निविदाकार, जिसने सेंट्रल पब्लिक प्रोक्योरमेंट पोर्टल (सीपीपीपी) की वेबसाइट <http://etenders.gov.in/eprocure/app> से टेंडर डाउनलोड किया है, किसी भी तरह से डाउनलोड किए गए प्राइस बिड टेम्पलेट सहित टेंडर फॉर्म में छेड़छाड़/संशोधन नहीं करेगा। यदि इसे किसी भी तरह से छेड़छाड़/संशोधित पाया जाता है, तो निविदा पूरी तरह से खारिज कर दी जाएगी और ईएमडी जब्त कर ली जाएगी और निविदाकर्ता को एएआई के साथ व्यापार करने से प्रतिबंधित किया जा सकता है।

Tenderer who has downloaded the tender from Central Public Procurement Portal (CPPPP) website <https://etenders.gov.in/eprocure/app>, shall not tamper/modify the tender form including downloaded price bid template in any manner. In case if the same is found to be tampered/modified in any manner, tender will be completely rejected and tendered is liable to be banned from doing business with AAI.

6. बोली खोलने की प्रक्रिया इस प्रकार है:-

Bids Opening Process is as below:

Envelope-I (Scanned copy of tender processing fee, EMD, Technical bid and Pre-qualification):



लिफाफा-I जिसमें पैरा 2 (ए) और (बी) (निविदाकारों द्वारा अपलोड किए गए) के अनुसार दस्तावेज शामिल हैं, को क्रिटिकल डेटा शीट में उल्लिखित तिथि और समय पर खोला जाएगा।

Envelope-I containing documents as per Para 2 (A), (B) and (C) (uploaded by the tenderers) shall be opened on date & time mentioned in CRITICAL DATA SHEET.

यदि बोलीदाता के पास कार्य के बोली दस्तावेज से संबंधित कोई प्रश्न है, तो उन्हें स्पष्टीकरण प्राप्त करने के लिए सीपीपी पोर्टल पर 'सीक क्लेरिफिकेशन' का उपयोग करना चाहिए। इस संबंध में संचार के किसी अन्य माध्यम पर विचार नहीं किया जाएगा।

If the bidder has any query related to the Bid Document of the work, they should use 'Seek Clarification' on CPP portal to seek clarifications. No other means of communication in this regard shall be entertained.

यदि निविदाकर्ता से लिफाफा-I में अपलोड किए गए दस्तावेजों में कमी के बारे में किसी स्पष्टीकरण की आवश्यकता है, तो उसे सीपीपी पोर्टल के माध्यम से उपलब्ध कराने के लिए कहा जाएगा, यदि आवश्यक हो। निविदाकर्ता एएआई द्वारा निर्दिष्ट समय के भीतर अपेक्षित स्पष्टीकरण/दस्तावेज अपलोड करेगा, ऐसा न करने पर यह मान लिया जाएगा कि बोली लगाने वाले के पास जमा करने के लिए कुछ नहीं है और बोली का मूल्यांकन तदनुसार किया जाएगा।

If any clarification is needed from the tenderer about the deficiency in his uploaded documents in Envelope - I, he will be asked to provide it through CPP portal if required. The tenderer shall upload the requisite clarification/documents within time specified by AAI, failing which it shall be presumed that bidder does not have anything to submit and bid shall be evaluated accordingly.

निविदाकारों को उनकी बोलियों को स्वीकार/अस्वीकार करने की सूचना सीपीपी पोर्टल के माध्यम से दी जाएगी।

The intimation regarding acceptance/rejection of their bids will be intimated to the tenderers through CPP portal.

लिफाफा- II (वित्तीय बोली):

Envelope-II (Financial Bid):

तकनीकी मानदंड और योग्यता आवश्यकताओं को पूरा करने वाले निविदाकारों की वित्तीय बोली वाले लिफाफा- II को क्रिटिकल डेटा शीट में उल्लिखित तिथि और समय पर खोला जाएगा। (यदि लिफाफा-II (वित्तीय बोली) खोलने की तिथि और समय को बदलना आवश्यक है, तो इसकी सूचना सीपीपी पोर्टल के माध्यम से दी जाएगी)।

Envelope-II containing financial bid of the tenderers found to be meeting the technical criteria and qualifying requirements shall be opened on date & time mentioned in CRITICAL DATA SHEET. (In case the date and time for opening of Envelope-II (Financial bid) is required to be changed, the same shall be intimated through CPP Portal).

8. एएआई बिना कोई कारण बताए किसी या सभी आवेदनों को स्वीकार या अस्वीकार करने का अधिकार सुरक्षित रखता है। एएआई बिना कोई कारण बताए किसी भी स्तर पर निविदा प्रक्रिया को रद्द करने का अधिकार सुरक्षित रखता है।

AAI reserves the right to accept or reject any or all applications without assigning any reasons. AAI also reserves the right to call off tender process at any stage without assigning any reason.



9. एएआई के पास उन कार्यकारी एजेंसियों को अनुमति देने का अधिकार सुरक्षित है, जिनका चल रही परियोजनाओं में प्रदर्शन बराबर से कम है और आमतौर पर खराब है और एएआई या केंद्र / राज्य सरकार के किसी भी विभाग द्वारा संयम/अस्थायी या स्थायी डिबारमेंट/ब्लैक लिस्टिंग का पत्र जारी किया गया है। विभाग/पीएसयू/विश्व बैंक/एडीबी इत्यादि। एएआई किसी भी स्तर पर (कार्य प्रदान करने से पहले या बाद में) निविदाकर्ता द्वारा प्रस्तुत प्रमाण-पत्र को सत्यापित करने का अधिकार सुरक्षित रखता है। यदि किसी भी स्तर पर, आवेदक द्वारा प्रस्तुत कोई सूचना/दस्तावेज गलत/झूठा पाया जाता है या कुछ विसंगति है जो निविदाकार को अयोग्य घोषित करती है तो एएआई निम्नलिखित कार्रवाई करेगा:

AAI reserves the right to disallow the working agencies whose performance at ongoing project(s) is below par and usually poor and has been issued letter of restrain/Temporary or Permanent debarment/black listing by any department of AAI or Central /State Govt. Depts./PSUs/World Bank/ ADB etc. AAI reserves the right to verify the credential submitted by the tenderer at any stage (before or after the award the work). If at any stage, any information /documents submitted by the applicant is found to be incorrect/false or have some discrepancy which disqualifies the tenderer then AAI shall take the following action:

- a) निविदाकर्ता द्वारा जमा की गई ईएमडी की पूरी राशि को जब्त कर लें।

Forfeit the entire amount of EMD submitted by the tenderer.

- b) निविदाकार एएआई में निविदा डालने से दो वर्ष तक की अवधि के लिए प्रतिबन्ध के लिए उत्तरदायी होगा, जिसमें किसी अन्य उचित संविदात्मक/कानूनी कार्रवाई के अलावा अनुबंध की समाप्ति भी शामिल है।

The tenderer shall be liable for debarment for a period up to two years from tendering in AAI, including termination of the contract apart from any other appropriate contractual / legal action.

10. कंसोर्टियम/जेवी कंपनियों को अनुमति नहीं दी जाएगी।

Consortium/JV companies shall not be permitted.

11. केंद्रीय सार्वजनिक क्षेत्र के उपक्रम को खरीद वरीयता सरकार के निर्देश के अनुसार लागू होगी। भारत की स्वीकृति की तारीख पर प्रचलित।

Purchase preference to Central Public Sector Undertaking shall be applicable as per the directive of Govt. of India prevalent on the date of acceptance.

12. डीआईसी/एनएसआईसी/केवीआईसी/केवीआईबी/हस्तशिल्प और हथकरघा निदेशालय आदि के साथ पंजीकृत भारतीय सूक्ष्म और लघु उद्यमों (एमएसई) इकाइयों को छूट, एमएसई आदेश 2012 के लिए सार्वजनिक खरीद नीति के प्रावधानों के अनुसार अद्यतन संशोधनों के साथ दी जाएगी। आपूर्ति/सेवाओं की निविदाओं के लिए लागू होगा और निर्माण कार्य के लिए विस्तारित नहीं किया जाएगा।

Tenderers have to submit UDIN generated documents like balance sheet/Turnover certificate, working capital certificate (works done during last 5 financial years & work in hand), Net worth certificate, tax deduction at source (TDS) certificates for Non-Govt. works etc. as per NIT condition duly certified by CA and having UDIN. The documents submitted by bidders without UDIN shall not be entertained."

13. निविदाकर्ताओं को विशिष्ट दस्तावेज पहचान संख्या (यूडीआईएन) सृजित दस्तावेज जैसे बैलेंस शीट/टर्नओवर प्रमाण पत्र, कार्यशील पूंजी प्रमाण पत्र (पिछले 5 वित्तीय वर्षों के दौरान किए गए कार्य और हाथ में कार्य), निवल मूल्य प्रमाण पत्र,



स्रोत पर कर कटौती (टीडीएस) प्रमाण पत्र प्रस्तुत करने होंगे। सीए द्वारा विधिवत प्रमाणित एनआईटी शर्तों के अनुसार कार्य आदि और यूडीआईएन होना। यूडीआईएन के बिना बोलीदाताओं द्वारा प्रस्तुत दस्तावेजों पर विचार नहीं किया जाएगा।

Tenderers have to submit Unique Document Identification Number (UDIN) generated documents like Balance Sheet / Turnover certificate, Working Capital Certificate (works done during last 5 financial years & works in hand), Net worth Certificate, Tax Deduction at Source (TDS) Certificates for Non- Govt. works etc. as per NIT conditions duly certified by CA and having UDIN. The documents submitted by bidders without UDIN shall not be entertained.

14. भारत सरकार के वाणिज्य और उद्योग मंत्रालय के उद्योग और आंतरिक व्यापार संवर्धन विभाग (डीपीआईआईटी) ने ओएम संख्या पी-45021/2/2017-पीपी(बीई) के तहत सार्वजनिक खरीद (मेक इन इंडिया को प्राथमिकता) आदेश 2017 जारी किया। -II) दिनांक 16.09.2020 लागू है।

Department of Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce and Industry, Government of India, issued Public Procurement (Preference to Make in India), Order 2017 vide OM No. P-45021/2/2017-PP(BE-II) dated 16.09.2020 is applicable.

15. भारत सरकार, वित्त मंत्रालय, व्यय विभाग (सार्वजनिक खरीद) के आदेश संख्या एफ संख्या 6/18/2019-पीपीडी दिनांक 23/07/2020 के आधार पर भारत के साथ भूमि सीमा साझा करने वाले देश से बोली लगाने वाले द्वारा पंजीकरण की आवश्यकता (डिवीजन) अद्यतन संशोधनों के साथ, सामान्य वित्तीय नियम (जीएफआर) 2017 के नियम 144 (xi) के तहत प्रतिबंध के संबंध में लागू होगा। बोलीदाता को इस संबंध में कंपनी के लेटर हेड पर 'अंडरटेकिंग' की स्कैन की हुई प्रति जमा करनी होगी। (अनुलग्नक- एलबीएस)।

Requirement of registration by the Bidder from a country sharing land border with India based on order No. F No. 6/18/2019-PPD dated 23/07/2020 of Government of India, Ministry of Finance, Department of Expenditure (Public procurement Division) with up to date amendments, regarding restriction under Rule 144(xi) of the General Financial Rules (GFR) 2017 shall be applicable. Bidder shall submit scanned copy of 'Undertaking' on Company's letter head in this regard. (Annexure- LBS).

बोली प्रबंधक/Bid Manager

--Sd--

वरिष्ठ प्रबंधक (इंजीनियरिंग-सिविल)-I/Senior Manager (Engg-Civil)-I
Airports Authority of India/ भारतीय विमानपत्तन प्राधिकरण
डिब्रूगढ़ हवाई अड्डा/Dibrugarh Airport

**ऑनलाइन बोली जमा कराने के लिए निर्देश /Instructions for Online Bid Submission:**

बोलीदाताओं को इलेक्ट्रॉनिक रूप से सीपीपी पोर्टल पर अपनी बोलियों की सॉफ्ट प्रतियाँ, वैध डिजिटल हस्ताक्षर प्रमाण पत्र का उपयोग करके, जमा करनी होती हैं। नीचे दिये गए निर्देश सीपीपी पोर्टल पर पंजीकरण करने में बोलीदाताओं की सहायता करने, उनकी बोलियों को आवश्यकताओं के अनुसार तैयार करने और उनकी बोलियों को सीपीपी पोर्टल पर ऑनलाइन जमा कराने से संबन्धित हैं।

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are generally meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

सीपीपी पोर्टल पर ऑनलाइन बोलियाँ प्रस्तुत करने के लिए अधिक जानकारी: <http://etenders.gov.in/eprocure/app> पर प्राप्त की जा सकती है।

More information useful for submitting online bids on the CPP Portal may be obtained at: <http://etenders.gov.in/eprocure/app>

पंजीकरण /REGISTRATION

- i. बोलीदाताओं से यह अपेक्षा की जाती है कि वे सीपीपी पोर्टल पर "ऑनलाइन बिडर एनरोलमेंट" लिंक पर क्लिक करके केन्द्रीय सार्वजनिक खरीद पोर्टल (URL: <https://etenders.gov.in/eprocure/app>) के ई- प्रोक्योरमेंट मॉड्यूल पर अपना नामांकन करें जो निःशुल्क है।

Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <http://etenders.gov.in/eprocure/app>) by clicking on the link "Online bidder Enrollment" on the CPP Portal which is free of charge.

- ii. नामांकन प्रक्रिया के भाग के रूप में बोलीदाताओं को एक विशिष्ट उपयोगकर्ता नाम चुनना होगा और उनके खातों के लिए एक पासवर्ड निर्दिष्ट करना होगा।

As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.

- iii. बोलीदाताओं को परामर्श दिया जाता है कि वे पंजीकरण प्रक्रिया के भाग के रूप में अपना वैध ई-मेल पता और मोबाइल नंबर पंजीकृत करें। इनका उपयोग सीपीपी पोर्टल से किसी भी पत्र व्यवहार के लिए किया जाएगा।

Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.

- iv. नामांकन के बाद, बोलीदाताओं को सीसीए इंडिया द्वारा मान्यता प्राप्त किसी भी सर्टीफाइंग अथॉरिटी (जैसे Sify/nCode/eMudra इत्यादि) द्वारा जारी अपना वैध डिजिटल हस्ताक्षर प्रमाण पत्र (कुंजी के प्रयोग के साथ हस्ताक्षरित श्रेणी-II अथवा श्रेणी -III प्रमाण पत्र), उनकी प्रोफाइल के साथ पंजीकृत करना होगा।

Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.

- v. बोलीदाता द्वारा केवल एक वैध डिजिटल हस्ताक्षर प्रमाण पत्र (DSC) पंजीकृत होना चाहिए। कृपया ध्यान दें कि बोलीदाता यह सुनिश्चित करने के लिए उत्तरदायी है कि वह अपने डिजिटल हस्ताक्षर प्रमाण पत्र (DSC) को दूसरों को उधार न दें, जिससे इसका दुरुपयोग हो सकता है।

Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.



- vi. बोलीदाता तब अपने यूजर आईडी/पासवर्ड और डीएससी/ई-टोकन के पासवर्ड डालकर सुरक्षित लॉग-इन के माध्यम से साइट पर जाता है।

Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

निविदा दस्तावेजों की खोज करना /SEARCHING FOR TENDER DOCUMENTS:

- 1) सीपीपी पोर्टल में विभिन्न खोज विकल्प बनाए गए हैं, जिससे बोलीदाताओं को कई मापदण्डों द्वारा सक्रिय निविदाओं की खोज करने की सुविधा प्राप्त हो सके। इन मापदण्डों में टेंडर आईडी, संगठन का नाम, स्थान, तिथि, कीमत इत्यादि सम्मिलित हो सकते हैं। निविदाओं की एडवांस खोज का एक विकल्प भी है, जिसमें बोलीदाता कई खोज मापदण्डों जैसे संगठन का नाम, अनुबंध का प्रकार, स्थान, तिथि अन्य संकेत शब्द (keywords) इत्यादि को, सीपीपी पोर्टल पर प्रकाशित निविदा की खोज करने के लिए, जोड़ सकते हैं।

There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.

- 2) एक बार बोलीदाताओं द्वारा अपनी रुचि की निविदाओं का चयन करने के बाद वे अपेक्षित दस्तावेज/निविदा संबंधी समय-सारणी डाउनलोड कर सकते हैं। इन निविदाओं को संबंधित 'my Tenders' फोल्डर में ले जाया जा सकता है। यह सीपीपी पोर्टल को, निविदा दस्तावेज के संबंध में जारी किये गए किसी भी शुद्धि पत्र के विषय में एसएमएस/ई-मेल के माध्यम से बोलीदाता को सूचित करने में सक्षम करेगा।

Once the bidders have selected the tenders they are interested in they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS/e-mail in case there is any corrigendum issued to the tender document.

- 3) बोलीदाता द्वारा हैल्प डेस्क से किसी प्रकार का स्पष्टीकरण/सहायता प्राप्त करने की स्थिति में बोलीदाता को प्रत्येक निविदा के लिये निर्दिष्ट विशिष्ट निविदा आईडी का एक नोट बनाना होगा।

The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

बोलियों की तैयारी / PREPARATION OF BIDS

- 1) बोलीदाता को अपनी बोलियां जमा करने से पहले निविदा दस्तावेज के संबंध में प्रकाशित किसी भी शुद्धि पत्र को ध्यान में रखना चाहिए।

Bidder should take into account any corrigendum published on the tender document before submitting their bids.

- 2) कृपया निविदा विज्ञापन और निविदा दस्तावेज का सावधानी पूर्वक अध्ययन करें और बोली के भाग के रूप में प्रस्तुत किये जाने वाले अपेक्षित दस्तावेजों को समझें। कृपया उन लिफाफों की संख्या नोट करें, जिनमें बोली दस्तावेज जमा करने हैं, दस्तावेजों की संख्या, प्रत्येक दस्तावेज के नाम और विषय-सूची सहित, जिन्हें जमा करना है। इनमें किसी भी प्रकार का परिवर्तन बोली की अस्वीकृति का कारण हो सकता है।

Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names



and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

- 3) बोलीदाता पहले से, निविदा दस्तावेज/अनुसूची में दर्शाएनुसार जमा किये जाने वाले बोली दस्तावेज तैयार कर लें और सामान्यतः ये पीडीएफ/एक्सएलएस/आरएआर/डीडब्ल्यूएफ/जेपीजी फ़ारमैट में हो सकते हैं। बोली दस्तावेज काले और सफेद विकल्प के साथ 100 डीपीआई सहित स्कैन किये जा सकते हैं, जो स्कैन किये गए दस्तावेज के आकार को कम करने में सहायता करता है।

Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF/ XLS/ RAR/ DWF/ JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

- 4) मानक दस्तावेजों के एक ही सेट, जिसे प्रत्येक बोली के एक भाग के रूप में प्रस्तुत करने की आवश्यकता होती है, को अपलोड करने में लगने वाले समय और प्रयास से बचने के लिए बोलीदाताओं को ऐसे मानक दस्तावेजों (जैसे पैन कार्ड की प्रति, वार्षिक रिपोर्ट, ऑडिटर प्रमाण पत्र इत्यादि) को अपलोड करने का प्रावधान प्रदान किया गया है। बोलीदाता ऐसे दस्तावेजों को अपलोड करने के लिए उनके पास सुलभ "माई स्पेस" अथवा "अदर इम्पोर्टेंट डॉक्यूमेंट्स" क्षेत्र का उपयोग कर सकते हैं और इसे एक कोष के रूप में रख सकते हैं।

To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents and keep it as repository.

नोट: माई डॉक्यूमेंट स्पेस केवल अपलोड करने की प्रक्रिया को आसान बनाने के लिए बोलीदाताओं को दिया गया एक कोष है। यदि बोलीदाता ने अपने दस्तावेजों को माई डॉक्यूमेंट स्पेस में अपलोड किया है तो उसका ऐसा करना स्वचालित रूप से इन दस्तावेजों को तकनीकी बोली का हिस्सा नहीं बनाता है।

Note: My Documents space is only a repository given to the Bidders to ease the uploading process. If the Bidder has uploaded his Documents in My Documents space, this does not actually ensure these Documents being part of Technical Bid.

बोलियां जमा करना/ SUBMISSION OF BIDS

- a) बोलीदाता को बोली जमा करने के लिए पहले से ही साइट पर लॉग-इन करना चाहिए, ताकि वे बोली को समय पर अर्थात बोली जमा करने के समय पर अथवा उससे पहले, अपलोड कर सकें। अन्य मामलों के कारण किसी भी देरी के लिए बोलीदाता स्वयं जिम्मेदार होगा।

Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.

- b) बोलीदाता को डिजिटल रूप में हस्ताक्षर करने होंगे और निविदा दस्तावेज में दर्शाए गए अनुसार अपेक्षित बोली दस्तावेजों को एक- एक करके अपलोड करना होगा।

The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.

- c) बोलीदाता को सीपीपी पोर्टल पर उपलब्ध कराए गए गेटवे के माध्यम से ऑनलाइन निविदा शुल्क/ईएमडी, का भुगतान करना होगा |

Proof of online payment through payment gateway in CPP Portal for EMD to be uploaded in CPP portal |



Bidder has to pay tender fee online through CPP portal. Proof of online payment through payment gateway in CPP Portal for EMD to be uploaded in CPP portal.

- d) बोलीदाता को निविदा दस्तावेज में निर्दिष्ट निर्देशों के अनुसार ईएमडी तैयार करना चाहिए। मूल बोली प्रस्तुत करने की अंतिम तिथि तक या निविदा दस्तावेजों में निर्दिष्ट अनुसार संबंधित अधिकारी को व्यक्तिगत रूप से पोस्ट/कूरियर/दिया जाना चाहिए। भौतिक रूप से भेजे गए बीजी के विवरण को स्कैन की गई प्रति में उपलब्ध विवरण और बोली जमा करने के समय के दौरान दर्ज किए गए डेटा के साथ मिलान करना चाहिए। अन्यथा अपलोड की गई बोली अस्वीकार कर दी जाएगी।

Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the BG physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.

- e) बोलीदाताओं से यह अनुरोध किया जाता है कि वे अनिवार्यतः उपलब्ध कराए गए प्रारूप में ही अपनी वित्तीय बोलियां प्रस्तुत करें और अन्य कोई प्रारूप स्वीकार्य नहीं है। यदि निविदा दस्तावेज के साथ मूल्य बोली को मानक बीओ क्यू प्रारूप के रूप में दिया गया है, तो उसे ही डाउनलोड किया जाना है तथा सभी बोलीदाताओं द्वारा भरा जाना है। बोलीदाताओं द्वारा बीओ क्यू फाइल डाउनलोड करना, उसे खोलना और सफेद रंग (असुरक्षित) के कोष्ठकों को अपने संबंधित वित्तीय उद्धरणों और अन्य विवरणों (यथा बोलीदाता का नाम) से पूरा किया जाना अपेक्षित है। किसी भी अन्य कोष्ठक को बदला न जाए। एक बार विवरण पूरा हो जाने के बाद, बोलीदाता को फाइल नाम बदले बिना इसे सुरक्षित करके ऑनलाइन जमा करना चाहिए। यदि बीओक्यू फाइल को बोलीदाता द्वारा संशोधित किया गया पाया जाता है, तो बोली अस्वीकार कर दी जाएगी।

Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.

- f) सर्वर समय (जो कि बोलीदाताओं के डैश बोर्ड पर प्रदर्शित होता है) को बोलीदाताओं द्वारा बोलियां प्रस्तुत करने, बोलियां खोलने आदि के लिए अंतिम तिथि का संदर्भ देने के लिए मानक समय माना जाएगा। बोलीदाताओं को बोली प्रस्तुत करने के दौरान इस समय का पालन करना चाहिए।

The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

- g) डेटा की गोपनीयता सुनिश्चित करने के लिए बोलीदाताओं द्वारा प्रस्तुत किये जा रहे सभी दस्तावेजों को पीकेआई एंक्रिप्शन तकनीकों का उपयोग करके एंक्रिप्ट किया जाएगा। दर्ज किया गया डेटा अनधिकृत व्यक्तियों द्वारा बोली खोलने के समय तक नहीं देखा जा सकता है। सुरक्षित सॉकेट लेयर 128 बिट एंक्रिप्शन तकनीक का उपयोग करके बोलियों की गोपनीयता बनाए रखी जाती है। संवेदनशील क्षेत्रों का डेटा संग्रहण एंक्रिप्शन किया जाता है। सर्वर पर अपलोड किया गया कोई भी बोली दस्तावेज सिस्टम से उत्पन्न सममितीय कुंजी का उपयोग करके सममित एंक्रिप्शन के अधीन है। इसके अतिरिक्त, इस कुंजी को खरीदारों/बोली खोलने वालों को सार्वजनिक कुंजी का उपयोग करके असममितीय एंक्रिप्शन के अधीन किया जाता है। समग्रतः अपलोड किये गए निविदा दस्तावेज अधिकृत बोली खोलने वालों द्वारा निविदा खोलने के बाद ही पठनीय हो हैं।

All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128-bit encryption technology. Data storage



encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

- h) अपलोड किये गए निविदा दस्तावेज अधिकृत बोली खोलने वालों के द्वारा निविदा खोलने के बाद ही पठनीय होते हैं।
The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- i) बोलियों के सफलतापूर्वक और समय पर जमा होने पर (यथा पोर्टल में "फ्रीज बिड सबमिशन" पर क्लिक करने के बाद) पोर्टल सफलतापूर्वक बोली जमा होने संबंधी संदेश देगा और बोली संख्या के साथ एक बोली सारांश और अन्य सभी संबद्ध विवरणों के साथ बोली जमा करने की तिथि और समय प्रदर्शित किया जाएगा।
Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- j) बोली सारांश को बोली जमा करने की पावती के रूप में मुद्रित करा कर और रखा जाना है। इस पावती का उपयोग प्रवेश पास के रूप में किसी भी बोली खोलने संबंधी बैठकों के लिए किया जा सकता है।
The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

बोलीदाताओं को सहायता/ ASSISTANCE TO BIDDERS

- 1) निविदा दस्तावेज और उसमें निहित नियमों और शर्तों से संबंधित कोई भी प्रश्न निविदा के लिए निविदा आमंत्रण प्राधिकारी अथवा निविदा में इंगित संबंधित संपर्क व्यक्ति को संबोधित किया जाना चाहिए।

Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

- 2) ऑनलाइन बोली जमा करने की प्रक्रिया से संबंधित कोई भी प्रश्न अथवा सामान्य रूप से सीपीपी पोर्टल से संबंधित प्रश्न 24x7 सीपीपी हैल्प डेस्क को निर्देशित किये जा सकते हैं।

i) दूरभाष: 0120-4200462, 0120-4001002, मोबाइल: 91 8826246593 ईमेल: support-eproc@nic.in

Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24 x 7 CPP Portal Helpdesk.

ii) Tel: 0120-4200462, 0120-4001002, Mobile: 91 8826246593 E- mail: support-eproc@nic.in

**जाँच सूची/पी क्यू प्रोफार्मा****CHECK LIST/Pre- Qualification PERFORMA**

कार्य का नाम: डिब्रूगढ़ एयरपोर्ट पर भा.वि.प्रा.आवासीय कॉलोनी में बच्चों के पार्क का विकास (उप-शीर्षक: डिब्रूगढ़ एयरपोर्ट पर बच्चों के पार्क का रीडेवलपमेंट, आउटडोर जिम, रनिंग ट्रैक फ्लोरिंग, बैडमिंटन कोर्ट फ्लोरिंग)

**Name of work: Development of Children's park in AAI Residential Colony at Dibrugarh Airport.
(SH: Redevelopment of Children's park, Outdoor gym, Running Track Flooring, Badminton Court Flooring at Dibrugarh Airport)**

1	2	3	4
क्रम संख्या Sl. No	योग्यता मानदंड/पैरामीटर/सहायक दस्तावेज Qualifying criterion	सहायक दस्तावेज में निम्नलिखित मुख्य जानकारी होनी चाहिए, जो भाविप्रा नोट करना चाहेगा Supporting Document must have the following salient information which AAI would like to note	कॉलम-3 के समर्थन में प्रस्तुत दस्तावेजों के संदर्भ में Enclosure Check-List
1	सामान्य/ General		
1.1	ठेकेदार/फर्म का नाम एवं पता/ Name and registered office address of the applicant Contractor/firm /joint venture company		Details to be filled प्रतिलिपि संलग्न: हाँ/नहीं Copy uploaded Yes/No
1.2	दूरभाष, फ़ैक्स, ई मेल एवं मोबाइल नंबर Telephone, Fax, Email		Details to be filled Copy uploaded Yes/No
1.3	प्राधिकृत हस्ताक्षरकर्ता (नाम एवं पदनाम) Authorized Signatory (name & Designation)		Details to be filled Copy uploaded Yes/No
2	लिफ़ाफा- I में (निविदा प्रसंस्करण शुल्क, ईएमडी, तकनीकी बोली और पूर्व योग्यता) निहित हो Envelope –I shall contain scanned copy of:		
2.1	निविदा शुल्क के ऑनलाइन भुगतान की प्राप्ति की स्कैन की गई प्रति / Scanned copy of Tender Acceptance letter	Page. A-24	प्रतिलिपि संलग्न: हाँ/नहीं copy enclosed: YES/NO
2.2	Integrity Pact	Pg. A 32 to A 39	copy- enclosed:- YES/NO
2.3	संख्या (पैन) की स्कैन प्रतिलिपि। Permanent Account No. (PAN)	Enclose documentary proof in support	प्रतिलिपि संलग्न: हाँ/नहीं copy enclosed: YES/NO



2.4	करण संख्या की स्कैन प्रतिलिपि। GST Registration No. (GST)	Enclose documentary proof in support	प्रतिलिपि संलग्न: हाँ/नहीं copy enclosed: YES/NO
3	निविदा जमा करने की अंतिम तिथि या विस्तारित अंतिम तिथि को समाप्त होने वाले पिछले सात वर्षों के दौरान निविदाकारों का अनुभव विवरण। Experience details Tenderers during last seven years ending ending last day of month previous to the one in which tenders are invited.		
		Certificate of completion of the Three/Two/ One work (s) as applicable	
3.1	30.06.2026 को समाप्त होने वाले पिछले सात वर्षों के दौरान " योग्य ठेकेदारों" से कम लागत वाले तीन अलग-अलग कार्य जिनकी लागत 51,02,420/- रुपये से कम नहीं है। i) Three separate works each costing not less than Rs. 51,02,420/- (Exc. GST/VAT) Eligible Contractors during last seven years ending on 30.06.2026	कार्य सं० -1 -कार्य का नाम: -वर्क ऑर्डर/करार सं० व तिथि: -ठेके की लागत: -ठेके के करार के अनुसार पूरा होने की नियत तारीख: -पूरा होने की वास्तविक तारीख: वास्तविक समापन लागत: -तक मुआवजे की उगाही के साथ/के बिना अनुदत्त ई ओ टी (यदि कोई है) Work No. 1 - Name of work/ similar nature of work - Value of work - Date of Start - Date of Completion (Stipulated) - Date of Completion (Actual) - Completion cost - TDS Amount, if applicable - EOT granted (if any) up to with/without levy of compensation. - (Copy to be attached)	प्रमाणपत्रों की प्रतिलिपि संलग्न: हाँ/नहीं Copy of certificates enclosed: YES/NO



3.2		कार्य सं० -2 -कार्य का नाम: -वर्क ऑर्डर/करार सं० व तिथि: -ठेके की लागत - ठेके के करार के अनुसार पूरा होने की नियत तारीख: -पूरा होने की वास्तविक तारीख: -वास्तविक समापन लागत: -तक मुआवजे की उगाही के साथ/के बिना अनुदत्त ईओटी (यदि कोई है) -समापन प्रमाण पत्र जारीकर्ता प्राधिकारी का नाम एवं पदनाम Work No. 2 - Name of work/ similar nature of work - Value of work - Date of Start - Date of Completion (Stipulated) - Date of Completion (Actual) - Completion cost - TDS Amount, if applicable - EOT granted (if any) up to with/without levy of compensation. - (Copy to be attached)	प्रमाणपत्रों की प्रतिलिपि संलग्न: हाँ/नहीं Copy of certificates enclosed: YES/NO
3.3		कार्य सं० -3 -कार्य का नाम: -वर्क ऑर्डर/करार सं० व तिथि: -ठेके की लागत: -ठेके के करार के अनुसार पूरा होने की नियत तारीख: -पूरा होने की वास्तविक तारीख: -वास्तविक समापन लागत: -तक मुआवजे की उगाही के साथ /के बिना अनुदत्त ई ओ टी (यदि कोई है) -समापन प्रमाण पत्र जारीकर्ता प्राधिकारी का नाम एवं पदनाम Work No. 3 - Name of work/ similar nature of work	प्रमाणपत्रों की प्रतिलिपि संलग्न: हाँ/नहीं Copy of certificates enclosed: YES/NO



		- Value of work - Date of Start - Date of Completion (Stipulated) - Date of Completion (Actual) - Completion cost - TDS Amount, if applicable - EOT granted (if any) up to with/without levy of compensation. - (Copy to be attached)	
3.4	30.06.2026 को समाप्त होने वाले पिछले सात वर्षों के दौरान " योग्य ठेकेदारों" से कम लागत वाले दो अलग-अलग कार्य जिनकी लागत 63,78,025/- रुपये से कम नहीं है। ii) Two separate works each costing not less than Rs. 63,78,025/- (Exc. GST/VAT) "Eligible Contractors" during last seven years ending on 30.06.2026	कार्य सं. -1 -कार्य का नाम: -वर्क ऑर्डर/करार सं० व तिथि: -ठेके की लागत: -ठेके के करार के अनुसार पूरा होने की नियत तारीख: -पूरा होने की वास्तविक तारीख: -वास्तविक समापन लागत: -तक मुआवजे की उगाही के साथ/के बिना अनुदत्त ई ओ टी (यदि कोई है) -समापन प्रमाण पत्र जारीकर्ता प्राधिकारी का नाम एवं पदनाम Work No. 1 - Name of work/ similar nature of work - Value of work - Date of Start - Date of Completion (Stipulated) - Date of Completion (Actual) - Completion cost - TDS Amount, if applicable - EOT granted (if any) up to with/without levy of compensation. - (Copy to be attached)	प्रमाणपत्रों की प्रतिलिपि संलग्न: हाँ/नहीं Copy of certificates enclosed: YES/NO



3.5		कार्य सं० -2 -कार्य का नाम: -वर्क ऑर्डर/करार सं० व तिथि: -ठेके की लागत - ठेके के करार के अनुसार पूरा होने की नियत तारीख: -पूरा होने की वास्तविक तारीख: -वास्तविक समापन लागत: -तक मुआवजे की उगाही के साथ/के बिना अनुदत्त ईओटी (यदि कोई है) -समापन प्रमाण पत्र जारीकर्ता प्राधिकारी का नाम एवं पदनाम Work No. 2 - Name of work/ similar nature of work - Value of work - Date of Start - Date of Completion (Stipulated) - Date of Completion (Actual) - Completion cost - TDS Amount, if applicable - EOT granted (if any) up to with/without levy of compensation. - (Copy to be attached)	Copy of certificates enclosed: YES/NO



3.6	30.06.2026 को समाप्त होने वाले पिछले सात वर्षों के दौरान " योग्य ठेकेदारों" से कम लागत वाले एक कार्य जिनकी लागत 1,02,04,840/- रुपये से कम नहीं है। iii) One works each costing not less than Rs. 1,02,04,840/- (Exc. GST/VAT) "Eligible Contractors" during last seven years ending on 30.06.2026	कार्य सं० -1 -कार्य का नाम: -वर्क ऑर्डर/करार सं० व तिथि: -ठेके की लागत: -ठेके के करार के अनुसार पूरा होने की नियत तारीख: -पूरा होने की वास्तविक तारीख: -वास्तविक समापन लागत: -तक मुआवजे की उगाही के साथ/के बिना अनुदत्त ई ओ टी (यदि कोई है) -समापन प्रमाण पत्र जारीकर्ता प्राधिकारी का नाम एवं पदनाम Work No. 1 - Name of work/ similar nature of work - Value of work - Date of Start - Date of Completion (Stipulated) - Date of Completion (Actual) - Completion cost - TDS Amount, if applicable - EOT granted (if any) up to with/without levy of compensation. - (Copy to be attached)	प्रमाणपत्रों की प्रतिलिपि संलग्न: हाँ/नहीं Copy of certificates enclosed: YES/NO								
4	क्या सरकारी संगठनों/निजी क्लाइंट से अनुभव प्राप्त है? Whether experience from Govt.organizations or private clients?	सरकारी संगठन/निजी क्लाइंट (टिक करें,जो भी लागू हो। अनुभव के समर्थन में क्लाइंट से प्राप्त टी डी एस प्रमाण पत्र संलग्न करें)। Govt. Organization / Private Clients. (Tick whichever is applicable. In support of experience, TDS certificate from clients to be enclosed)	टी डी एस प्रमाण पत्र संलग्न: हाँ/नहीं TDS certificate enclosed: YES/NO								
5	<u>टर्न ओवर</u> पिछले तीन वित्तीय वर्षों के दौरान निष्पादित कार्यों के लिए वार्षिक औसत वित्तीय टर्न ओवर रु० 45,15,642/- से कम न हो। प्रमाण स्वरूप लाभ एवं हानि अकाउंट सहित फर्म की संक्षिप्त बैलेन्स शीट की प्रति आवेदन के साथ जमा करनी होगी <u>TURNOVER:</u> Annualized average financial turnover of not less than Rs. 45,15,642/- against works executed during last three financial years. As a proof, copy of Abridged Balance	<table><tr><td>वर्ष /Year</td><td>टर्नओवर(लाख में) Turnover (In lakhs)</td></tr><tr><td>2022-23</td><td></td></tr><tr><td>2023-24</td><td></td></tr><tr><td>2024-25</td><td></td></tr></table> औसत/Average: Last 03 Years	वर्ष /Year	टर्नओवर(लाख में) Turnover (In lakhs)	2022-23		2023-24		2024-25		टर्न ओवर का प्रमाण संलग्न(संक्षिप्त बैलेन्स शीट और लाभ एवं हानि अकाउंट) प्रतिलिपि संलग्न: हाँ/नहीं Proof of turn over enclosed (Abridged balance sheet & profit & loss A/C)
वर्ष /Year	टर्नओवर(लाख में) Turnover (In lakhs)										
2022-23											
2023-24											
2024-25											



	Sheet of the firm with profit and loss account shall be submitted		Copy enclosed: YES/NO
5.2	प्रमाणित चार्टर्ड अकाउंटेंट द्वारा जारी फॉर्म-बी की स्कैन कॉपी Financial Information with UDIN no. certified by CA. (Form B)	Page. -A-26	प्रतिलिपि संलग्न: हाँ/नहीं Copy Enclosed. Yes / No.
5.3	फॉर्म-ए की स्कैन की गई कॉपी - क्लाइंट द्वारा जारी किए गए पूर्णता प्रमाण पत्र के साथ पिछले सात के दौरान पूरे किए गए समान कार्यों का विवरण Details of Similar work completed during last seven years with completion certificated issued by client (Form A)	Page. -A-25	प्रतिलिपि संलग्न: हाँ/नहीं Copy Enclosed. Yes / No.
5.4	ब्लैक लिस्टिंग / डिबारमेंट के संबंध में 'घोषणा पत्र' की स्कैन प्रतिलिपि Undertaking regarding black listing /debaring of firm	Page. -A-30	प्रतिलिपि संलग्न: हाँ/नहीं Copy Enclosed. Yes / No.
5.5	टीएंडपी के संबंध में घोषणा पत्र की स्कैन की गई प्रति Undertaking for deployment of T&P	Page. -A-31	प्रतिलिपि संलग्न: हाँ/नहीं Copy Enclosed. Yes / No.
5.6	प्रमाणित चार्टर्ड अकाउंटेंट द्वारा जारी नेट वर्थ रुपये 19,13,408/- से कम नहीं। Net Worth of not less than Rs. 19,13,408/- issued by certified Chartered Accountants with UDIN No certified by CA. (Form C)	Page -A-27	प्रतिलिपि संलग्न: हाँ/नहीं Copy Enclosed. Yes / No.

तिथि/DATE:

स्थान/PLACE:

हस्ताक्षर/SIGNATURE WITH STAMP

ठेकेदार/फर्म का अधिकृत हस्ताक्षरकर्ता
Authorized Signatory of the contractor/ Firm



घोषणा

मैं (_____) एतद्द्वारा घोषणा करता/करती हूँ कि प्रस्तुत/संलग्न दस्तावेज सत्य और सही हैं। यदि किसी भी स्तर पर कोई दस्तावेज फर्जी/गलत पाया जाता है, तो एएआई द्वारा उचित समझी जाने वाली कार्रवाई मेरे खिलाफ की जा सकती है।

स्थान:

तिथि:

हस्ताक्षर

ठेकेदार/फर्म का अधिकृत हस्ताक्षरकर्ता

DECLARATION

I (_____) hereby declare that the documents submitted / enclosed are true and correct. In case any document at any stage found fake / incorrect, action as deemed fit by AAI can be taken against me.

Place:

Date:

Signature

Authorized Signatory of the contractor/ Firm

CPPP under GeP NIC, Help Desk Services

1. For any technical related queries please call the Helpdesk. The 24 x 7 Help Desk Number 0120-4200462, 0120-4001002, 0120-4001005, and 0120-6277787. International Bidders are requested to prefix 91 as country code.

Note-Bidders are requested to kindly mention the URL of the Portal and Tender Id in the subject while emailing any issue along with the Contact details. For any issues/ clarifications relating the tender(s) published kindly contact the respective Tender Inviting Authority.

Tel: 0120-4001002, 0120-4001005, 0120-6277787

E-Mail: support-eproc@nic.in

2. For any Policy related matter / Clarifications Please contact Dept of Expenditure, Ministry of Finance.

E-Mail: cppp-doe@nic.in

3. For any technical Issues / Clarifications relating to the publishing and submission of AAI tender(s)
- In order to facilitate the Vendors / Bidders as well as internal users from AAI, Help desk services have been launched between 0800-2000 hours for the CPPP under GePNIC <https://etenders.gov.in>. The help desk services shall be available on all working days (Except Sunday and Gazetted Holiday) between 0800-2000 hours and shall assist users on issues related to the use of Central Public Procurement Portal (CPPP).
 - Before submitting queries, bidders are requested to follow the instructions given in “**Guidelines to Bidders**” and get their computer system configured according to the recommended settings as specified in the portal at “System Settings for CPPP”.

4. In case of any technical issues faced, the escalation matrix is as mentioned below:

SL. No.	SupportPersons	Escalation Matrix	E-MailAddress	ContactNumbers	Timings*
1.	Technical Help Desk Team	Instant Support	eprochelp@aai.aero	011-24632950, Ext-3512	0800-2000 hrs. (MON-SAT)
2.	Sh. Sanjeev Kumar, Sr.Mgr.(IT)	After 4 Hrs. of Issue	etendersupport@aai.aero or, sanjeevkumar@aai.aero	011-24632950, Ext-3523	0930-1800 hrs. (MON-FRI)
3.	Sh. Dharmendra Kumar Jt.GM (IT)	After 12 Hrs.	dkumar@aai.aero	011-24632950 Ext.3527	0930-1800 hrs. (MON-FRI)
4.	General Manager (IT)	After 03 Days	gmitchq@aai.aero	011-24657900	0930-1800Hrs. (MON-FRI)

*The Help desk services shall remain closed on all Govt. Gazetted Holidays.

5. The above-mentioned help desk numbers are intended only for queries related to the issues one-procurement portal and help needed on the operation of the portal. For queries related to the tenders published on the portal, bidders are advised to contact concerned Bid Manager of AAI.



AIRPORTS AUTHORITY OF INDIA

NOTICE INVITING TENDER

Item Rate e-tenders are invited through the e-tendering CPP Portal by **Senior Manager (Engg-Civil) -I, AAI, Dibrugarh Airport, Assam – 786012, mobile No. 9784098810** on behalf of Chairman, AAI from the **eligible contractors** for the work of “**Development of Children’s park in AAI Residential Colony at Dibrugarh Airport. (SH: Redevelopment of Children’s park, Outdoor gym, Running Track Flooring, Badminton Court Flooring at Dibrugarh Airport)**” at an estimated cost of **₹ 1,27,56,050.00** excluding GST with completion period of **6 months including 01 Month considered for Rain**

1. The Tenders shall be in the prescribed Form are invited in three bid system:
 - (i) **1st Bid envelope I: Tender processing fee, EMD, Technical Bid and Pre-qualification.**
 - (ii) **2nd Bid envelope II: Price Bid.**
2. Not more than one Tender shall be submitted by a contractor or by a firm. No two or more concerns in which an individual is interested, as Proprietor and/or partner shall tender for the execution of the same works. If they do so, all such Tenders shall be liable to be rejected.
3. The Accepting Authority as mentioned in **Schedule (F)**, shall be the Accepting Officer hereinafter, referred to as such for the purpose of this contract.
4. In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power-of-attorney authorizing him to do so. Such power of attorney to be uploaded with the tender and it must disclose that the firm is duly registered under the Indian Partnership Act, 1952.
5. Tender documents can be downloaded from the CPP e-tendering portal. Tender Processing fee of Rs.1180/- (i/c GST) –Non-Refundable required to be paid Online through SBI MOPS Gateway using SBI/Other Nationalized Banks/NEFT/RTGS mode. The last Date of submission of bid is as mentioned in Critical Data Sheet of Notice Inviting Tender.
6. Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents.
7. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by Airports Authority of India, local conditions and other factors having a bearing on the execution of the



work. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed.

8. All rates shall be quoted in the respective Section in CPP e-tender Portal (**Price Bid i.e. Envelope-II**).

9. As this tender is an item rate tender, rates for all items quoted shall only be considered. Any Tender containing percentage below/above the total estimated cost is liable to be rejected. Tenderers which propose any alteration in the works specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort including conditional rebates will be summarily rejected.

The tax invoice for the supply of the mentioned goods/service both has to be raised in pursuance of Section 31 of CGST Act to the concerned unit, which has actually received such supply, implying thereby that where the goods/service are supplied to a unit, the tax invoice must be raised to such unit.

10. Tenders shall be received through CPP e-tendering portal as per the dates in critical data sheet of NIT.

11. The tenderer should study the complete tender document. In order to facilitate AAI to prepare responses, the interested tenderers are requested to submit their queries if any, in e-tender portal only, up till the stipulated date and time. The tenderers queries will be replied through e-portal only.

12. **Earnest Money Deposit (EMD):** To be paid online through payment gateway in CPP portal.

12.1 Earnest Money Deposit (EMD) of ₹ 3,82,682/- will be required to be paid on-line on CPP portal only.

12.3. In the case of any extension of tender opening date, tenderer shall arrange to extend validity of Such EMD submitted in the form of BG. In case of failure to extend the EMD validity his tender May not be considered.

12.4 On acceptance of the Tender, the earnest money will be treated as part of the security deposit. The EMD of the successful tenderer will be returned if the tenderer furnishes the security deposit:-

12.5 AAI will return the EMD where applicable to every unsuccessful tenderer except as provided in the tender document:-

12.6 Letter of Intent (L.O.I.) will be issued to Successful bidder. If the successful tenderer fails to submit the performance guarantee and additional performance guarantee within time specified in L.O.I. or Thirty (30) calendar days after the date of issue of letter of Intent of bid, whichever is earlier.

Further, the award letter shall be issued on receipt of Performance Guarantee and Additional Performance Guarantee and contract agreement shall be signed within 10 days of issue of award letter.

In case the contractor fails to deposit performance guarantee/additional performance guarantee within the stipulated period tender shall be stands cancelled without any notice.



Further, EMD shall be forfeited, and the contractor shall be liable for debarment up to a period of two (02) years.

12.7 No interest or any other expenses, whatsoever on the EMD will be payable by AAI.

12.8 The AAI shall, without prejudice to any other remedy, be at liberty to forfeit the 10% of said earnest money in the following case:

- a) If a tenderer withdraws its tender during the period of tender validity specified in the tender conditions.
- b) In the case of a successful Tenderer, if the Tenderer fails -
 - i) To sign the Contract agreement.
 - ii) In case of any false information/document submitted by tenderer.

13. **Power of attorney/authorization for signing tender:**

- a) Only the Power of Attorney/Authorization holder of the tenderer on whose name the tender has been issued shall sign the Tender documents.
- b) The name and designation of the person or persons of the company who is authorized to sign shall be clearly indicated in the authority letter.
- c) In the event of the tender submitted by a partnership firm, it must be signed separately by each partner thereof, or in the event of the absence of any partner, it must be signed on his behalf by a person holding a Power-of-Attorney authorizing him to do so by the partners. A certified copy of the Power-of-Attorney issued by the company/partnership firm shall be produced with the tender along with evidence of registration of partnership firm/ company.

14. Notification of Award of contract will be made in writing to the successful bidder by the Accepting Authority or his representative. The contract will normally be awarded to the qualified and responsive Bidder offering lowest evaluated bid in conformity with the requirements of the specifications and contract documents and the Accepting Authority shall be the sole judge in this regard. The Accepting Authority does not bind himself to accept the lowest or, any tender or to give any reason for his decision. A **responsive bidder** is one who submits priced Tender and accepts all terms and conditions of the specifications and contract documents. A Tenderer shall submit a responsive bid, failing which his Tender will be liable to be rejected.

15. The Accepting Authority does not bind itself to accept lowest or any tender and reserves to himself the right of accepting the whole or any part of the Tender and Tenderer shall be bound to perform the same at his quoted rates. No claim whatsoever will be entertained on this account.

16. The Tenderer shall not be permitted to tender for works in Airports Authority of India Engineering Department, responsible for award and execution of contracts, in which his near relative is posted as Manager (Finance & Accounts) or Sr. Officer or as an engineer in any capacity. He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any officer in Airports Authority of India. Any breach of this condition by the contractor would render him liable to be debarred from Tendering for a period deemed fit.

17. The contractors shall give a list of AAI employees related to him.



18. No Engineer of Gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of Airports Authority of India/Govt. of India is allowed to work as a contractor for a period of two years of his retirement from Airports Authority of India/ Government service, without the prior permission of Airports of India/Govt. of India. The contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission of Airports Authority of India/Govt. of India as aforesaid before submission of the Tender or engagement in the contractor's service.
19. The Tender for the work shall remain open for acceptance for a period of Ninety days **(90) days** from the date of submission of bids including extensions, if any. If any Tenderer withdraws his tender before the said period or makes any modifications in the terms and conditions of the Tender which are not acceptable to the Department, then Airports Authority of India shall without prejudice to any other right or remedy, be at liberty to forfeit the 10% of said earnest money.
20. On acceptance of the Tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Engineer-In-Charge shall be communicated to the Engineer-In-Charge within 30 days of acceptance of tender.
- ~~21. The site for the work shall be made available in phases as decided by Engineer in charge. Work shall be carried out during NOTAM period, i.e. as per the availability of site for working, considering operational requirements of the runway and other related operational area.~~
22. A tenderer shall submit the tender which satisfies each and every condition laid down in this notice failing which the Tender will be liable to be rejected. Also, if the credential submitted by the firm found to be incorrect or have some discrepancy which disqualifies the firm then the AAI shall take the following action:
 - a) AAI shall, without prejudice to any other remedy, be at liberty to forfeit the 10% of said earnest money.
 - b) Debar the firm for a period deemed fit to tender for AAI in any name/style apart from any other appropriate contractual/legal actions.
23. **Taxes**
 - i) All tendered rates should be inclusive of all taxes, duties, cess, fee, royalty charges etc. levied under any statute but exclusive of GST (Goods & Service Tax). Wherever supplies/ services involve imports, the same should be identified separately. Basic Custom Duty will be paid by AAI by utilising EPCG license/ duty scrip under SEI scheme of Govt. GST shall be paid to bidder for any taxable supply/ services against a valid Tax invoice.
 - ii) In case of non-compliance of GST provisions and blockage of any input credit the bidder shall be responsible to indemnify AAI.
 - a) The bidder is required to provide tax type and tax percentage in all bids other than that of civil works.
 - b) In case of composite works having component of SITC items, such as Electrical & Mechanical Installation, Airport System, Security, IT, Furniture etc. should be identified



separately with value of goods and services, Tax rate, amount of Tax so as to enable AAI to claim Input Tax Credit on such items.

- c) In case of change in rate of Tax or any provision relating to levy of Tax resulting in increase in burden of Tax on the contractor, the contractor shall be entitled to receive any compensation for such increase in quantum of Tax payable by the contractor. Similarly, recovery shall be made from the contractor on account of decrease of rate of Tax or any provision relating to levy of Tax.

24. a) All tendered rates shall be inclusive of all taxes and levies payable under respective statutes. However, pursuant to the Constitution (46th Amendment) Act. 1982, if any further tax or levy is imposed by Statute, after the last stipulated date for the receipt of tender including extensions if any and the contractor thereupon necessarily and properly pays such taxes / levies, the contractor shall be reimbursed the amount so paid, provided such payments, if any, is not, in the opinion of the Engineer-In-Charge (whose decision shall be final and binding on the contractor) attributable to delay in execution of work within the control of the contractor.
- b) The contractor shall keep necessary books of accounts and other documents for the purpose of this condition as may be necessary and shall allow inspection of the same by a duly authorized representative of Airports Authority of India and / or Engineer-In-Charge and further shall furnish such other information/document as the Engineer-In-Charge may require from time to time.
- c) The contractor shall, within a period of 30 days of the imposition of any such further tax or levy, pursuant to the Constitution (46th amendment) Act 1982, give a written notice thereof to the Engineer-In-Charge that the same is given pursuant to this condition, together with all necessary information relating thereto.

25. **MODE OF SUBMISSION OF TENDERS:**

Tender for the present work shall be submitted online through e-tendering portal in two bids (i.e. Envelope I & II) system as detailed below:

Envelope-I (Tender processing fee, EMD, Technical Bid and Pre-qualification): Bid containing following:

A. Tender processing fee, EMD

- i) Proof of online payment through payment gateway in CPP Portal for Tender fee.
- ii) Proof of online payment through payment gateway in CPP Portal for EMD.

B. Technical Bid containing the following:

- i. Scanned copy of Tender Acceptance Letter on Bidder's Letter Head.
- ii. Scanned copy of Permanent Account Number (PAN) and GST Registration Number.
- iii. Scanned copy of 'Undertaking' regarding Blacklisting /Debarment on company's letter head
- iv. Scanned copy of Form- A - details of similar works completed during last seven with completion certificate issued by client



- v. Scanned copy of Form- B - Financial Information
- vi. Scanned copy of Form- C – Net Worth.
- vii. Bidder shall submit scanned copy of ‘Undertaking’ on Company’s Letter Head that I/ We will deploy sufficient plant and machinery as per the requirement of work in consultation with the Engineer-in-Charge (E-I-C) to achieve the milestones/targets and overall completion within the time period.
- viii. Companies other than propriety firm shall submit, scanned copy of Authorization letter/power of attorney along with copy of certificate of incorporation of the company under companies Act showing CIN/LLPIN/name of Directors of the company & copy of Board resolution regarding Authority to assign Power of Attorney.
Proprietary firm shall submit scanned copy of Authorization letter/power of Attorney only if the tender is processed by a person other than proprietor.
- ix. Pre-qualification Performa duly filled.
- x. Duly signed copy of Performa for declaration by Bidder for compliance of order on Restriction under Rule 144(xi) of the General Financial Rules (GFRs)-2017

C. Qualifying requirements of contractors / tenderers containing the following:

Should have successfully completed or substantially completed (# Phase/Part completion of the scope of work in a contract shall not be considered, **however pre-determined phasing of the work will be accepted**) three works, each of ₹ 51,02,420.00 or two works, each of ₹ 63,78,025.00 or one work of ₹ 1,02,04,840.00 in single contract of **Any Civil works** during last seven years ending last day of month previous to the one in which tenders are invited.

The details of similar works completed during last seven years in the given format-**Form-A** with supporting documents issued by client.

टिप्पणी/ Note:

The Experience Certificates of works completed pre-GST era, Completion amount will be divided by 1.12 (to exclude pre-GST taxes) to make it at par with experience certificates of post GST era but excluding GST.

The Tenders invited for Annual Rate Contracts for O&M/ AMC/ CMC works, the works experience may be counted for the value of work for a completed one year on pro-rata basis to prequalify agency that has completed one year of AMC but work is still not completed due to longer period of AMC.

Experience gained by executing work on back-to-back contract/ Sub-contract basis is acceptable in the following conditions:

Work should be actually executed by the second agency (sub-contractor) with due concurrence of the owner as tripartite agreement/ written approval. It should be backed by valid agreement and experience certificate.

Payments received by second agency should be reflected in TDS certificates.

Experience gained in composite works for the specialized nature of works (List of Specialized Items / Jobs/ Works are mentioned at Para 35.3 of AAI Works Manual) were executed by main contractor either by in-house expertise & experience or by engaging the specialized agencies with the approval of main client as per contract conditions. In such



cases, main contractor as well as specialized agency both get the experience certificate for the same work from their respective client(s) i.e. main contractor for composite work along with specialized works from owner and specialized agency for specialized work(s) from the main contractor.

In this situation, the experience certificate of either specialized agency or main agency having in-house expertise & experience, who has actually executed the specialized work(s), shall be considered for Technical /Pre-qualifying criteria in similar specialized nature of work(s).

Substantial completion shall be based on 80 (eighty) percent (value wise) or more works completed under the contract. Substantial completion should not be defined in terms of percentage completion, rather it should be based on functional consideration.

Certificate for 'substantial completion' of project/work/asset should contain two parts. Part-I shall contain '**financial value of work done**' and part-II shall contain '**certificate of functional completion of project/work/asset**'.

"The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to date of opening of bid (Cover-I/Technical Bid).

Client certificate for experience should show the nature of work done, the value of work, date of start, date of completion as per agreement, actual date of completion and satisfactory completion of work. Tenderers showing work experience certificate from non-government/non-PSU organizations should submit copy of tax deduction at sources (TDS) certificate(s) along with a certificate issued by registered Chartered Accountant, clearly specifying the name of work, total payment received against the work and TDS amount for the work with UDIN.

iv. (a) Average Annual Financial Turnover:

Should have Average Annual Financial Turnover of ₹ 45,15,642/- during last three years ending 31st March of the previous financial year. The Financial Information shall be submitted in the given format – Form-B. Tenderers showing continuous losses during the last three years in the balance sheet shall be summarily rejected.

The tenderer should have a minimum net worth of ₹ 19,13,408/- as on 31.03.2025 issued by certified Chartered Accountants. The Certificate should be submitted in the given format-Form-C.

The bidders shall submit their applications as per "Pre-qualification Performa", in the tender document and fill up the required information and upload the digitally signed file of scanned documents and firm's bio-data in support of their meeting each criterion in the technical bid/attachment section in the portal. Uploading of application in location other than specified above not shall be considered. Hard copy of application shall not be entertained.

The bidder shall only submit the above-mentioned documents. The documents viz. General Conditions of Contract, Special Conditions of contract: Civil Works, Technical Specifications and Tender Drawings are not required to be uploaded.

**Envelope-II (Price Bid)**

Rates to be quoted (exclusive of GST) in the respective Section only in “**Envelope-II**”/ **Price Bid** where brief indicative description of item & unit have been given. Full description of Item & unit is available in **Item Rate BOQ** of GCC. Before quoting rates in respective section in Price bid, the bidders are advised to read the full description of respective item & Unit from **Item Rate BOQ**. No other format is acceptable.

Tenders shall be processed as below

Envelope-I: Containing Tender processing fee, EMD, Technical bid and Pre-Qualification Documents (Uploaded by the contractors/ firms) shall be opened on as mentioned in **CRITICAL DATA SHEET**. The intimation regarding acceptance/ rejection of their bids will be intimated to the contractors / firms through CPP e-tendering portal.

Envelope-II: Containing financial bid of the tenderers found to be meeting the technical criteria and qualifying requirements shall be opened on date & time mentioned in CRITICAL DATA SHEET. (In case the date and time for opening of Envelope-II (Financial bid) is required to be changed, the same shall be intimated through CPP Portal).

Note: Once the bidder has submitted the digitally signed file of Unconditional Acceptance of AAI's Tender Conditions, he is not permitted to upload any additional file or put any remark(s)/conditions(s)

AAI reserves the right to accept or reject any or all applications without assigning any reasons. AAI also reserves the right to call off tender process at any stage without assigning any reason.

26. CLARIFICATIONS:

If the bidder has any query related to the Tender Document of the work they should use 'Clarification' tab in CPP-tendering portal to seek clarifications. No other means of communication in this regard shall be entertained. Last date and time for making query is as stipulated in NIT.

If any clarification is needed by AAI from the bidder about the deficiency in his uploaded documents in Envelope-I & Envelope-II, they will be asked to provide it through CPP-tendering portal. The bidder shall upload the requisite clarification/documents within specified time of receipt of such request from AAI, failing which tender will not be considered for the subsequent stages.

~~Once the bidder has submitted the digitally signed documents as per NIT along with unconditional acceptance as an attachment, he is not permitted to upload any additional file or put any remark(s)/ conditions(s) in / along with the Tender Document~~

In case condition 26 above is found violated, the tender shall be rejected.

27. COMPARISON AND EVALUATION OF TENDER:

Prior to detailed evaluation, AAI will determine the substantial responsiveness of Tender document. A substantial responsive Tender is one, which confirms to all the terms and conditions of the Tender.



- a) A tender is determined as not responsive, if tender is submitted incomplete, annexure is not filled up, unconditional acceptance letter and power of attorney not found in proper form, such tenders are liable to be rejected by AAI.
- b) ~~Once the contractor has uploaded the digitally signed file of tender document along with unconditional acceptance as an attachment, he is not permitted to upload any additional file or put any remark(s)/ conditions(s) in / along with the Tender Document~~
- c) In case if any condition is found violated after opening Technical Bid, the tender shall be summarily rejected and AAI shall, without prejudice to any other remedy, be at liberty to forfeit the 10% of said earnest money.

Only those tenderers whose Technical Bid documents are acceptable to AAI will be examined and their techno-commercial bid shall be evaluated to determine whether they are complete, meets tender requirements, free from computational errors, whether the data have been properly filled up, and whether the requisite documents as detailed have been submitted in conformity to the Tender specifications, drawings and conditions.

28. Price bid:

The Price e-Bid through CPP e-portal.

- a) Tenderer should download the “Tender Document” file along with BOQ from the CPP e-tendering portal and upload the digitally signed BOQ file along with desired documents in Envelope-I.
- b) Item rate to be quoted in the column mentioned for that purpose only.
- c) The offer from those contractors who’s digitally signed required documents are not found in “Envelope-I” will not be considered and will stand rejected and Envelope-II (financial bid) of such contractors shall not be opened.
- d) Price bid shall only be accepted in the desired format. No other format shall be accepted.
- e) In case, the condition 28 (d) above is found violated, the tender shall be rejected.

29. REJECTION OF TENDER:

- a) Airports Authority of India reserves the right to reject all the tenders or any of the tender or any part of tender without assigning any reason.
- b) AAI reserves the right at its sole discretion not to award any work under this tender. AAI shall not pay any costs or loss incurred by the tenderers in the preparation and submission of any requisite tender or technical proposal or to procure contract for any of the items described herein.
- c) If the tenderer deliberately gives wrong information or suppress any information in his Tender, AAI reserves the right to reject such tender at any stage or to cancel the contract, if awarded, and in addition to any other appropriate/legal action.
- d) Canvassing in any form in connection with the tenders is strictly prohibited and the tenders submitted by firms who resort to canvassing are liable for rejection.



- e) Any deviation in the Tender submission procedure will be considered as non-responsive bid and liable to be rejected.
 - f) A Tenderer shall submit a responsive bid, failing which his Tender will be liable to be rejected.
 - g) **Tender in which any of the particulars and prescribed information are missing or are incomplete, in any respect and/or prescribed conditions are not fulfilled, shall be considered non-responsive and is liable to be rejected.**
 - h) The tenderer is expected to examine the tender document including all instructions, forms, terms, specifications, drawings, etc. Failure to furnish all information required as per the tender documents or submission of a tender not substantially responsive to the tender document in any respect may result in the rejection of the tender.
 - i) A Tenderer shall submit the Tender which satisfies each and every condition laid down in this notice failing which the Tender will be liable to be rejected.
30. This notice of Tender shall form part of the contract documents. The successful Tenderer/contractor, on acceptance of his Tender by the Accepting Authority, shall within 10 days from the date of award of work sign the contract consisting of Notice inviting Tenders, General conditions of contract, special/additional condition, General and particular specifications, Tender conditions as issued at the time of invitation of Tender and acceptance thereof with any correspondence leading there to.
31. The tender for the work shall not be witnessed by a contractor or a contractor who himself/ themselves has/have tendered or who may have tendered for the same work. Failure to observe this condition would render tender of the contractor tendering as well as witnessing the tender, liable to summarily rejection.
32. Tenderer are advised to inspect and examine the site and its surroundings before submitting the tenders so as to access the nature of the work.
33. AAI shall be the sole judge in the matter of evaluating & accepting, technical bids, Price bids and award of contract and decision of AAI shall be final & binding.
34. AAI reserve the right to verify the credential submitted by the agency at any stage (before or after the award of work) If at any stage, any information / documents submitted by the applicant is found to be incorrect / false or have some discrepancy which disqualifies the firm then AAI shall take the following action:
- a. Forfeit the entire amount of EMD submitted by the firm.
 - b. The agency shall be liable for debarment from tendering for a period deemed fit in AAI in any name/style, apart from any other appropriate contractual / legal action.

35 — **IMPLEMENTATION OF INTEGRITY PACT**

- ~~a) Signing of Integrity Pact Appendix (XVIII) Pg. GCC 121 to 129 is mandatory for every Bidder/ contractor in this procurement/ bid process, the signed original pact to be send to the office of Senior Manager (Engg. — Civil), Airports Authority of India, O/o Airport Director, AAI, Dibrugarh Airport and should reach before the date mentioned in~~



CRITICAL DATA SHEET. Scanned copy of the same may be submitted in the Envelope-I in e-tender portal (refer Annexure-I)

- b) The Bidder/ contractor shall commit itself to ensure taking all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contract or post-contract stage as specified in Section 3 of the integrity pact.
- c) Any breach of the aforesaid provisions by the bidder or any one employed by it or acting on its behalf (whether with or without the knowledge of the Bidder) shall entitle the authority to take all or any one of the actions as specified in Section 6 of the integrity pact.

36. Purchase preference to the Central Public Sector Undertakings shall be given, as applicable, on the date of opening of tender.

37. Signing of Integrity pact is mandatory for every bidder.

The Independent External Monitor (IEM) for this work will be:

1. Mr. J.K. Khanna, (IPS Retd).

A-102, Sector-55,

Noida-201307 (UP).

E-mail: jkkhannaips@yahoo.com

Tel. No: 9810940403 / 0120-4322330

and

2. Dr. Ramabhardan Ramanujam, IAS (Retd.)

44/24, third thrust cross street,

Mandavelipakkam, Chennai-600028

E-mail: raamaanuj@gmail.com

Tel. No: +91-9595511954

The consequences of Integrity pact may be perused on the website:

<http://www.aai.acro/>

All sub-contractors/ associates whose contribution in the project is Rs. 0.50 crores (Rupees Zero point Five crores) or above shall sign Integrity Pact with the authority after the work is awarded to the successful bidder. All bidders shall inform their sub-contractors / associates accordingly.

38. **STANDARD PRINTED CONDITIONS**

Standard printed conditions of the tenderer if any submitted along with the offer will not be accepted.

For and on behalf of

Airports Authority of India

Signature:

Designation:

Date:

Signature of Witness

Signature of Tenderer

Address

Date

**Annexure- B****Standard Operating Procedure for****Online payment, refund and settlement of EMD and Tender Fee through CPP Portal**

e-Tendering brings in economy, efficiency and transparency in the procurement of goods, works and services. CVC are inclined to force implementation of e-Tendering in all Govt. departments & PSUs. Online payment gateway for payment, refund and settlement of EMD and Tender Fee is part of the implementation of e-Tendering system i.e. CPPP <https://etenders.gov.in> .

Stakeholders:

1. **Tender Floating Department:** Airports Authority of India (AAI)
2. **The Technical Service Providers (TSP)** - NIC to facilitate CPP Portal with entire back end process and providing technical support to the Government Dept.
3. **Bank** - AAI has authorized State Bank of India as nodal bank provides payment gateway services and receives Tender fees and Earnest Money Deposits (EMDs) from various bidders participating in e- Tendering/ e-procurement process, holds the amount in Current/Savings Bank account till the time of finalization of tendering process. Bank will settle the Tender Fee of all bidders, Bank will refund EMD to unsuccessful bidders and the EMD of L 1 bidder will remain in the pooling account and after AOC completion on the portal, the L 1 bidders EMD amount will be refunded to their source account. This will be happened as per instruction received from TIA through online portal. Customized MIS will be provided to the Tender Floating Department i.e. AAI.
4. **The Bidders** - The bidders are organizations/corporate/individuals who apply for the tender floated by the tender floating department and participate in the tendering process. Bidders are directly involved in making the use of this e-System for making payments and getting refunds into their accounts.

Eligibility (Prerequisite for e-Tendering)

1. Tender Inviting Authorities (TIA) & the bidders should enroll on CPP Portal <https://etenders.gov.in> to carry out the procurement activities.
2. Portal login will be through two factor authentication i.e. User id & password followed by the login through DSC.
 - TIA must have Digital Signature Certificate (DSC) with Signing and Encipherment feature
 - Bidders must have DSC with Signing feature

Bank Account Details

- a. Common Pooling A/C for EMD and Tender Fee Collection
- b. Tender Fee Settlement A/c for Settlement of Non-refundable Tender Fee amounts
- c. Forfeited EMD Settlement A/c for Settlement of forfeited EMD amounts

Payment gateway for End to End Procedures:**1. Collection Process:**

- a. **Online collection of EMD and Tender Fee:** As per current provision in the portal, TIA will allow the option of **Online Mode** for collection of EMD and Tender Fee while publishing



tender, so that the bidders can deposit these fees through **Net Banking** (SBI and Other Banks) and **NEFT/RTGS**.

- b. **Collection of EMD through Bank Guarantee(BG):** During the tender creation TIA will allow the option of “**EMD through BG or EMD Exemption**” so that bidders will be able to upload the copy of BG or Exemption certificate as per tender terms and condition.

~~*Note: Keeping in the view of running tender status, the portal currently has both online and offline payment options for next few days, after which the offline mode will be disabled.*~~

2. During the collection process the amount will be debited from the bidder account and credited to the collection pooling account of the AAI.
3. Till the tender opening all the collected amount will be residing in the collection pooling account of AAI.

4. Refund and Settlement process:

- a. **Step-I:** After opening the tender, bid submitted successfully along with the online payment, the tender fee settled to 'Tender Fee Settlement Account' and EMD amount will remain in 'Pooling Account'.
- b. **Step-II: On Technical Evaluation:** After submission of technical evaluation report on the CPP portal, the 'EMD of Technically Qualified bidders will remain in the pooling account' and EMD amount of rejected bidders will be refunded to their source account.
- c. **Step-III: On Financial Evaluation:** After submission of financial evaluation report on the CPP portal, the 'EMD of L1 bidder will remain in the pooling account' and EMD amount of rejected bidders will be refunded to their source account.
- d. **Step-IV: EMD Refund of L1:** After AOC completion on the portal, the L1 bidders EMD amount will be refunded to their source account and for this Bid managers are advised to complete the AOC process:
 - Only after receiving the PBG and its confirmation from the bank.
 - or**
 - Adjustment of Security Deposit (SD) as per NIT Condition.

5. In the case of "Cancellation of tender" before opening and "Re-Tender":

- All the submitted amount will be refunded to the bidders.

6. In the case of "Cancellation of tender" after opening and "Re-Tender":

- The tender fee has already settled to the AAI's tender fee settlement account at the EoD of tender opening.
- Now only EMD residing in the collection pooling account, the EMD will be refunded to the bidders.

7. In case of 'Withdraw of bid' by the vendor:

- Procurement system allows the bidder to withdraw till the bid submission closing date, assume that the bidder has paid the amount and withdrawn the bid, eProcurement system will initiate the refund of EMD on the day of tender opening.



8. In case of Revocation Corrigendum:

- If TIA publishes revocation corrigendum to accept the rejected bidder than TIA must ask EMD again via offline mode before publishing the revocation corrigendum because EMD amount has already been refunded or refund initiated to the rejected bidders A/c.

9. Procedure for Forfeiture of EMD through CPP Portal:

Forfeiture activity can be performed at the time of rejection of the bidder.

Step I: Rejected the bidder during the Technical or Financial Evaluation process.

Step II: On the same day, use the menu “Forfeiture Menu” to Forfeit the EMD.

Step III: Select the tender and then the bidder to forfeit the EMD

Step IV: At the end of the day System will settle the Forfeited EMD to “Forfeited EMD Settlement A/c”

Note: *Forfeiture of EMD will have to be claimed on same day of rejection otherwise it will not be available in the system because at the end of the day CPPP will initiate refund to the rejected bidders.*

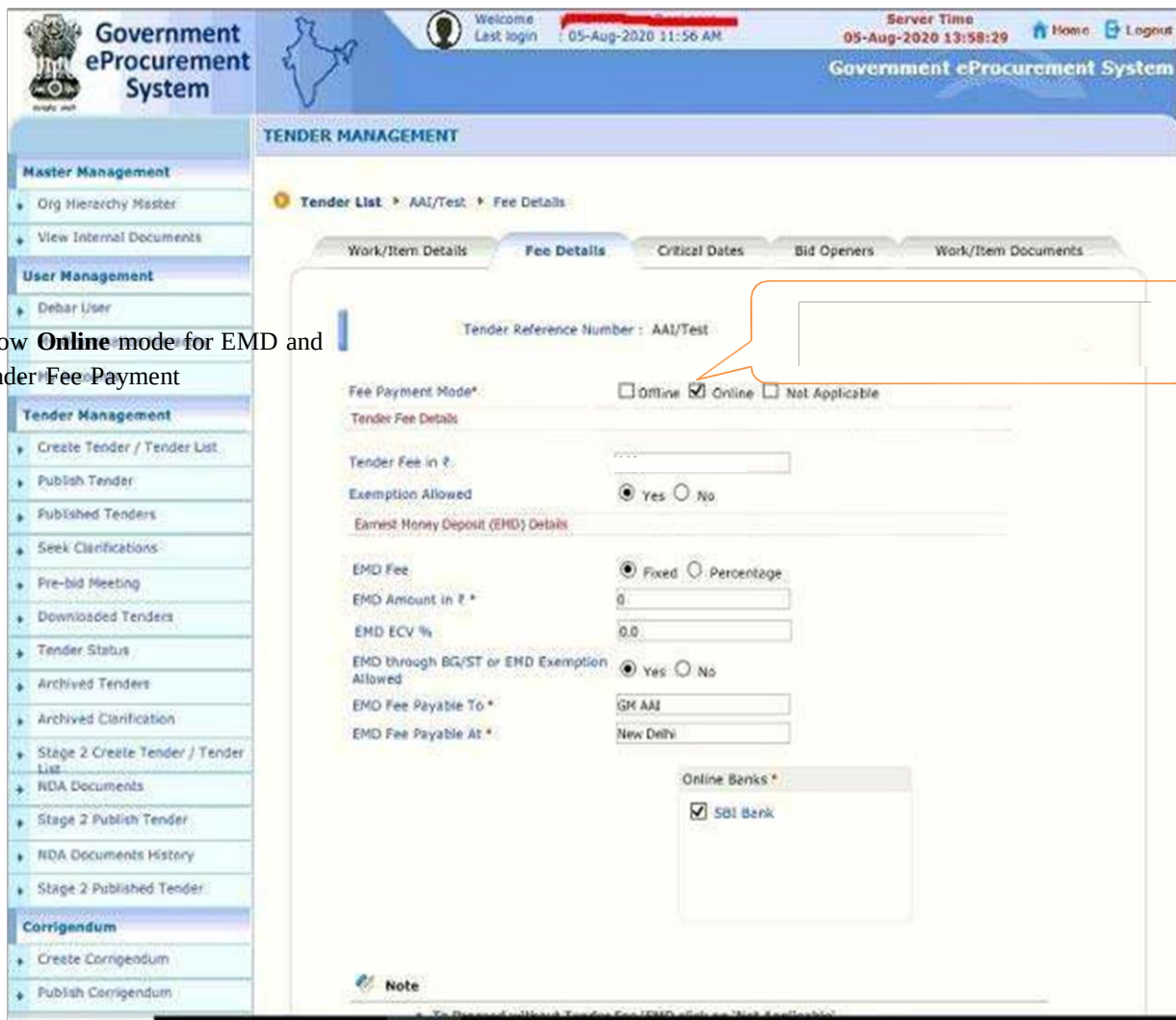
10. Following procedures are attached on subsequent pages:

- a. Procedure to allow the online **Payment Option** in CPP Portal by TIA
- b. Procedure for checking the **Payment Status** by TIA
- c. Procedure for **Online Collection** of EMD and Tender Fee from Bidders

Procedure to allow the Online Payment Option in CPP Portal by TIA

1. TIA/Bid Manager will login to the portal <https://etenders.gov.in/> with valid User ID (i.e. User ID mapped with Digital Signature Certificate) and follow the process of tender creation.
2. After completion of Basic and Cover Details go to next stage for Fee Details and select the option as per below screen:

Allow **Online** mode for EMD and Tender Fee Payment



Government eProcurement System

Welcome Last login : 05-Aug-2020 11:56 AM Server Time 05-Aug-2020 13:58:29 Home Logout

Government eProcurement System

TENDER MANAGEMENT

Tender List > AAI/Test > Fee Details

Work/Item Details Fee Details Critical Dates Bid Openers Work/Item Documents

Tender Reference Number : AAI/Test

Fee Payment Mode* ☐ Offline ☒ Online ☐ Not Applicable

Tender Fee Details

Tender Fee in ₹

Exemption Allowed ☒ Yes ☐ No

Earnest Money Deposit (EMD) Details

EMD Fee ☒ Fixed ☐ Percentage

EMD Amount in ₹ *

EMD ECV %

EMD through BG/ST or EMD Exemption Allowed ☒ Yes ☐ No

EMD Fee Payable To *

EMD Fee Payable At *

Online Banks *

☒ SBI Bank

Note



Government eProcurement System

Welcome Last login : 05-Aug-2020 11:56 AM Server Time 05-Aug-2020 13:57:39 Home Logout

TENDER MANAGEMENT

Tender List AAI/Test Fee Details

Work/Item Details Fee Details Critical Dates Bid Openers Work/Item Documents

Tender Reference Number : AAI/Test

Fee Payment Mode* ☐ Offline ☒ Online ☐ Not Applicable

Tender Fee Details

Tender Fee in ₹

Exemption Allowed ☒ Yes ☐ No

Earnest Money Deposit (EMD) Details

EMD Fee ☒ Fixed ☐ Percentage

EMD Amount in ₹ *

EMD ECV %

EMD through BG/ST or EMD Exemption Allowed ☒ Yes ☐ No

EMD Fee Payable To *

EMD Fee Payable At *

Online Banks *

☒ SBI Bank

Note

Choose Yes option for EMD payment through Bank Guarantee or for EMD Exemption

**Procedure for checking the Payment Status by TIA**

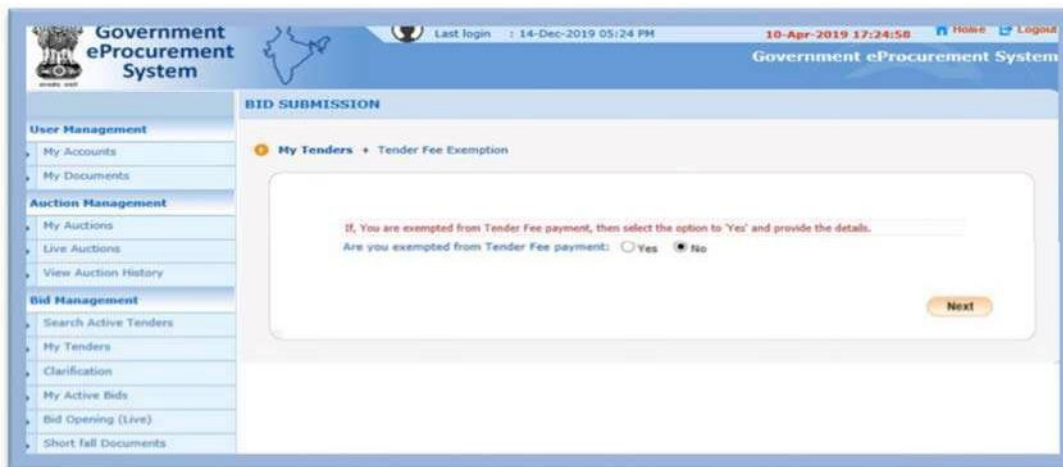
1. Payment confirmation can be find out at the time of Tender Opening process.
2. TIA/Bid Manager will login to the portal <https://etenders.gov.in/> with valid User ID (i.e. User ID mapped with Digital Signature Certificate) and follow the process of tender opening.
3. After opening of tender, click on **first cover** (i.e. Fee Cover) and select Bid Opening or Quick Bid Opening option against each Bidder.
4. Payment status will be checked/verified for Individual Bidders.
5. Click on View Paid Information link and get the bidder details along with Payment detail.
6. If Status is seen as **“Success”** it means that bidder has successfully paid for Tender Fee/EMD Successfully. Screen shot is attached herewith for the reference.

Government eProcurement System		Government eProcurement System	
Bid Submission Confirmation		Date : 30-Jul-2020 06:20 PM	
Print			
Bid Information			
Bid ID :	181504		
Bidder Name :	[REDACTED]		
Organisation Chain :	Airports Authority of India Western Region - AAI AHMEDABAD - AAI ENGG ELECT-VAAH - AAI		
Tender Ref No :	AAI_AH_COMML_112_PPE OUTLET		
Tender ID :	2020_AAI_52772_1		
Tender Title :	PPE Equipment Outlet		
Bid Submitted Date & Time :	19-Jul-2020 05:36 PM		
Corporate Tenderer Details			
Login ID:	satyatraders94@gmail.com	User Type:	Corporate/Bidder
Company Name:	SATYA TRADERS	Registration Number:	AS03E0003466
Registered Address :	Ground Floor, Intuc Complex, K.C. Sen Road, Opp. Tribeni Lodge, Paltan Bazar, Rehabari, Guwahati	Name of Partners / Directors :	SATYANARAYAN ROY
City :	GUWAHATI	State :	Assam
Postal Code :	781008	PAN Number:	ARXPR8246F
Company's Establishment Year (yyyy):	2009	Company's Nature of Business:	TRADING AND SERVICES
Company's Legal Status:	Others	Company Category :	Micro Unit as per MSME
Title :	Mr	Contact Name:	SATYANARAYAN ROY
DOB (Date Of Birth):	12-Apr-1985	Designation :	PROPRIETOR
Correspondence Email:	satyatraders94@gmail.com	Phone :	91 - 0 - 9864036333
Mobile:	91-9864036333		
Bank Response On Payment Details			
eProcurement Ref. Number :	56707181504		
PRN Number :	56707181504		
Bank / UTR Number :	CPAAFAKS08		
Bank Name :	SBI Bank		
Status :	Success		
Tender Fee in ₹ :	2,000		
EMD Fee in ₹ :	50,000		
Total Fee in ₹ :	52,000		

EMD and Tender Fee
both paid successfully

Procedure for Online Collection of EMD and Tender Fee from Bidders

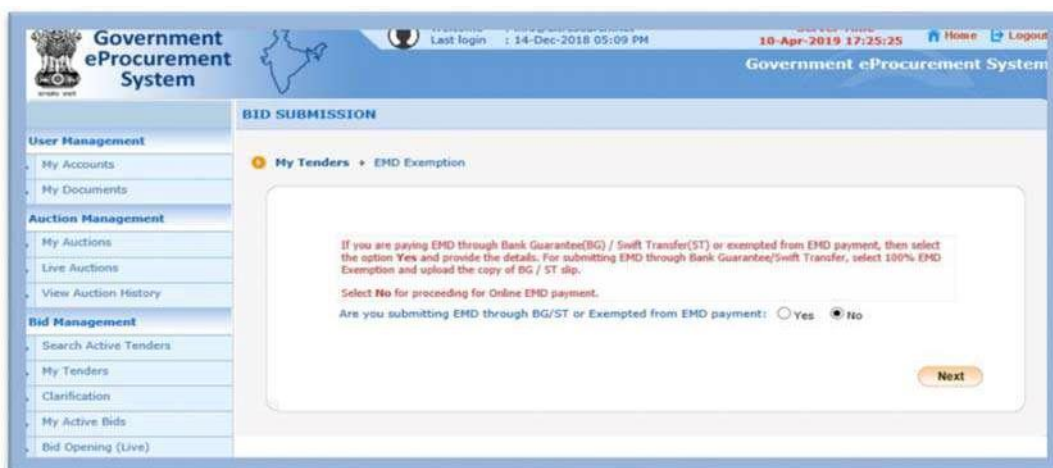
1. Bidder will login to the portal <https://etenders.gov.in/> with valid User ID (i.e. User ID mapped with Digital Signature Certificate) and follow the process of participation to the tender.
2. After Login search the tender in “Search Active Tender” tab with different criteria after that click on “set as favorite” to move on “My Tender”. Then click on “My tender” and view the tender details and click on proceed for Bid Submission.
3. For submission of online Tender Fee and EMD, click on Button as “Pay Online”
4. **In case of Tender Fee:** If the Bidder is exempted from the tender fee payment, then select the option to “Yes” other wise “NO” as per below screenshot:



5. **In case of EMD:** If Bidder is paying EMD through any of below options, Select the option “Yes” (as per below screenshot) and provide the details and upload copy as a proof.
 - Bank Guarantee (BG)/Swift Transfer (ST)
 - Exempted from EMD Payment,

Note: For submitting “EMD through BG/ST” or “Exemption from EMD payment” bidder must select “Yes” otherwise bidders will not have the option to pay EMD through Bank Guarantee. Once proceeded it is not possible to revert the option.

6. Select option “NO” (as per below screenshot) for proceeding for Online EMD payment.



After selecting the option, click on “Next” Button as per above screenshot. Further process to be followed as per subsequent screen.

**STEPS FOR MAKING TENDER PAYMENTS IN ETENDERS SYSTEM VIA SBI BANK GATEWAY**

(SBI AND NON SBI ACCOUNT HOLDERS)

Home Page.

Login as a bidder into etenders.gov.in to proceed for payment.





Step 1) Click “Pay Online” when you reach below page while Online Bid Submission.

User Management

My Accounts

My Documents

Auction Management

My Auctions

Live Auctions

View Auction History

Bid Management

Search Active Tenders

My Tenders

Clarification

My Active Bids

Bid Opening (Live)

Short fall Documents

Online Payment Status

My Bids History

Short Fall Documents History

Archived Clarification

Tender Status

My Withdrawn Bids

BID MANAGEMENT

My Tenders → 2018_LSGD_204397_1 → Transaction Message

Organization Chain : NIC||NIC Contracts

Tender Reference Number : PW3/23401/18

Tender ID : 2018_LSGD_204397_1

Tender Title : PW3/23401/18 PRO.NO.604/18-19 DVN-30 VARIOUS LANES INTERLOCKING AND CONCRETING

Bid Process List

S.No	Bid Process	Action
1	Profile	

Bid Payment Details

S.No	Fee Type	Actual Fee	Exempted Fee	Fee To Be Paid	Paid Fee
1	Tender Fee	2500.00 (INR)	0.00	2500.00 (INR)	0.00
2	Emd Fee	37500.00 (INR)	0.00	37500.00 (INR)	0.00

Pay Online

Encrypt&Upload

Version:1.09.06 04-Feb-2018

(c) 2008 Tenders NIC, All rights reserved.



Step 2) Click “Confirm to Pay” to proceed with the payment gateway, as below.

Note: Please ensure that you have availed Tender Fee / EMD Exemption, if eligible. Further, there would not be any provision to change back, under any circumstances.

BID MANAGEMENT

Offline/OnLine Payment Confirmation

Organization Chain : NIC||NIC Contracts
Tender Reference Number : PW3/23401/18
Tender ID : 2018_LSGD_204397_1
Tender Title : PW3/23401/18 PRO.NO.604/18-19 DVN.30 VARIOUS LANES INTERLOCKING AND CONCRETING

Bid Payment Details				
S.No	Fee Type	Actual Fee	Exempted Fee	Fee To Be Paid
1	Tender Fee	2128.00 (INR)	0.00	2128.00 (INR)
2	Emd Fee	23100.00 (INR)	0.00	23100.00 (INR)

Portal Alert :

- Beyond this stage, you will not be able to edit Fee or Exemption details.
- Please confirm that the exemption and amount to be paid are correct.

I hereby confirm that the above payment details are correct.

Back Confirm to Pay

Version:1.09.06 04-Feb-2018 (c) 2008 Tenders NIC, All rights reserved.



Step3) Verify that the Tender fee and EMD shown are correct, as per tender document. Then, select the payment option **SBI MOPS** and Submit, as below.

Note: In case of any mismatch in tender payments, with reference to tender documents, please contact TIA for clarifications.

BID MANAGEMENT

OnLine Payment Gateway

Organization Chain : NIC||NIC Contracts
Tender Reference Number : PW3/23401/18
Tender ID : 2018_LSGD_204397_1
Tender Title : PW3/23401/18 PRO.NO.604/18-19 DVN.30 VARIOUS LANES INTERLOCKING AND CONCRETING

Fee Type	Actual Fee	Exempted Fee	Fee To be Paid
Tender Fee	2,500	0	2,500
Emd Fee	37,500	0	37,500
Total Fee			40,000

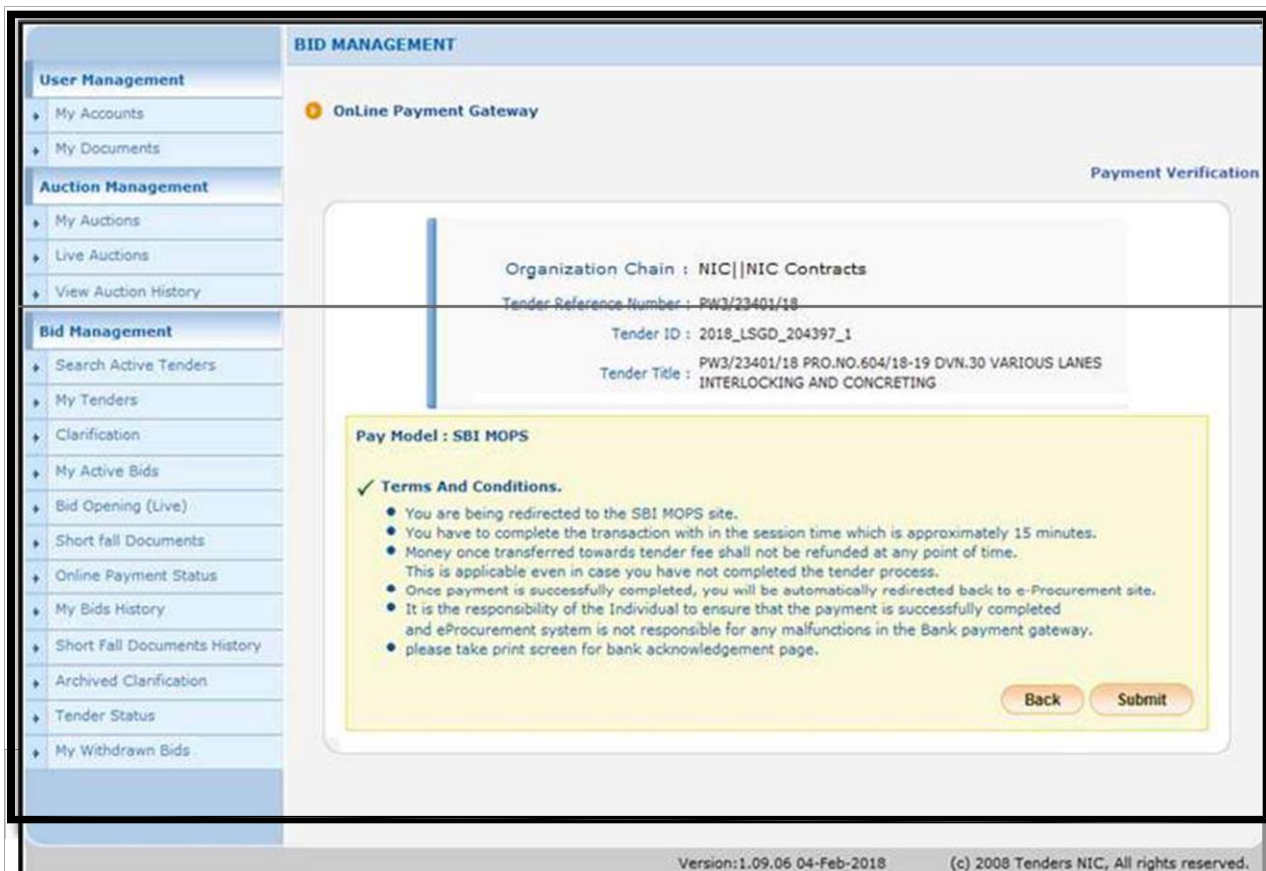
Choose Payment Option

☒ SBI MOPS

Back Submit

Version:1.09.06 04-Feb-2018 (c) 2008 Tenders NIC, All rights reserved.

Step 4) Check and Follow the **Terms and Conditions**, and then **Submit**, as below.



BID MANAGEMENT

OnLine Payment Gateway

Payment Verification

Organization Chain : NIC||NIC Contracts

Tender Reference Number : PW3/23401/18

Tender ID : 2018_LSGD_204397_1

Tender Title : PW3/23401/18 PRO.NO.604/18-19 DVN.30 VARIOUS LANES INTERLOCKING AND CONCRETING

Pay Model : SBI MOPS

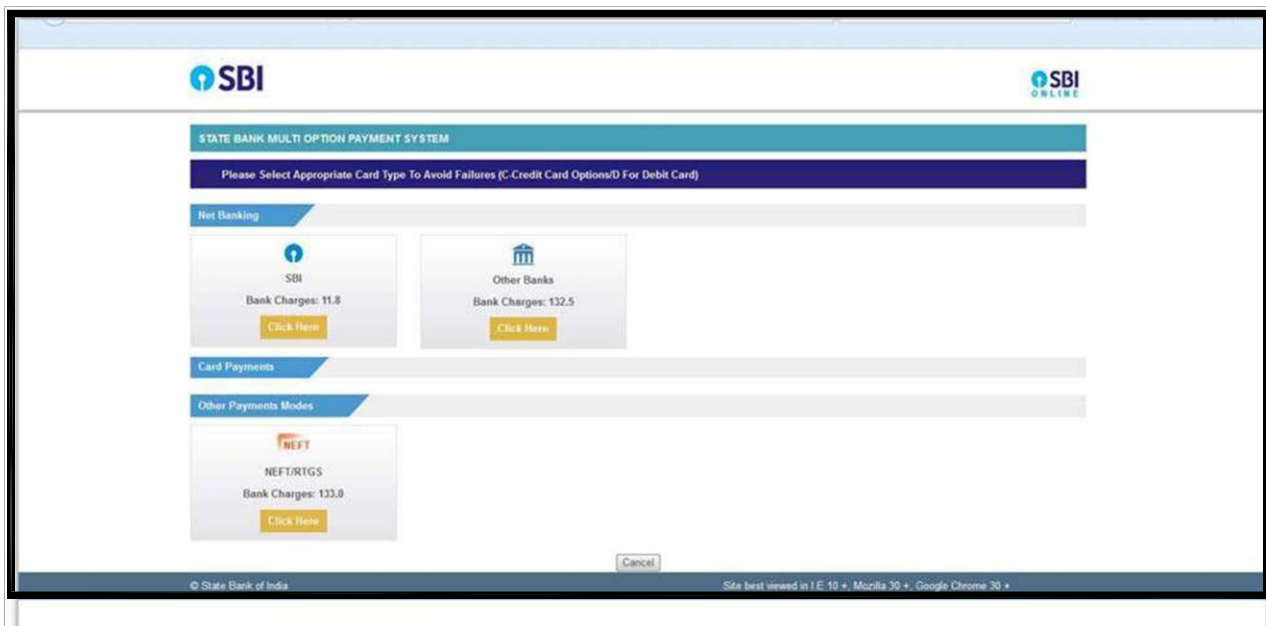
✓ **Terms And Conditions.**

- You are being redirected to the SBI MOPS site.
- You have to complete the transaction with in the session time which is approximately 15 minutes.
- Money once transferred towards tender fee shall not be refunded at any point of time. This is applicable even in case you have not completed the tender process.
- Once payment is successfully completed, you will be automatically redirected back to e-Procurement site.
- It is the responsibility of the Individual to ensure that the payment is successfully completed and eProcurement system is not responsible for any malfunctions in the Bank payment gateway.
- please take print screen for bank acknowledgement page.

Back Submit

Version:1.09.06 04-Feb-2018 (c) 2008 Tenders NIC, All rights reserved.

Step 5) Bidders may choose the type of transaction and proceed for payment.



SBI ONLINE

STATE BANK MULTI OPTION PAYMENT SYSTEM

Please Select Appropriate Card Type To Avoid Failures (C-Credit Card Options/D For Debit Card)

Net Banking

SBI
Bank Charges: 11.8
Click Here

Other Banks
Bank Charges: 132.5
Click Here

Card Payments

Other Payments Modes

NEFT
NEFT/RTGS
Bank Charges: 133.8
Click Here

Cancel

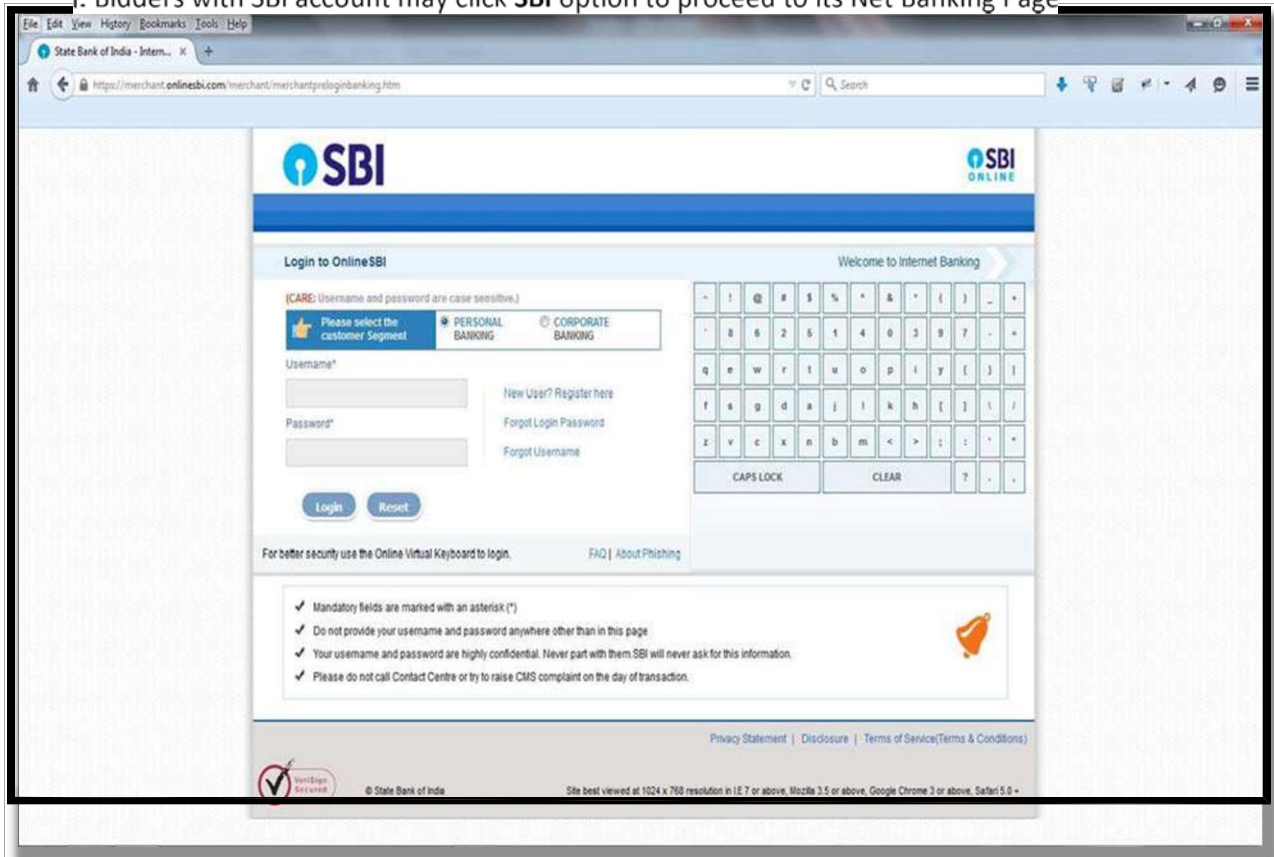
© State Bank of India Site best viewed in I.E.10 +, Mozilla 30 +, Google Chrome 30 +

Once the Payment type is selected it navigates to the respective landing page.

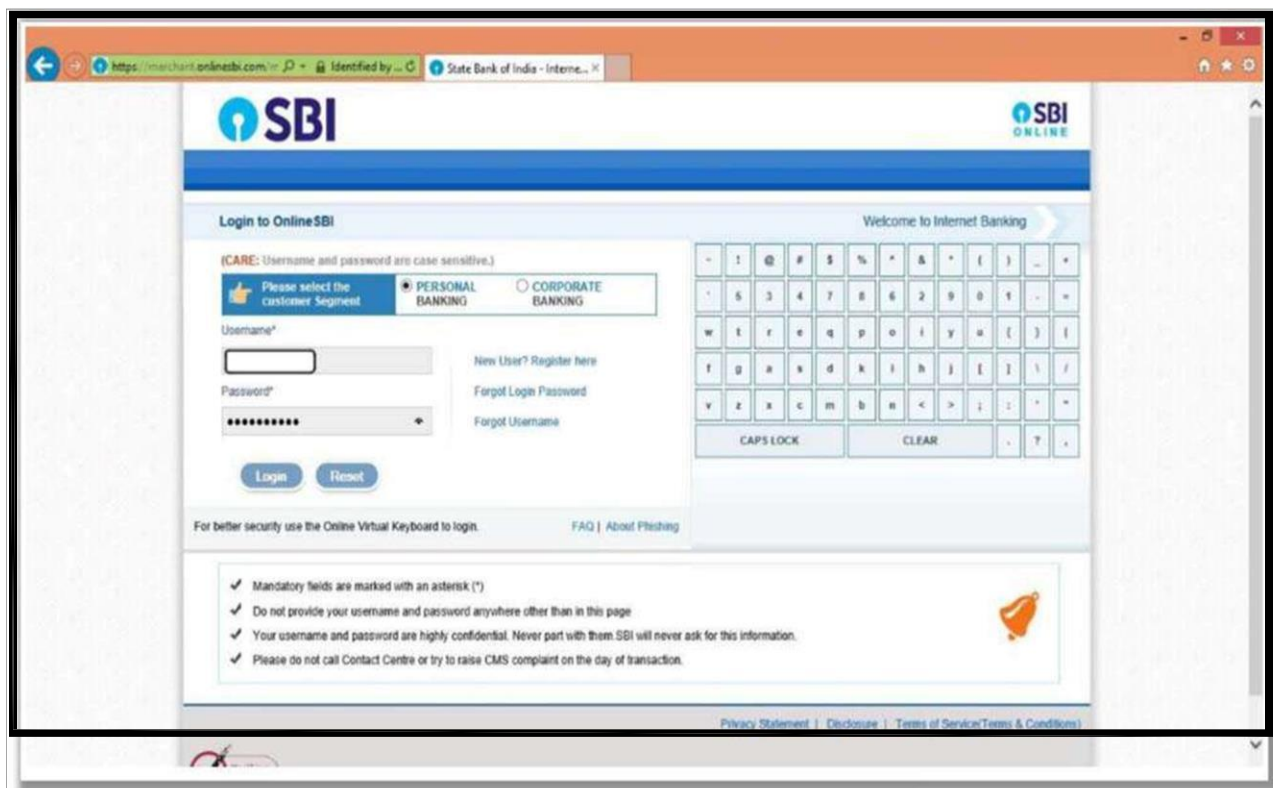
Step 6)

a) SB

i. Bidders with SBI account may click **SBI** option to proceed to its Net Banking Page

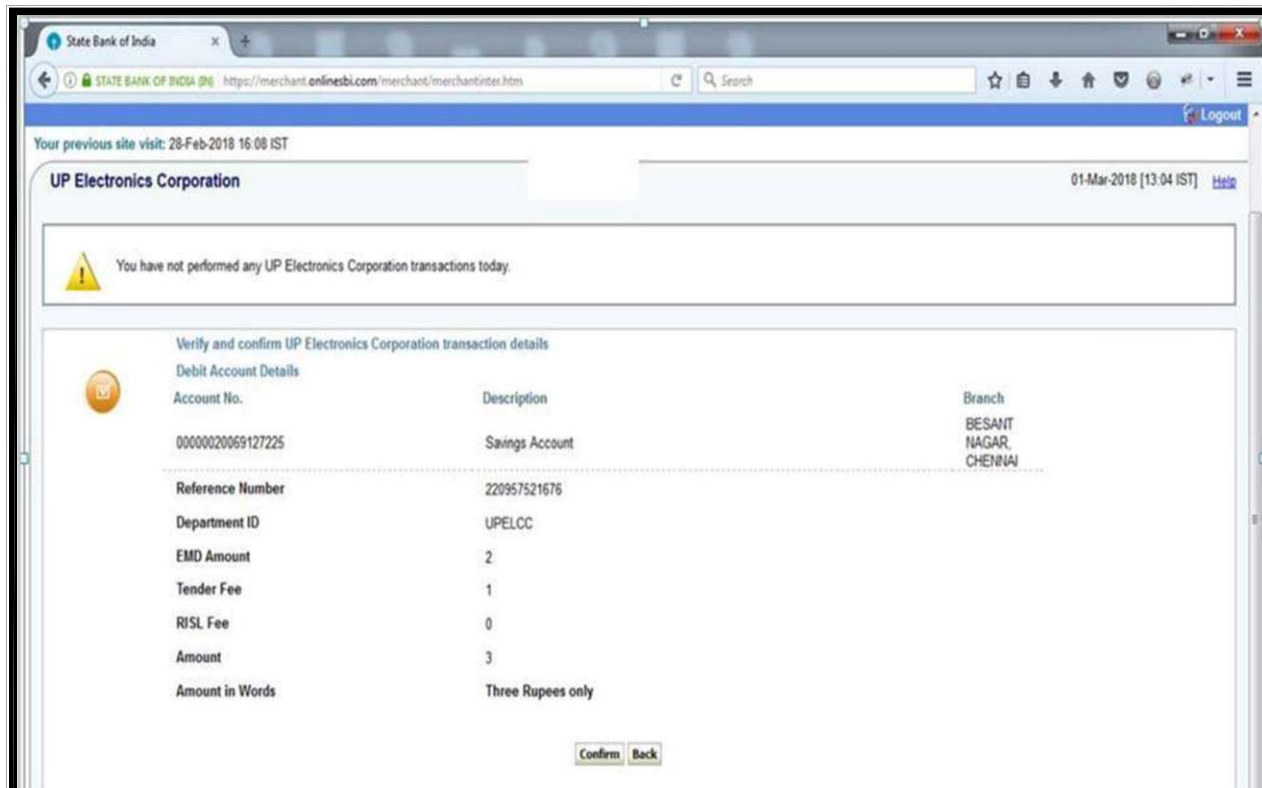


ii. Bidders may enter SBI Net banking user ID and Password and Click on **Login** to proceed.



The screenshot displays the SBI Online Banking login interface. At the top, the SBI logo and 'SBI ONLINE' text are visible. Below this, the 'Login to OnlineSBI' section includes a note: '(CARE: Username and password are case sensitive.)'. Users are prompted to 'Please select the customer Segment' with options for 'PERSONAL BANKING' (selected) and 'CORPORATE BANKING'. The login form contains fields for 'Username*' and 'Password*', both marked with an asterisk to indicate they are mandatory. To the right of the password field are links for 'New User? Register here', 'Forgot Login Password', and 'Forgot Username'. A 'Login' button and a 'Reset' button are positioned below the password field. On the right side of the login area is a 'Welcome to Internet Banking' message and a virtual keyboard with buttons for numbers, letters, and symbols. Below the login form, a security notice states: 'For better security use the Online Virtual Keyboard to login.' and provides links for 'FAQ' and 'About Phishing'. At the bottom, a list of security tips is provided, including: 'Mandatory fields are marked with an asterisk (*)', 'Do not provide your username and password anywhere other than in this page', 'Your username and password are highly confidential. Never part with them. SBI will never ask for this information.', and 'Please do not call Contact Centre or try to raise CMS complaint on the day of transaction.' The page footer includes links for 'Privacy Statement', 'Disclosure', 'Terms of Service', and 'Terms & Conditions'.

iii. Please ensure that your account has sufficient balance, before proceeding further. After checking the same, Click **Confirm** button as below, to transfer payment. After account debit, MOPS gateway will automatically re-direct to the eProcurement System, with the Success transaction.



State Bank of India x +

STATE BANK OF INDIA (IN) https://merchant.onlinesbi.com/merchant/merchantinter.htm

Your previous site visit: 28-Feb-2018 16:08 IST

UP Electronics Corporation 01-Mar-2018 [13:04 IST] [Logout](#)

 You have not performed any UP Electronics Corporation transactions today.

Verify and confirm UP Electronics Corporation transaction details

Debit Account Details

Account No.	Description	Branch
00000020069127225	Savings Account	BESANT NAGAR, CHENNAI

Reference Number: 220957521676

Department ID: UPELCC

EMD Amount: 2

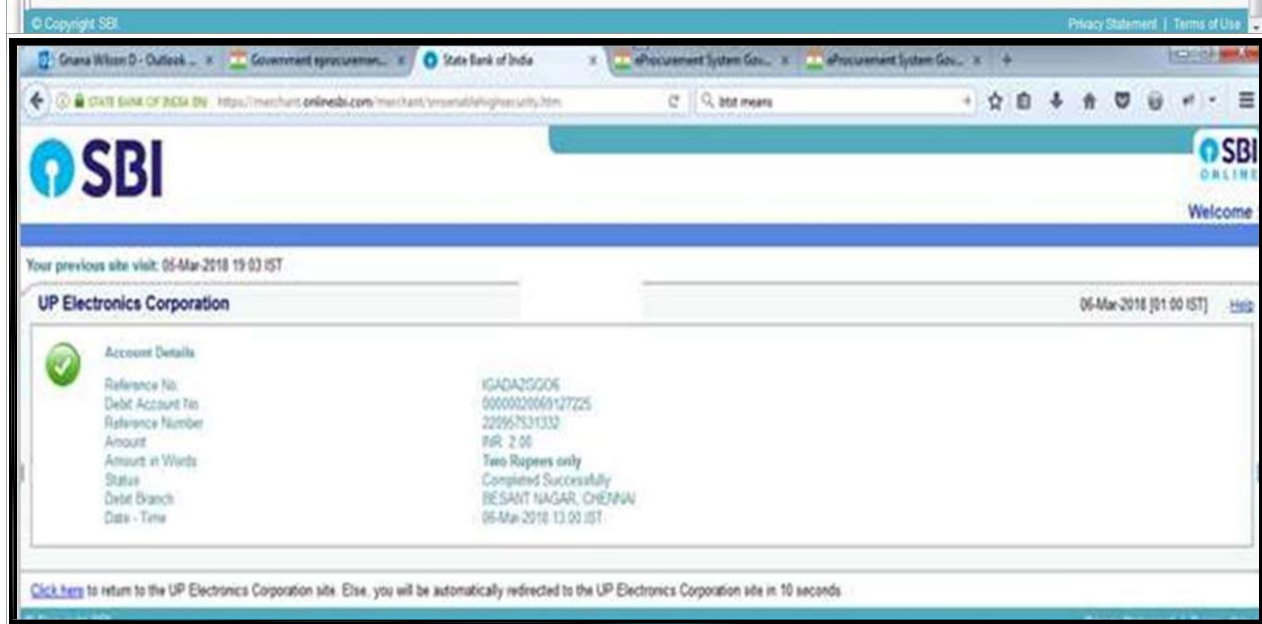
Tender Fee: 1

RISL Fee: 0

Amount: 3

Amount in Words: Three Rupees only

[Confirm](#) [Back](#)



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State Bank of India x +

STATE BANK OF INDIA (IN) https://merchant.onlinesbi.com/merchant/merchantinter.htm

Your previous site visit: 05-Mar-2018 19:03 IST

UP Electronics Corporation 06-Mar-2018 [01:00 IST] [Logout](#)

 Account Details

Reference No.	IGADA2GG06
Debit Account No.	00000020069127225
Reference Number	220957531332
Amount	INR: 2.00
Amount in Words	Two Rupees only
Status	Completed Successfully
Debit Branch	BESANT NAGAR, CHENNAI
Date - Time	06-Mar-2018 13:00 IST

[Click here](#) to return to the UP Electronics Corporation site. Else, you will be automatically redirected to the UP Electronics Corporation site in 10 seconds.



iv. As in below, you will receive bank response immediately by verifying the payment status, whether **Success** or not. In case, payment was debited from account and further, **Payment Failure** is shown, immediately contact the eProcurement helpdesk, for resolution, before tender closing time.

Click **Next** to go to Bid Preparation details, as in screenshot.

The screenshot displays the 'BID MANAGEMENT' section of a web application. On the left is a navigation menu with categories like 'User Management', 'Auction Management', and 'Bid Management'. The main content area shows a confirmation message: 'Your Online transaction has been completed successfully.' Below this, it lists tender details: 'Organization Chain : NIC||NIC Contracts', 'Tender Reference Number : PW3/23401/18', 'Tender ID : 2018_LSGD_204397_1', and 'Tender Title : PW3/23401/18 PRO.NO.604/18-19 DIVN.30 VARIOUS LANES INTERLOCKING AND CONCRETING'. A 'Bank Response On Payment Details' box contains the following information: eProcurement Ref. Number : 220957531332, PRN Number : 220957531332, Bank / UTR Number : IGADA2GG06, Bank Name : SBI Bank, Status : Success, Status Description : Completed successfully, Tender Fee in ₹ : 1, EMD Fee in ₹ : 1, and Total Fee in ₹ : 2. A 'Next' button is located at the bottom right of the details box.



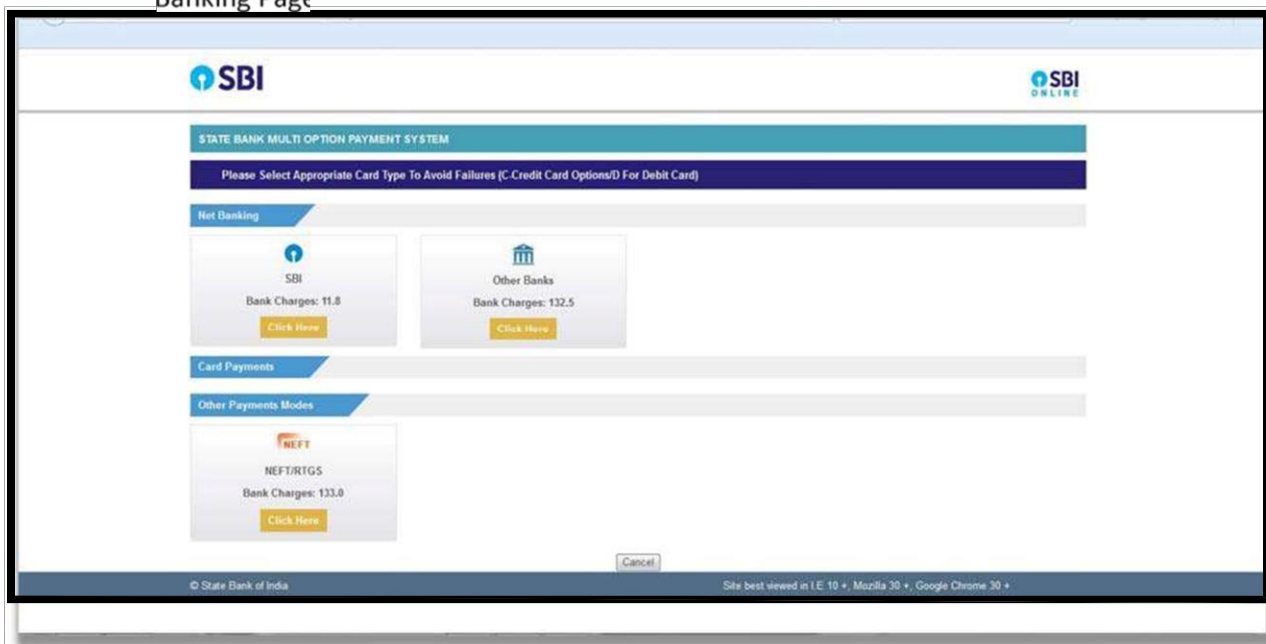
v. Please ensure that the **Pay Online** option is not shown after successful payment, as below, for confirmation. From here, you may proceed with **Encrypt and Upload** to upload tender documents, and further submission process.

The screenshot displays the 'BID MANAGEMENT' section of a web application. On the left is a sidebar menu with categories like 'User Management', 'Auction Management', and 'Bid Management'. The main content area shows details for a specific tender: '2018_KSITM_203916_2'. It lists the organization chain as 'NIC||NIC Contracts', the tender reference number as 'PW3/23401/18', and the tender ID as '2018_LSGD_204397_1'. The tender title is 'PW3/23401/18 PRO.NO-604/18-19 CIVN-30 VARIOUS LANES INTERLOCKING AND CONCRETING'. Below this, there is a 'Bid Process List' table with one entry: 'Profile'. At the bottom, a 'Bid Payment Details' table shows two rows: 'Tender Fee' (Actual: 1.00 INR, Paid: 1.00 INR) and 'Emd Fee' (Actual: 2.00 INR, Paid: 2.00 INR). An 'Encrypt&Upload' button is visible at the bottom right of the main content area.

S.No	Fee Type	Actual Fee	Exempted Fee	Fee To Be Paid	Paid Fee
1	Tender Fee	1.00 (INR)	0.00	0.00	1.00 (INR)
2	Emd Fee	2.00 (INR)	0.00	0.00	2.00 (INR)

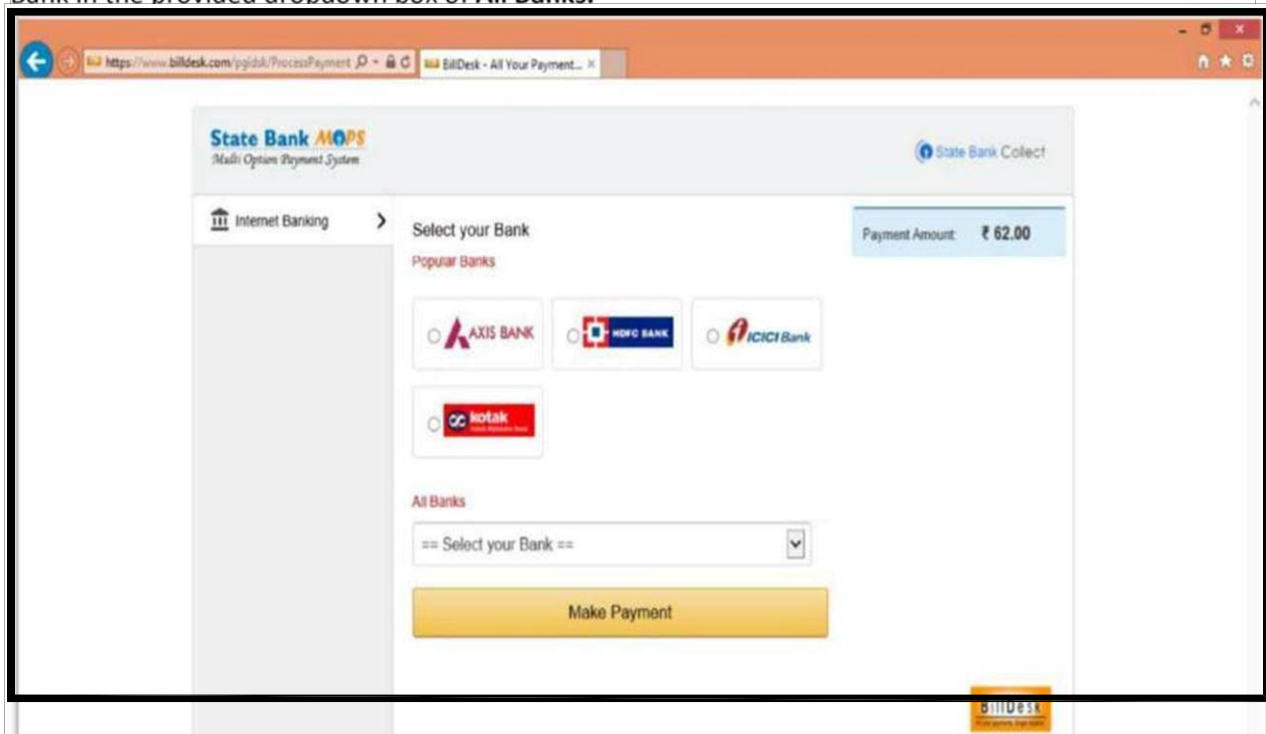
b) OTHER BANKS :

- i. bank click option to proceed to SBI Net Banking Page other account may Other Banks

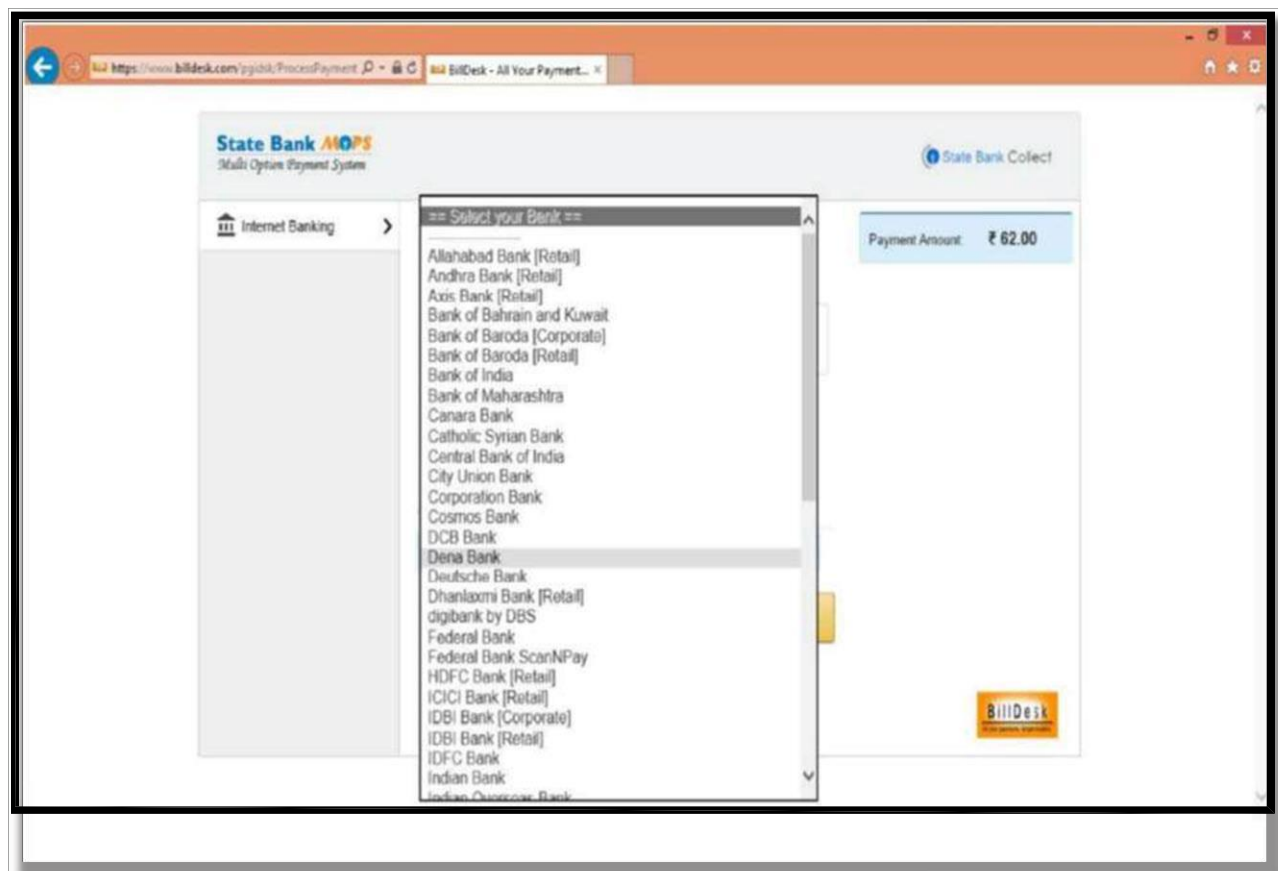


The screenshot shows the SBI Net Banking Multi Option Payment System interface. It includes a header with the SBI logo and 'SBI ONLINE'. Below the header, there is a section titled 'STATE BANK MULTI OPTION PAYMENT SYSTEM' with a note: 'Please Select Appropriate Card Type To Avoid Failures [C-Credit Card Options/D For Debit Card]'. The main content area is divided into three sections: 'Net Banking', 'Card Payments', and 'Other Payments Modes'. Under 'Net Banking', there are two options: 'SBI' (Bank Charges: 11.5) and 'Other Banks' (Bank Charges: 132.5). Both options have a 'Click Here' button. Under 'Card Payments', there is a 'Click Here' button. Under 'Other Payments Modes', there is a 'NEFT' option (Bank Charges: 133.0) with a 'Click Here' button. At the bottom, there is a 'Cancel' button and a footer with the text '© State Bank of India' and 'Site best viewed in I.E. 10 +, Mozilla 20 +, Google Chrome 30 +'.

You may select the appropriate Bank from selection page. As an example, we are proceeding with ICICI Bank in the provided dropdown box of All Banks.

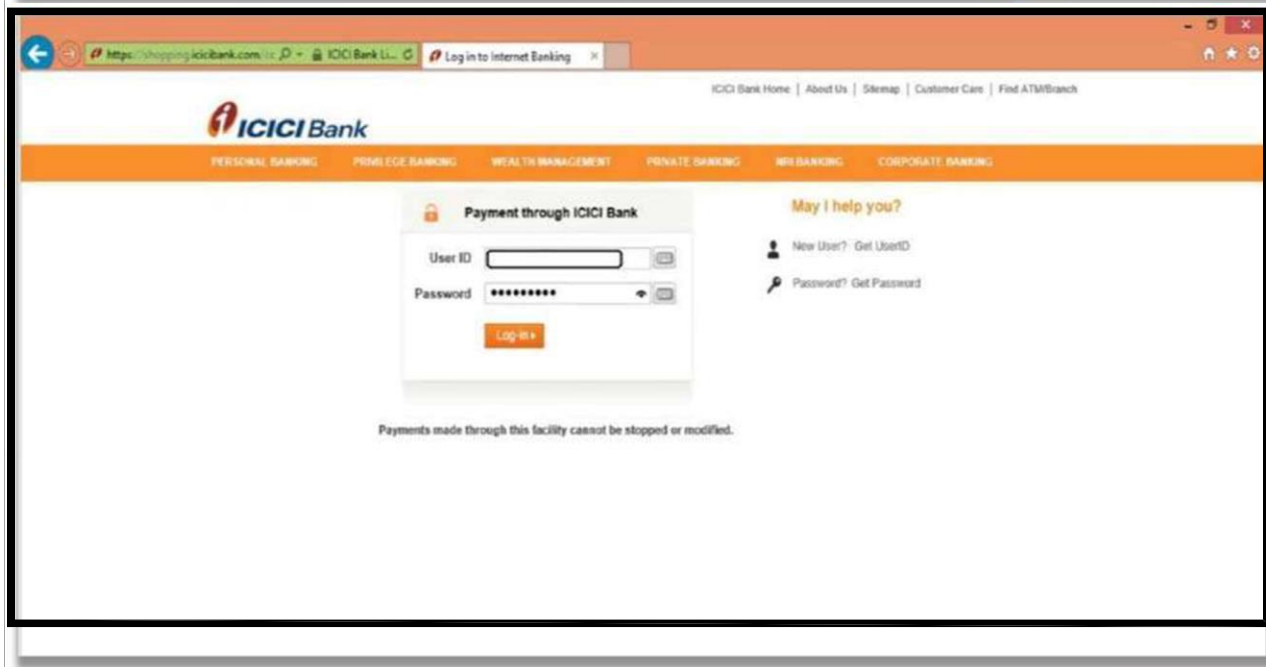
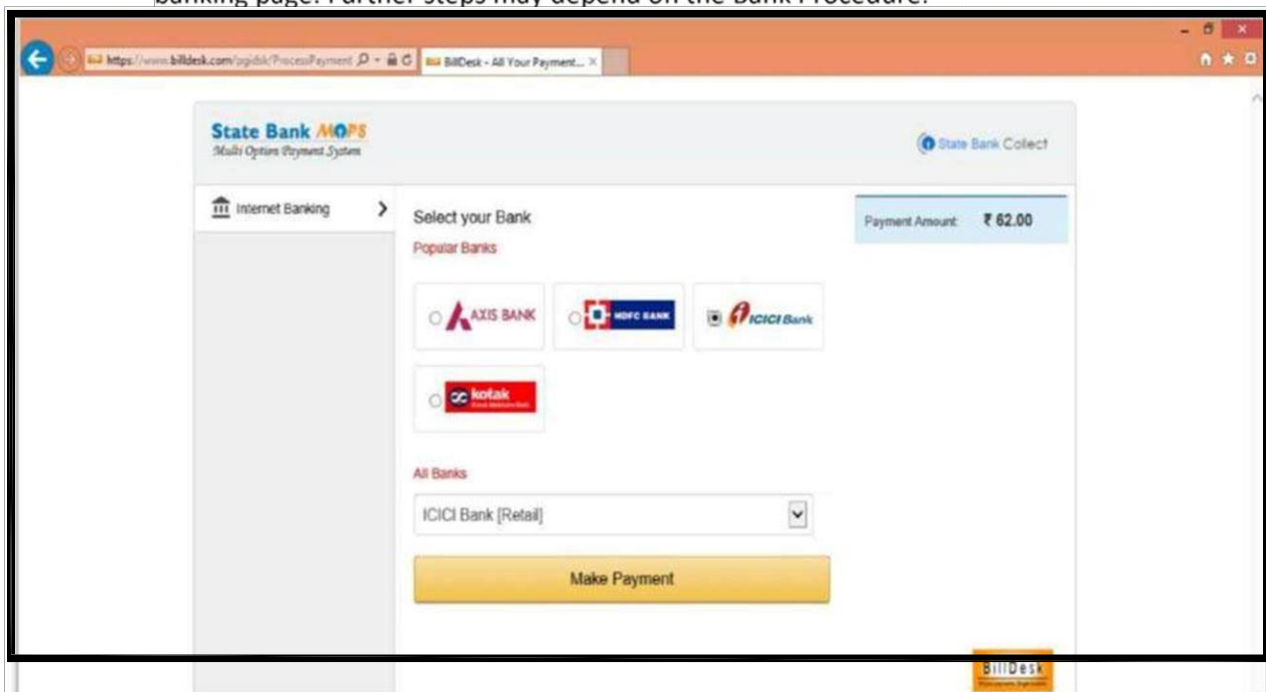


The screenshot shows the State Bank MOPS Multi Option Payment System interface. It includes a header with the State Bank MOPS logo and 'State Bank Collect'. Below the header, there is a section titled 'Internet Banking' with a 'Select your Bank' dropdown menu. The dropdown menu is open, showing 'Popular Banks' (AXIS BANK, HDFC BANK, ICICI Bank, Kotak) and 'All Banks' (a dropdown menu with 'Select your Bank' as the selected option). The payment amount is ₹ 62.00. At the bottom, there is a 'Make Payment' button.



ii.

After selecting ICICI Retail Banking, Click **Make Payment** Button to proceed to its internet banking page. Further steps may depend on the Bank Procedure.





[https://shopping.icicibank.com/...](#) Identified by ... [Make a Payment](#)

PRIVILEGE **ICICI Bank**

About Us | Customer Care | Find ATM/Branch

Make a Payment

You now have the option of paying from either your savings account or Pockets wallet.

Payment Details

Pay From

Pay To

Amount (INR)

Remarks

[Click here to view terms & conditions.](#)

Notes:

1. By clicking on the 'Pay' button, you are agreeing to the terms and conditions as given above.
2. After clicking the 'Pay' button, please wait for sometime while we pass on your payment details to the biller.
3. Please do not refresh or close the browser window.
4. Please check the status of the payment with the merchant after 7 days of transaction date. In case the merchant does not update the payment within 7 days, please contact our [24x7 Customer Care](#) for further assistance.

Customer Service:
Customer Care Numbers

Useful Links:
[Get User ID](#) | [Ways To Bank](#) | [Online Banking](#) | [Savings Account](#) | [PPF](#) | [Personal Finance Tools](#) | [Firm Center](#) | [Gold Rate Today](#) | [Media Gallery](#) | [Credit](#)

Visit Other ICICI Bank Sites:
[ICICI Group](#) | [ICICI Foundation](#) | [ICICI Lombard General Insurance](#) | [ICICI Securities](#) | [ICICI Prudential Life Insurance](#) | [ICICI Prudential AMC](#) | [ICICI Venture](#) | [ICICI Direct](#) | [ICICI Financial Consulting](#) | [ICICI Home Finance](#) | [Entrustee The Bank of Rajasthan](#) | [Careers](#) | [Bahrain](#) | [Canada](#) | [Germany](#)



Confirm Details

Details

Pay From

Pay To State Bank Of India - INB Dept.(BILL DESK BPC)

Amount (INR) 62.00

Remarks

Please enter these details to authorize the transaction

Grid Card

Please enter the following digits of your Debit Grid (This will be on the back of your card) for Account Number: 086601507890

B H J

Payment Successful

Your payment of INR 62.00 has been made successfully to State Bank Of India - INB Dept (BILL DESK BPC)

Your Merchant Reference Number is NICK285234178

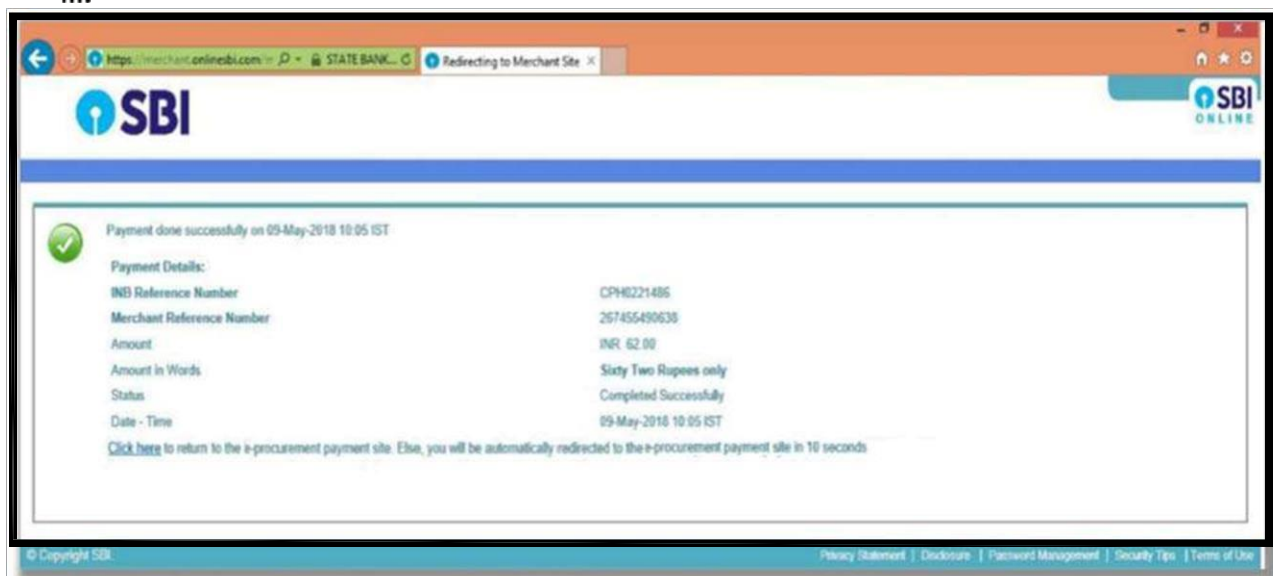
Your Transaction Reference Number is 144356349

Kindly wait while we pass on your payment confirmation to State Bank Of India - INB Dept (BILL DESK BPC)

Please Note : For any transaction related queries, please contact the merchant and quote the Merchant Reference Number mentioned above

After, successful payment, system will direct you to payment confirmation page.

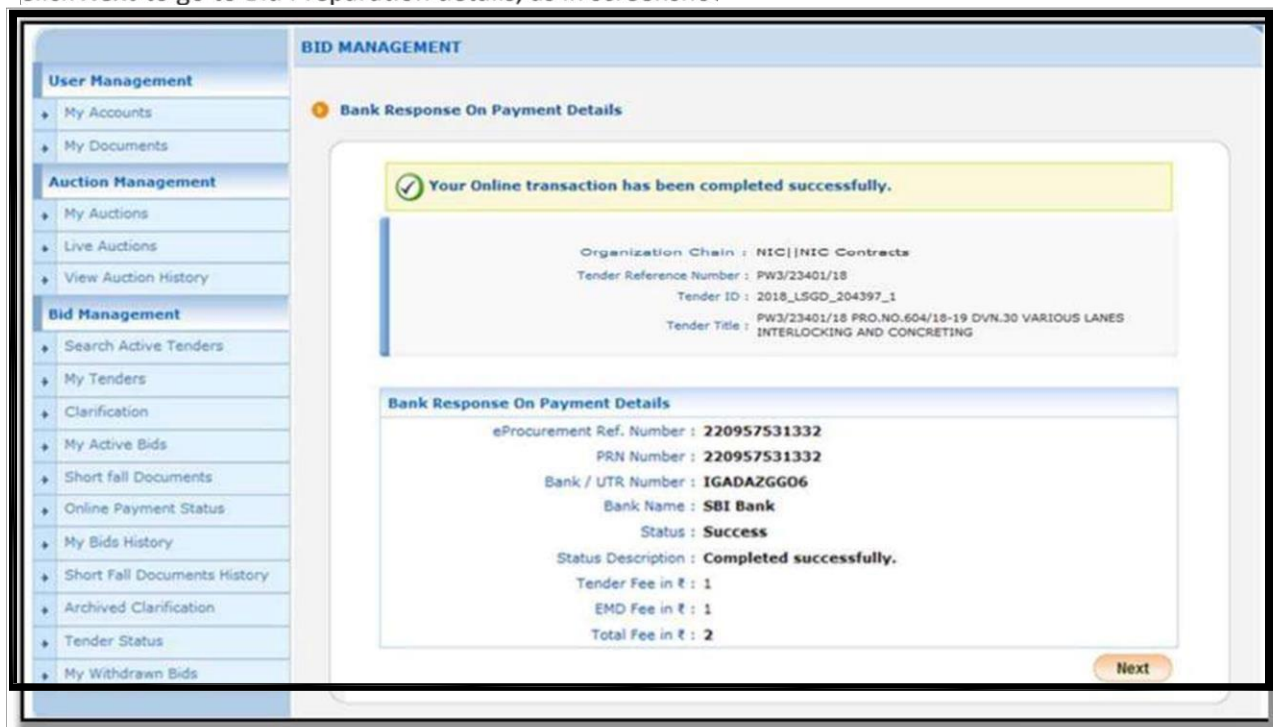
iii.



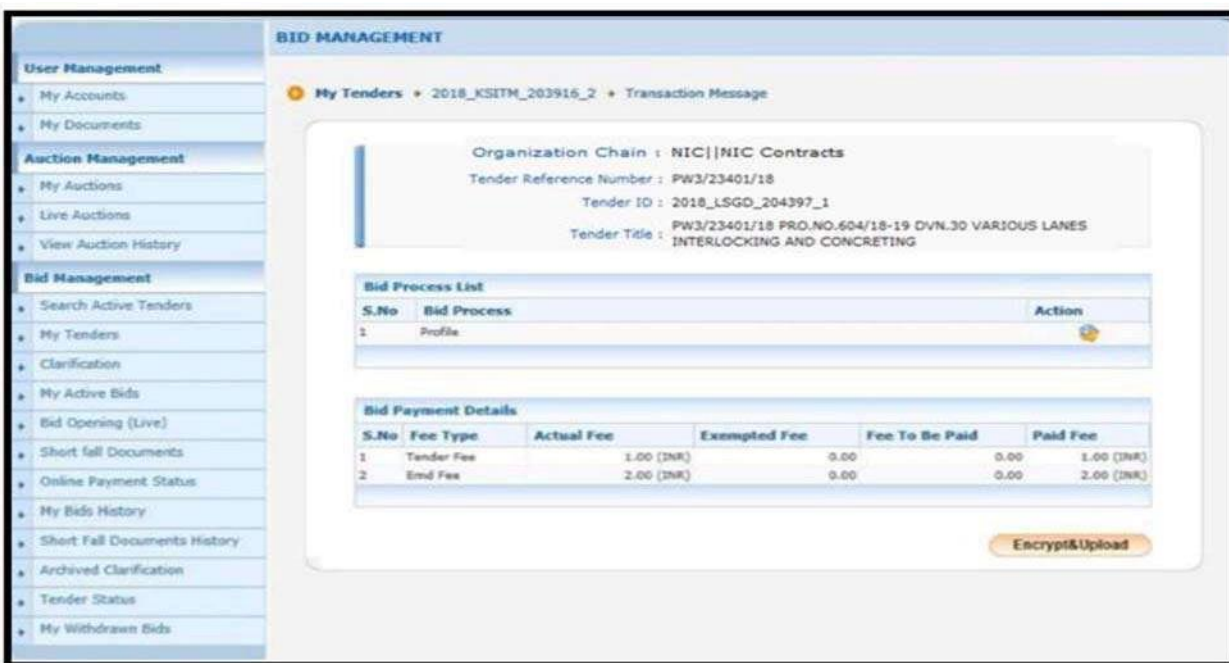
iv.

As in below, you will receive bank response immediately by verifying the payment status, whether Success or not. In case, payment was debited from account and further, **Payment Failure** is shown, immediately contact the eProcurement helpdesk, for resolution, before tender closing time.

Click **Next** to go to Bid Preparation details, as in screenshot.



v. Please ensure that the **Pay Online** option is not shown after successful payment, as below, for confirmation. From here, you may proceed with **Encrypt and Upload** to upload tender documents, and further submission process.



BID MANAGEMENT

My Tenders • 2018_KSITH_203915_2 • Transaction Message

Organization Chain : NIC||NIC Contracts
Tender Reference Number : PW3/23401/18
Tender ID : 2018_LSGD_204397_1
Tender Title : PW3/23401/18 PRO.NO.604/18-19 D/VN.30 VARIOUS LANES INTERLOCKING AND CONCRETING

Bid Process List

S.No	Bid Process	Action
1	Profile	

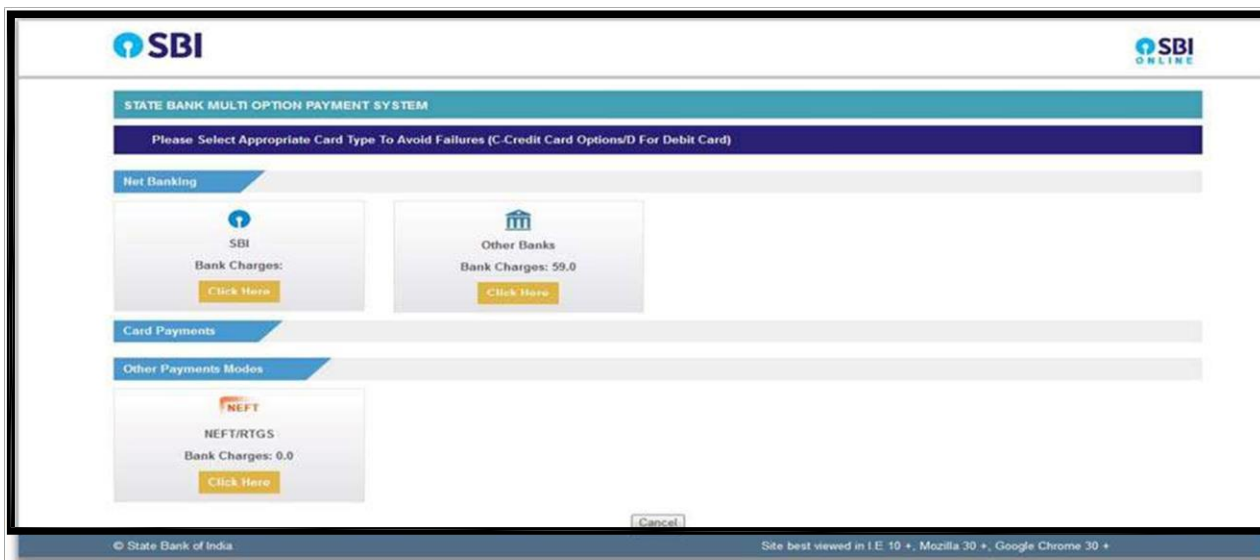
Bid Payment Details

S.No	Fee Type	Actual Fee	Exempted Fee	Fee To Be Paid	Paid Fee
1	Tender Fee	1.00 (INR)	0.00	0.00	1.00 (INR)
2	Emd Fee	2.00 (INR)	0.00	0.00	2.00 (INR)

Encrypt&Upload

c) NEFT/RTGS

(i) Bidders may choose the type of transaction and proceed for payment.



SBI ONLINE

STATE BANK MULTI OPTION PAYMENT SYSTEM

Please Select Appropriate Card Type To Avoid Failures (C-Credit Card Options/D For Debit Card)

Net Banking

SBI Bank Charges: [Click Here](#)

Other Banks Bank Charges: 59.0 [Click Here](#)

Card Payments

Other Payments Modes

NEFT

NEFT/RTGS Bank Charges: 0.0 [Click Here](#)

[Cancel](#)

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(ii) Please click the check Box to proceed to the payment and click on the Confirm Button



SBI

Disclaimer Clause

SBI does not have any control over third party websites and accepts no responsibility or liability for any of the material contained on those servers. You will be using such third party websites at your own risk and responsibility and SBI will not be responsible for any loss, damage, costs & charges, direct or indirect incurred by you, arising out of or in connection with your access to the external website or for any deficiency in the products and services of the third party or for the failure or disruption of the website of the third party.

SBI is not in any way liable for the contents of any linked websites or webpages, by integrating with an external website or web page. SBI shall not be deemed to endorse, recommend, approve, guarantee, indemnify or introduce any third parties or the services/products they provide on their websites. Please note SBI is only facilitating the online transaction and will not be a party to any contractual arrangements entered into between you and the provider of the external website unless otherwise expressly specified or agreed to by SBI. Such external websites are governed by their respective policies.

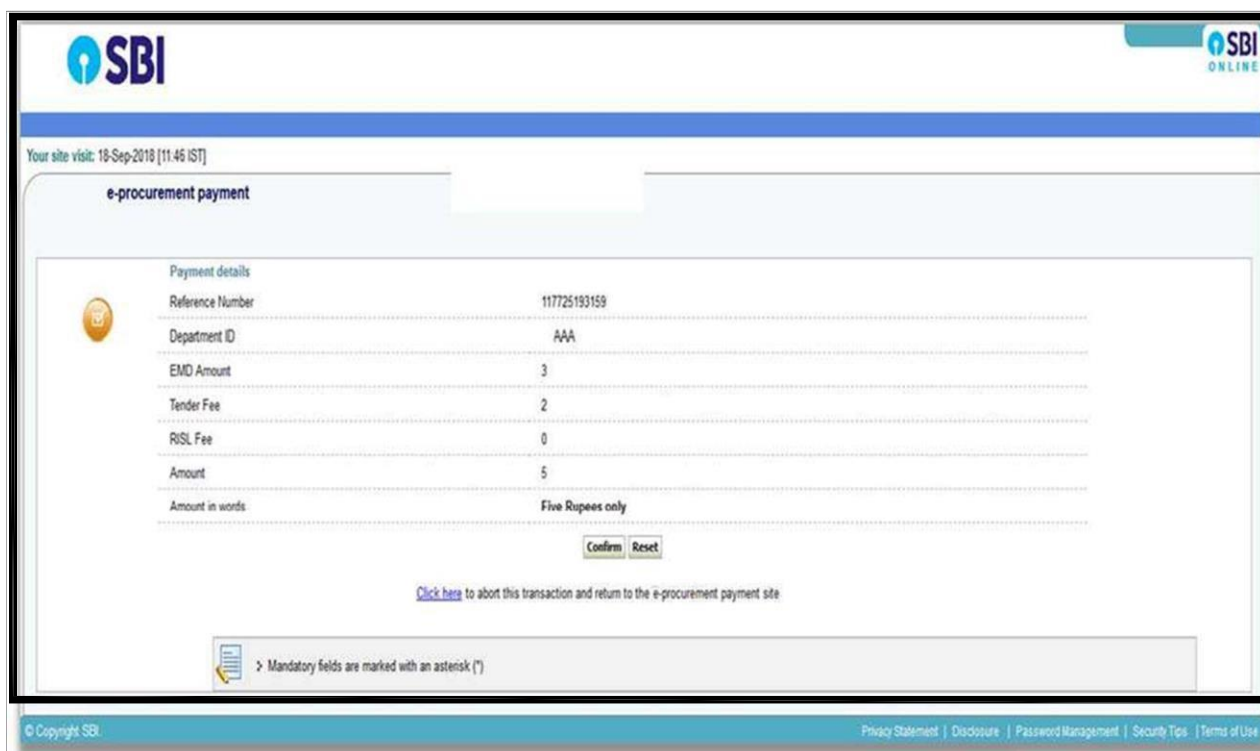
☐ I have read and accepted the terms and conditions stated above.
(Click Check Box to proceed for payment)

[Confirm](#)

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(iii)

Please ensure that your account has sufficient balance, before proceeding further. After checking the same, Click **Confirm** button as below, to transfer payment.



SBI **ONLINE**

Your site visit: 18-Sep-2018 [11:45 IST]

e-procurement payment

Payment details

Reference Number	117725193159
Department ID	AAA
EMD Amount	3
Tender Fee	2
RISL Fee	0
Amount	5
Amount in words	Five Rupees only

[Confirm](#) [Reset](#)

[Click here](#) to abort this transaction and return to the e-procurement payment site.

 > Mandatory fields are marked with an asterisk (*)

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Click **Confirm** button as below, to transfer payment.

(iv)




Your site visit: 18-Sep-2018 [11:46 IST]

e-procurement payment



Payment details	
Reference Number	117725193159
Department ID	AAA
EMD Amount	3
Tender Fee	2
RtSL Fee	0
Amount	5
Amount in words	Five Rupees only

Confirm


 > Mandatory fields are marked with an asterisk (*)

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challenge is generated after successful transaction.

(v) The

e-procurement payment NEFT/RTGS Form	
Beneficiary Details	
Beneficiary Account Number (To be entered as it appears)	PSEICAF03R0231A7
Amount	Rx. 5
Amount In Words	Five Rupees only
Beneficiary Bank	State Bank of India
Beneficiary IFSC Code	SBI00017076
Name & Address	e-procurement payment
Beneficiary Reference Number	11772163119

Note for Bidder:

- The remittance should be within the prescribed time and as per the terms and conditions specified in tender.
- Please ensure the correctness of details required while remittance through RTGS/NEFT. SBI and State would not be responsible for the transactions reported due to incorrect details inputted.
- For RTGS/NEFT transactions - Date and time at which payment is received is liable to determine the case as to whether payment was received in time or not. Therefore , Bidders should make transactions well in advance so as to ensure that the payment reaches SBI before date and time for submission of tender.
- Bid, for which payment is received after closing date/time for submission of tender bid would be rejected and would not be considered for further processing. The payment would be returned back to the bank account from which the transaction was made.
- Bidders should verify check the payment status in e-procurement portal. The transactions for which payment is received before bid tender closing date and time would be displayed as SUCCESSFUL in the portal. Otherwise bidders may contact their bank from which the transaction was made.
- Bidder should ensure that under document bid and EMD are received as one single transaction and not separate.
- Bidder should ensure that amount re-credited during RTGS/NEFT remittance at any bank account or branch/banking city is the same as it appears in a Procurement remittance form. Bidder should not provide this account number.
- No additional information like bidder name, company name, etc. should be entered in the account no. column along with account no. for RTGS/NEFT remittance.
- Cash or Transfer against the courier in SBI and accounts bank not allowed and the payment may be treated as invalid and the respective bid is liable to be rejected.
- Please citizens CSR no. from your existing bank for your record/know reference.
- Please note that this is only a remittance information form and not an acknowledgment of remittance.

In case the above points are not followed, the payments may be event as invalid and the respective bid is liable to be rejected.

Disclaimer:

SBI does not have any control over third party vehicles and accepts no responsibility or liability for any of the material contained on these servers. You will be using such third party vehicles at your own risk and responsibility and SBI will not be responsible for any loss, damage, costs & charges, direct or indirect incurred by you, arising out of or in connection with your access to the external website or for any deficiency in the products and services of the third party or for the failure or disruption of the vehicle of the third party.

SBI is not in any way liable for the contents of any linked websites or webpages. By registering with an external website or web page, SBI shall not be deemed to endorse, recommend, approve, guarantee, deliver, or introduce any third parties or the services/products they provide on their websites. Please note SBI is only facilitating the online transaction and will not be a party to any contractual arrangements entered into between you and the provider of the external website unless otherwise expressly specified or agreed to by SBI. Such external websites are governed by their respective policies.

[Click here to view the Remittance Form](#)
[Click here to Download it.pdf](#)



(vi) The Downloaded challan of the e-procurement RTGS/NEFT Remittance Information

e-procurement payment RTGS/NEFT Remittance Information Form	
Beneficiary Details	
Beneficiary Details	
Beneficiary Account Number (to be entered as it appears)	PSEGACPJ8923167
Amount	Rs. 5
Amount In Words	Five Rupees only
Beneficiary Bank	State Bank of India
Beneficiary IFSC Code	SBIN0017676
Name and Address	e-procurement payment
Beneficiary Reference No	117725193159
Instructions for remitting Bank: a. This form is valid for remittance through non-SBI branches. b. Beneficiary account no. is alpha-numeric and case sensitive. It should be entered as it appears above. c. Amount to be remitted should not be higher or lesser and should be the same as shown above.	
Note for Bidders: a. Bidder should ensure that account no. entered during RTGS/NEFT remittance at any bank counter or Internet banking site is the same as it appears in this remittance form. Bidder should not truncate or add any other detail to the above account number. b. No additional information like bidder name, company name, etc. should be entered in the account no. column along with account no. for RTGS/NEFT remittance. c. Account to Account transfers or Cash payments are not allowed and are invalid mode of payments. Hence, this remittance form is to be used only for RTGS or NEFT payment. d. Bidder should ensure that tender document fees and EMD are remitted as one single transaction and not separate. The remittance should be within the prescribed time and as per the terms and conditions specified in tender. e. Please ensure the correctness of details inputted while remittance through RTGS/NEFT. Please also ensure that your banker keys in the Account Number (which is case sensitive) as displayed in this form. SBI and Merchant Bankers should ensure that the details are correctly inputted. f. For RTGS, the purpose of remittance should be relevant for the purpose of tender. Therefore, bidders should make the remittance before date and time for submission of tender. g. Bids for which Payment is received after closing date/time for submission of tender/bid would be rejected	



Annexure - I

TENDER ACCEPTANCE LETTER

(To be given on Contractor's Letter Head)

Date:

To,
Sr. Manager (E-C)
Airports Authority of India,
Dibrugarh Airport-786012

Sub: Acceptance of Terms & Conditions of Tender

(Tender ID No. 2026_AAI_284342_1)

NAME OF WORK: Development of Children's park in AAI Residential Colony at Dibrugarh Airport. (SH: Redevelopment of Children's park, Outdoor gym, Running Track Flooring, Badminton Court Flooring at Dibrugarh Airport).

Dear Sir,

1. I / We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from CPP Portal web site(s) namely: <https://etenders.gov.in/e procure/app> as per your advertisement, given in the above-mentioned website(s).
2. I / We hereby certify that I / we have inspected the site and read the entire terms and conditions of the tender documents, corrigendum(s) and reply to query if any made available to me/ us which shall form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.
3. I / We hereby unconditionally accept the tender conditions of AAI's tender documents in its totally / entirety for the above-mentioned work.
4. I / We declare that I/we have not paid and will not pay any bribe to any officer of AAI for awarding this contract at any stage during its execution or at the time of payment of bills, and further if any officer of AAI asks for bribe/ gratification, I will immediately report it to the appropriate authority in AAI.
5. I/ We hereby submitted that I/ We paid / submitted the required Earnest Money as per NIT conditions.
6. I / We certify that all information/ documents furnished by our Firm is true & correct and in the event at any stage, the information/ documents is found to be incorrect/ untrue or found violated, then we shall be liable for debarment from tendering in AAI without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully

(Signature of the Bidder, with Official Seal)



Annexure - II

FORM "A"

Details of Similar Works Successfully completed or substantially completed during the last seven years ending 30.06.2026

Sl. No.	Details of Work	W-1	W-2	W-3
i.	Name of work/ project and Location			
ii.	Name and Address of client			
iii.	Awarded Cost of work (in Rs. Lakhs)			
iv.	Date of commencement as per contract			
v.	Stipulated date of completion			
vi.	Actual date of completion			
vii.	Completion Cost/Actual work done			
viii.	Whether the work was done on back to back basis (Yes/No)			

**SIGNATURE (S) OF BIDDER (S)
(WITH STAMP)**

Note: The contractor should give list of only of eligible category works of requisite amount with supporting documents issued from client.



Annexure - III

FORM "B"
FINANCIAL INFORMATION

1. Financial Analysis - Details to be furnished turnover on construction works with profit / loss as per figure in balance sheet account for the last three years duly certified by the Chartered Accountant as submitted by the applicant to the Income - Tax Department

Fig in lakhs Rs.

Sl. No.	Particulars	Financial Year (Last three years)		
		2022-23	2023-24	2024-25
1	Turn-Over on Construction Works			
2	Profit/loss after Taxes (standalone)			

2. Financial arrangements for carrying out the proposed work shall be arranged from.....
(Details of sources).

Unique Document Identification Number (UDIN).....

Signature of Chartered Accountant with Seal

**SIGNATURE OF CHARTERED
WITH SEAL**

SIGNATURE (S) OF BIDDER (S) ACCOUNTANT

Note: The bidder should give information strictly in above format



FORM "C"

FORM FOR CERTIFICATE OF NET WORTH FROM CHARTED ACCOUNTANT

This is to certify that as per audited balance sheet and profit & loss account during the financial year....., the Net Worth of M/S. (Name & registered address of Individual / Firm/ Company), as on..... (the date of certificate) is Rs.....after considering all liabilities. It is further certified that Net Worth of the company has not eroded by more than 30 % in last three years ending on 31st March 2025.

Unique Document Identification Number (UDIN).....

Signature of Chartered Accountant
.....

Name of Chartered Accountant
.....

Membership of ICAI

Date and Seal

SIGNATURE (S) OF BIDDER (S)

.



FORM-D

FINANCIAL DATA

(WORK DONE DURING LAST FIVE FINANCIAL YEARS)

Name of the Bidder: -

Sl. No.	Description	Financial Data for Last Five Audited Financial years				
		FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24
1.	Maximum value of Civil Engineering Works executed in any one year during the last 5 (five) years (updated the completed works to current costing level of enhancing at a simple rate of interest @ 7% per annum.)					

NOT APPLICABLE**Note:**

- All such documents reflect the financial data of the tenderer or member in case of JV Consortium, and not that of sister or parent company.
- The financial data in above prescribed format shall be certified by Chartered Accountant/ Company Auditor under his signature and stamp in original along with membership no.

Unique Document Identification Number (UDIN).....

Signature of Chartered Accountant with Seal

SIGNATURE (S) OF BIDDER (S)



FORM-E

WORKS IN HAND

(On or after the Bid Submission Start Date)

Name of Bidder: -

Name and Brief contract (Clearly indicate the part of the work assigned to the bidder (S))	Name of client with Telephone Number and Fax Number	Contract Value in Rupees (Give only the value of Work assigned to the bidder (s))	Value of balance work yet to be done in Rupee as on Submission End date	Value of work to be done in 'T' i.e. 01-year (12 months) w.e.f Submission End date (excluding GST) From Bid submission end date To Bid submission end date + 18 months

NOT APPLICABLE

Unique Document Identification Number (UDIN).....

Signature of Chartered Accountant with Seal

SIGNATURE (S) OF BIDDER (S)



UNDERTAKING REGARDING DEBARMENT / BLACKLISTING / RESTRAINTMENT

NAME OF WORK: Development of Children's park in AAI Residential Colony at Dibrugarh Airport. (SH: Redevelopment of Children's park, Outdoor gym, Running Track Flooring, Badminton Court Flooring at Dibrugarh Airport)

(Tender ID No. 2026_AAI_284342_1)

I/We (Name and post of authorized signatory) on behalf of (Name of firm) do hereby solemnly affirm and declare as follows:

- i) Our firm is not restrained / debarred / blacklisted by Airports Authority of India (AAI) / Ministry of Civil Aviation (MoCA) / Dept. of Expenditure (DoE), Ministry of Finance and the debarment / blacklisting / restraintment is not in force as on last date of opening of tender (Envelope-I, normally called as technical bid).
- ii) None of Proprietor / Partners/ Board Members / Directors of M/s (Name of firm) has remained Proprietor / Partner/ Board Member/ Director in any firm which stands debarred / blacklisted / restrained by AAI / MoCA / DoE and the debarment / blacklisting / restraintment is not in force as on last date of opening of tender (Envelope-I, normally called as technical bid).
- iii) Our firm understands that if our firm either debarred before the date of opening of tender (first bid, normally called as technical bid, in case of two packet / two stage bidding) or debarred before the date of contract by AAI / MoCA / DoE (Debarment applicable for all Ministries / Departments), our bid is liable to be rejected at that stage.
- iv) Our firm understands that at any stage, if above statements are found to be false, our firm shall be liable for debarment from bidding in AAI, apart from any other appropriate contractual legal action including debarment / blacklisting / restraintment, termination of the contract etc. as deemed fit.

Date: Place:

Signature and Name of the authorized
signatory of the Firm

Note: Above undertaking is to be given on Company's letter head



Undertaking for providing Mandatory Machinery/ T&P

I..... (Name) Proprietor/ Managing Partner
/Managing Director of (Name of the
Agency) undertake that, in the event of work is awarded to our agency, Machinery/ T& P as per
LIST OF MACHINERIES TO BE DEPLOYED BY CONSTRUCTION AGENCY as per
relevant clause of SCC shall be provided either by purchase or lease hold basis.

In case, if we fail to provide the said Machinery/T&P, penalty at rate mentioned in “**LIST
OF MACHINERIES TO BE DEPLOYED BY CONSTRUCTION AGENCY**” at **relevant clause**
may be recovered from our bill as penalty for not providing required Machinery/ T& P.

Date: _____

Signature with Stamp
Authorized Signatory of the Contractor / Firm

Note: Above undertaking is to be given on Company's letter head



**CERTIFICATE FROM CHARTERED ACCOUNTANT FOR TDS DEDUCTION IN
NON-GOVERNMENT / NON-PSU ORGANIZATION WORKS**

This is to certify that the details of TDS deduction made as per Form 26AS of Income Tax Act, 1961 for the following Individual / Firm/Company:

- 1) Name & Address of Individual / Firm/Company:
- 2) TDS deduction made in the Financial Year:
- 3) TDS amount of the work:
- 4) Total payment received against the work:
- 5) Name of work for which the TDS deduction was made:
- 6) Name of non-government / non-PSU organization for which the work was executed:

Signature of Chartered Accountant

.....

Name of Chartered Accountant

.....

Membership No. of ICAI

.....

UDIN

.....

Date and Seal

.....



Annexure-X

**Request Letter: Transmission of Bank Guarantee Cover Message
(to be submitted by applicant to BG issuing bank)**

To,

Date:

The Manager,
(Bank),
(Branch)

Sub: Inclusion of unique identifier code of AAI while transmitting BG cover messages where beneficiary bank is ICICI Bank (IFSC-ICIC0000007).

Dear Sir/Ma'am,

I/We, _____, request you to include unique identifier **AAIDIBRUGHAR** in field 7037 of the SFMS cover messages IFN COV 760 (for BG issuance) and IFN COV 767 (for BG amendment) while transmitting the same to the beneficiary bank (ICICI Bank- IFSC Code - ICIC0000007).

Thanking You,

(Vendor/Customer/Concessionaire)



Performa for declaration by Bidder for compliance of order on Restriction under Rule 144(xi) of the General Financial Rules (GFRs)-2017

Note: Above undertaking is to be given on company's letter head.

**Name of Work: Development of Children's park in AAI Residential Colony at Dibrugarh Airport.
(SH: Redevelopment of Children's park, Outdoor gym, Running Track Flooring, Badminton Court Flooring at Dibrugarh Airport)**

Tender ID: 2026_AAI_284342_1

I, the undersigned, _____ (full names), do hereby declare, in my capacity as _____ of M/s _____ (**Name of company/Firm**) _____ that:

1) I am competent to swear this undertaking on behalf of M/s _____ (**Name of company/Firm**) _____

2) I have read the Order(s) on the subject of Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017 regarding restrictions on procurement from a bidder of a country which shares a land border with India and comply to all the provisions of the Order(s).

3) I certify that M/s _____ (**Name of company/Firm**) _____ **is not from such a country / is from such a country, has been registered with the Competent Authority (strike out whichever is not applicable).** I hereby certify that this BIDDER fulfils all requirements in this regard and is eligible to be considered [**Where applicable, evidence of valid registration with the Competent Authority is attached**].

4) I understand that the submission of incorrect data and / or if certificate/ declaration given by M/s _____ (**Name of company/Firm**) _____ is found to be false, this would be a ground for immediate termination and further legal action in accordance with law as per Clause 12 of the Public Procurement Order on Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017.

Signature and name of the authorized signatory of the firm
with Rubber Stamp

Date:

Place:



Annexure-XII

Proforma for e-Payment as per Clause 9A of GCC

Date: _____

To,
Senior Manager (Engg-Civil)-I
Airports Authority of India,
Dibrugarh Airport
Dibrugarh.

Subject: - Request for E-Payment

Sir,

The following particulars are given below for effecting E-Payment in respect of our Claim/Bill.

- i) Name of the Company :
- ii) Address :
- iii) Bank A/c No. :
- iv) Bank/Branch Name & Address :
- v) Branch Code :
- vi) IFSC Code of the Bank :
- vii) Permanent A/c No.of the Company :

We also enclosed herewith a Cheque duly cancelled of our above Bank A/c.

Thanking you,

Yours faithfully,

(_____)
Authorized Signatory



GENERAL CONDITIONS OF CONTRACT

2017

AIRPORTS AUTHORITY OF INDIA



AIRPORTS AUTHORITY OF INDIA

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GENERAL GUIDELINES

1. This book of “General Conditions of Contract” is applicable to both types of tenders i. e.” Percentage rate tenders and Item rate tenders”. Accordingly, alternative provisions for conditions Nos. 4, 10 & 12 of the General Rules and Directions are given in this book. The appropriate alternatives will be applicable in specific cases depending on whether this is used for percentage rate tenders or item rate tenders
2. Notice Inviting Tender, Schedules A to F, special conditions/specifications and drawings only will be issued to intending bidders. The standard form will not be issued along with the Tender Documents but the same shall form part of the agreement to be drawn and signed by both parties after acceptance of tender.
3. All blanks are confined to Notice Inviting Tender and Schedules A to F.
4. Authority approving the Notice Inviting Tenders (NIT) shall fill up all the blanks in Notice Inviting Tender and in Schedules B to F before issue of Tender documents.
5. The intending bidders will quote their rates in Schedule A.
6. The proforma for registers and Schedules A to F are only for information and guidance. These are not to be filled in the Standard Form. The Schedules with all blanks, duly filled, shall be separately issued to all intending tenderers.

AIRPORTS AUTHORITY OF INDIA

~~Percentage Rate Tender~~/Item Rate Tender & Contract for Work

Airport: **Dibrugarh** Division: **Engg (Civil)**

Branch: **Engineering** Sub-Division:

Tender for the work of: **“Development of Children’s park in AAI Residential Colony at Dibrugarh Airport. (SH: Redevelopment of Children’s park, Outdoor gym, Running Track Flooring, Badminton Court Flooring at Dibrugarh Airport)”**.

(i) To be submitted/uploaded in NIC CPP Portal.

(ii) To be opened in presence of tenders who may be present on at

..... hrs. in the office of

Issued to*

Signature of officer issuing document.....*

Designation*

Date of issue*

* (ii) Not applicable for e-tendering

* ~~Date~~ Date & Time as per Critical Date Sheet

TENDER

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F, Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, Clauses of contract, Special conditions, Schedule of Rates & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the Chairman Airports Authority of India within the time specified in Schedule 'F', viz., schedule of quantities and in accordance in all respects with the referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such material as are provided for, by and in respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for Ninety (90) days from the date of submission of bid including extension of two bids system and not to make any modifications in its terms and conditions.

I/ We undertake and confirm that for eligibility of similar work(s) has / have not been got executed on back to back basis through another contractor. Further that, if such a violation comes to the notice of AAI, then I/We shall accept the decision of AAI if we are debarred for tendering in AAI in future works. Also, if such a violation comes to the notice of AAI before date of start of work, the Engineer- in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit / Performance Guarantee.

I/ We further undertake and confirm that information/ documents submitted by us are genuine, and if at any stage such documents/ information found false, then we shall be liable for debarment from tendering in AAI, and any other appropriate legal action.

A sum of **Rs. 3,82,682.00** is paid through online, through Payment Gateway provided in the CPP portal. If I/we, fail to furnish the prescribed performance bank guarantee within prescribed period, I/we agree that the said Chairman, A.A.I. or his successors in office shall without prejudice to any other right or remedy, be at liberty to take appropriate action as per terms of contract. Further, if I/ we fail to commence work as specified, I/we agree that Chairman, A.A.I. or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to suspend for one year and shall not be eligible to bid for AAI tenders from date of issue of suspension order to forfeit the said earnest money absolutely, otherwise the said earnest money shall be retained by AAI towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, upto maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form. Further, I/We agree that in case of forfeiture of earnest money or Performance Guarantee or both Earnest Money & Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/We hereby declare that I/we shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived there from to any person other than a person to whom I/we am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

(* To be deleted which are not applicable)

Date: Signatures of Contractor: Witness: Postal

Address

Occupation:

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by competent authority on behalf of the Chairman, Airports Authority of India for sum of Rs. _____(Rupees_____).

The letters referred to below shall form part of this contract Agreement: -

- (i)
- (ii)
- (iii)

For & on behalf of Chairman,
Airports Authority of India
Signature-----

Designation-----

Date-----

AIRPORTS AUTHORITY OF INDIA

General Rules & Directions

1.	General Rules & Directions	All work proposed for execution by contract are notified in a form of invitation to tender pasted in public places /NIC CPP Portal and signed by the officer inviting tender or by publication in Newspapers and posted on AAI web-site and NIC CPP Portal http://etenders.gov.in and www.aai.aero (for reference only). This form will state the work to be carried out, as well as the date for submitting and opening tenders and the time allowed for carrying out the work, also the amount of earnest money to be deposited with the tender, and the amount of the security deposit and Performance guarantee to be deposited by the successful tenderer and the percentage, if any, to be deducted from bills. Copies of the specifications, designs and drawings and any other documents required in connection with the work signed for the purpose of identification by the officer inviting tender shall also be open for inspection by the contractor at the office of Officer inviting tender during office hours.
2.		In the event of the e-tender being submitted by a firm, it must be digitally signed. Such tender will be treated as signed tender. For physical tender it must be signed separately by each partner thereof or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power-of-attorney authorizing him to do so, such power of attorney to be produced with the tender, and it must disclose that the firm is duly registered under the Indian Partnership Act, 1952.
2. (A)		In case of the tender submitted by a Joint Venture / Consortium, a copy of joint venture / consortium agreement in the specified proforma defining the lead partner should be submitted. The lead partner shall sign all the documents in respect of the works. The documents signed by any other person or firm other than the lead partner shall not be entertained.
3.		Receipts for payment made on account of work, when executed by a firm, must also be signed by all the partners, except where contractors are described in their tender as a firm, in which case the receipts must be signed in the name of the firm by one of the partners, or by some other person having due authority to give effectual receipts for the firm. Bank details shall be furnished by the firm through an application duly signed by all partners for payment to the firm through bank transfer.
4.	Applicable for item Rate Tender only.	Any person who submits a tender shall fill up the usual printed form, stating at what rate he is willing to undertake each item of the work. Tenderers, which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort, including conditional rebates, will be summarily rejected. No single tender shall include more than one work, but contractors who wish to tender for two or more works shall submit separate tender for each. Tender shall have the name and number of the works to which they refer, written on the envelopes. The rate(s) must be quoted in decimal coinage. Amount must be quoted in full Rupees by ignoring 50 paise and considering more than 50 paise as Rupee one. In case the lowest tendered amount (worked out on the basis of quoted rate of Individual items) of two or more contractors is same, then such lowest contractors will be asked to submit revised offer quoting rate of each item of the schedule of quantity for all sub sections/sub heads as the case may be, but the revised quoted rate of each item of schedule of quantity for all sub sections / subheads should not be higher than their respective original rate quoted already at the time of submission of tender. The lowest tender shall be decided on the basis

		of revised offer. If the revised tendered amount (worked out on the basis of quoted rate of individual items) of two or more contractors received in revised offer is again found to be equal, then the lowest tender, among such contractors, shall be decided by draw of lots in the presence of Jt. GM (Engg)/ DGM (Engg)/ AGM (Engg)/ Sr. Manager (Engg) in-Charge of major and minor component(s) work and the lowest contractors those have quoted equal amount of their tenders. In case of any such lowest contractor in his revised offer quotes rate of any item more than their respective original rate quoted earlier at the time of submission of tender, then such revised offer shall be treated invalid. Such case of revised offer of the lowest contractor or case of refusal to submit revised offer by the lowest contractor shall be treated as withdrawal of his tender before acceptance and 50% of his earnest money shall be forfeited. In case all the lowest contractors those have same tendered amount (as a result of their quoted rate of individual items), refuse to submit revised offers, then tenders are to be recalled after forfeiting 50% of EMD of each lowest contractors. Contractor, whose earnest money is forfeited because of non-submission of revised offer, or quoting higher revised rate(s) of any item(s) than their respective original rate quoted already at the time of submission of his bid shall not be allowed to participate in the retendering process of the work. Note: Till the time software supports the above provisions, revised offers from tenderers forming the tie shall be obtained and procedure prescribed for "Restricted call of tenders" shall be adopted (for e-tenders).
4. (A)	Applicable for Percentage Rate Tender only.	In case of Percentage Rate Tenders, tenderer shall fill up the usual printed form, stating at what percentage below/above (in figures as well as in words) the total estimated cost given in Schedule of Quantities at Schedule-A, he will be willing to execute the work. The tender submitted shall be treated as invalid if; 1. The contractor does not quote percentage above/below on the total amount of tender or any section/sub-head of the tender. 2. The percentage above/below is not quoted in figures & words both on the total amount of tender or any section/sub-head of the tender. 3. The percentage quoted above/below is different in figures and words on the total amount of tender or any section/sub-head of the tender. Tenders, which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort including conditional rebates, will be summarily rejected. No single tender shall include more than one work, but contractors who wish to tender for two or more works shall submit separate tender for each. Tender shall have the name and number of the works to which they refer, written on the envelopes. In case the lowest tendered amount (estimated cost + amount worked on the basis of percentage above/below) of two or more bidders is same, such lowest bidders will be asked to submit revised offer in the form of letter mentioning percentage above/ below on estimated cost of tender including all sub sections/sub heads as the case may be, but the revised percentage quoted above/below on tendered cost or on each sub section/ sub head should not be higher than the percentage quoted at the time of submission of tender. The lowest tender shall be decided on the basis of revised offers. In case any of such contractor refuses to submit revised offer, then it shall be treated as withdrawal of his tender before acceptance and 50% of earnest money shall be forfeited. If the revised tendered amount of two more bidders received in revised offer is again found to be equal, the lowest tender, among such bidders, shall be decided by draw of lots in the presence of Jt. GM (Engg)/ DGM (Engg)/ AGM (Engg)/

		Sr. Manager (Engg) in-Charge of work & the lowest bidders those who have quoted equal amount of their tenders. In case all the lowest bidders those have quoted same tendered amount, refuse to submit revised offers, then tenders are to be recalled after forfeiting 50% of EMD of each bidder. Bidders, whose earnest money is forfeited because of non-submission of revised offer, shall not be allowed to participate in the re-tendering process of the work. Note: Till the time software supports the above provisions, revised offers from tenderers forming the tie shall be obtained and procedure prescribed for "Restricted call of tenders" shall be adopted.
4. (B)		In case the lowest tendered amount (estimated cost $\pm$ amount worked on the basis of percentage above/below) of two or more contractor is same, such lowest contractor will be asked to submit sealed revised offer in the form of letter mentioning percentage above/below on estimated cost of tender including all sub section/sub heads as the case may be, but the revised percentage quoted above/below on tendered cost or on each sub section /sub head should not be higher than the percentage quoted at the time of submission of tender. The lowest tender shall be decided on the basis of revised offers. In case any of such contractor refuses to submit revised offer, then it shall be treated as withdrawal of his tender before acceptance and 50% of earnest money shall be forfeited. If the revised tendered amount of two more contractors received in revised offers is again found to be equal, the lowest tender, among such contractor, shall be decided by draw of lots in the presence of Jt. GM (Engg)/ DGM (Engg), AGM (Engg)/Sr. Manager (Engg) in -Charge of major & minor component(s) of work & the lowest bidders those who have quoted same tendered amount of their tenders. In case all the lowest contractors those have quoted same tendered amount, refuse to submit revised offers, then tenders are to be recalled after forfeiting 50% of EMD of each bidder. Bidders, whose earnest money is forfeited because of non- submission of revised offer, shall not be allowed to participate in the re-tendering process of the work.
5.		The officer inviting tender or his duly authorized representative, will open tenders in the presence of any intending bidders who may be present at the time, and will enter the amounts of the several tenders in a comparative statement in a suitable form. In the event of a tender being accepted, a receipt for the earnest money shall there upon be given to the contractor who shall there upon for the purpose of identification sign copies of the specifications and other documents mentioned in Rule -I. In the event of a tender being rejected, the earnest money shall there upon be returned to the contractor remitting the same, without any interest.
6.		The officer inviting tenders shall have the right of rejecting all or any of the tenders and will not be bound to accept the lowest or any other tender.
7.		The receipt of an accountant or clerk for any money paid by the bidder towards tender fee will not be considered as any acknowledgement or payment to the officer inviting tender and the bidder shall be responsible for seeing that he procures a receipt signed by the officer inviting tender or a duly authorized cashier.
8.		The memorandum of work tendered for and the schedule of materials to be supplied by the department and their issue-rates, shall be filled and completed in the office of the officer inviting tender before the tender form is issued. If a form is issued to an intending bidder without having been so filled in and incomplete, he shall request the officer to have this done before he completes and delivers his tender.

9.		The bidders shall sign a declaration under the official Secret Act 1923, for maintaining secrecy of the tender documents drawings or other records connected with the work given to them. The unsuccessful bidders shall return all the drawings given to them.
9(A).		Use of correcting fluid anywhere in tender document is not permitted. Such tender is liable for rejection. If there is any correction it should be cut with a straight line and should be initialed and cello tape to be provided on all the rates quoted in case of physical tenders.
10.	Applicable for Item Rate Tender Only.	In the case of Item Rate Tenders, only rates quoted shall be considered. Any tender containing percentage below / above the rates quoted is liable to be rejected. Rates quoted by the bidder in item rate tender in figures and words shall be accurately filled in so that there is no discrepancy in the rates written in figures and words. However, - If a discrepancy is found between rates in figures and in words, then the rates which correspond with the amount worked out by the bidder shall unless otherwise proved be taken as correct. - If the amount of an item is not worked out by the bidder or it does not correspond with the rates written either in figures or in words, then the rates quoted by the contractor in words shall be taken as correct. - Where the rates quoted by the bidder in figures and in words tally, but the amount is not worked out correctly, the rates quoted by the contractor will unless otherwise proved be taken as correct and not the amount. - In event no rate has been quoted for any item(s) leaving space blank both in figure(s) and word(s) or cancelled the quoted rate in figure(s), and word(s) but the amount corresponding to the item(s) is worked out by the bidder and added to the grand total, then rate(s) of the item(s) shall be derived from the amount(s) quoted by the contractor against such item(s). - In event no rate has been quoted for any item(s), leaving space both in figure(s), word(s), and amount blank, it will be presumed that the bidder has included the cost of this/these item(s) in other items and rate for such item(s) will be considered as zero and work will be required to be executed accordingly. - Sub Para i to iv above shall not be applicable in case of e-tendering.
	Applicable for percentage rate tender only.	In case of percentage Rate Tenders only percentage quoted shall be considered. Any tender containing item rates is liable to be rejected Percentage quoted by the bidder in percentage rate tender shall be accurately filled in figures and words, so that there is no discrepancy. However, if the bidder has worked out the amount of the tender and if any discrepancy is found in the percentage quoted in words and figures, - The percentage which corresponds with the amount worked out by the bidder shall, unless otherwise proved, be taken as correct. - If the amount of the tender is not worked out by the bidder or it does not correspond with the percentage written either in figures or in words, then the percentage quoted by the bidder in words shall be taken as correct. - Where the percentage quoted by the bidder in figures and in words tally but the amount is not worked out correctly, the percentage quoted by the bidder will, unless otherwise proved, be taken as correct and not the amount.
11.		In the case of any tender where unit rate of any item / items appear unrealistic, such tender will be considered as unbalanced and in case the tenderer is unable to provide satisfactory explanation, such a tender is liable to be disqualified and rejected.
12.	Applicable for Item Rate Tender only.	All rates shall be quoted on the tender form. The amount for each item should be worked out and requisite totals given. Special care should be taken to write the rates in figures as well as in words and the amount in figures only, in such away that interpolation is not possible. The total amount should be written both in



		Figures and in words. In case of figures, the word 'Rs' should be written before the figure of rupees and word 'P' after the decimal figures, e.g. 'Rs. 2.15 P' and in case of words, the word 'Rupees' should precede and the word 'Paissa' should be written at the end. Unless the rate is in whole rupees and followed by the word
12(A).	Applicable for percentage rate tender only.	In Percentage Rate Tender, the tenderer shall quote percentage below / above (in figures as well as in words) at which he will be willing to execute the work. He shall also work out the total amount of his offer and the same should be written in figures as well as in words in such a way that no interpolation is possible. In case of figures, the word 'Rs' should be written before the figure of rupees and work 'P' after the decimal figures, e.g. 'Rs. 2.15 P' and in case of words, the word 'Rupees' should precede and the word 'Paissa' should be written at the end. (quoting of rates in Paissa is not applicable in e-tenders)
13	Acceptance of abnormally low quoted bid (Capital & Revenue Expenditure Contract)	An Abnormally Low Bid is one in which the Bid price, in combination with other elements of the Bid, appears so low that it raises material concerns as to the capability of the Bidder to perform the contract at the offered price. Processing of such bid shall be as follows: i) The Bid Manager shall seek written clarifications from the lowest Bidder with approval of the tender accepting authority, including detailed price analyses of its Bid price in relation to scope, schedule, resource mobilization, allocation of risks and responsibilities, and any other requirements of the bids document. ii) If, after evaluating the price analyses, the Tender Accepting Authority determines that the Bidder has substantially failed to demonstrate its capability to deliver the contract at the offered price, then the bid/ proposal may be rejected. iii) Such contracts should be closely monitored that final payments in such cases do not abnormally increase due to extra items. Further, there is no abnormal increase in quantities of the item for which contractors have initially quoted very high rates.
13A.		In case the contractor does not carry out the work on ALQ items as per schedule or as per NIT specifications, the Engineer-in-charge shall issue a letter to the contractor to comply its obligations as per NIT, for ALQ items. Engineer-in-charge shall also give one reminder after 10 days of 1 st letter and if contractor still do not start the work on ALQ items, then bank guarantee i.e. QPBG should be encased and work should be got executed through another agency at his risk and cost.
14		i. The bidder, whose tender is accepted, will be required to furnish performance Guarantee of 5 % (Five Percent) of the tendered amount within the period specified in Schedule F. This guarantee shall be in the form of Demand Draft or Guarantee Bonds of any Scheduled Bank but not co-operative or Gamin Bank, in accordance with the prescribed form, provided confirmatory advice is enclosed. ii. The bidder, whose tender is accepted, will also be required to furnish by way of Security Deposit for the fulfillment of his contract, an amount equal to 5 % of the contract amount of the work. iii. In works where condition of submission of Performance Guarantee is not applicable, the security deposit @ 10% of the tendered value shall be deducted. iv. The Security deposit (under ii & iii above) will be collected by deductions from the running bills of the contractor at the rates mentioned above and the earnest money deposited at the time of tenders, will be treated as a part of the Security Deposit. v. Security deposit will also be accepted in form of Demand Draft / Guarantee Bonds of any Scheduled Bank but not co-operative or Gramin Bank in accordance with the prescribed form, provided confirmatory advice is enclosed.



		vi. The contractor shall submit an irrevocable additional performance security in the form of an irrevocable insurance surety bond, demand draft, bank guarantee issued from scheduled commercial bank (i.e Indian or foreign banks included in the second schedule of reserve bank of India Act, 1934 excluding Co-operative/ Regional Rural Banks, if the bid price offered by the selected bidder is lower than 10% of the estimated cost put to tender. This clause shall be binding and enforceable in relation to all works, irrespective of their nature, scope, or value. (Refer Clause 1B of Clauses of Contract)		
15.		On acceptance of the tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Engineer-in-Charge shall be communicated in writing to the Engineer-in-Charge.		
16.		1. Rates to be quoted by the parties should be inclusive of all taxes, duties, CESS, fee, royalty charges etc. levied under any statute but exclusive of GST For all the items. 2. However GST, as applicable, shall be paid to the contractor, for any taxable supply / services / construction rendered by the agency to AAI, against a valid GST invoice as per terms and conditions of the contract. 3. In case supplies /services / works involve imports; the same should be identified separately. Basic Custom Duty & IGST will be paid directly by AAI by utilizing EPCG license / Duty Credit Scrip under service Export from India Scheme (SEIS) of Govt. of India.		
17.		The contractor/ bidder shall give a list of AAI employees related to him.		
18.		The tender for the work shall not be witnessed by a contractor or contractors / Bidders who himself / themselves has / have tendered or who may and has / have tendered for the same work. Failure to observe this condition would render, Tenders of the contractors tendering, as well as witnessing the tender, liable to summary rejection.		
19.		The tender for composite work includes, in addition to building work, all other works such as sanitary and water supply installations drainage installation, electrical work, horticulture work, roads and paths etc. The tenderer apart from being a registered contractor (B&R) of appropriate class, must associate himself with agencies of appropriate class which are eligible to tender for sanitary and water supply drainage, electrical and horticulture works in the composite tender.		
20.		The contractor/ bidder shall submit list of works completed in last 5 years*as well as which are in hand (in progress) in the following format for assessing bidding capacity of the bidders		
Name of work		DELETED	Position of works in progress	Remarks
1		2	3	4
21		The contractor/bidder shall comply with the provisions of the Apprentices Act 1961, and the rules and orders issued there under from time to time. If he fails to do so, his failure will be a breach of the contract and the Executive Director (Engg.) may in his discretion, without prejudice to any other right or remedy available in law, cancel the contract. The contractor shall also be liable for any pecuniary liability arising on account of any violation by him of the provisions of the said Act.		



22		If complete site is available for work, the work shall be completed in the manner specified here in special condition of contract and NIT specifications. Note: In such case para 23 below may be deleted by NIT approving authority

23		If complete site is not available for taking up the work, the same shall be made available in phases. The scope of work covered in each phase, time for completion of work in each phase and methodology of taking over completed work in phased manner has been specified under special conditions of contract. The completion time for each phase shall be applicable as indicated in tender documents. The work shall also be taken over by Engineer-In-Charge in phases. The warranty for the works executed in each phase shall be applied independently w.e.f. date of completion /taking over of individual phase. Note: In such case Para 22 above may be deleted by NIT approving authority

- a) The Bank guarantees (BG) received by AAI from Vendors/Customers/Concessionaires shall be verified through Structured Financial Messaging System (SFMS) of ICICI Bank for which, the prospective successful bidder may submit BG(PBG/BG-SD/FBG) in accordance with the bank details:
- CORPORATE NAME: AIRPORTS AUTHORITY OF INDIA
 BANK NAME : ICICI BANK
 IFSC CODE : ICIC0000007
 BG ADVISING MESSAGE : IFN 760COV (BG ISSUE)
 IFN 767COV (BG AMENDMENT)
 UNIQUE IDENTIFIER : AAIDIBRUGHAR
- b) Along with documents for BG, the Vendors/Customers/Concessionaires will submit a letter to the BG issuing Bank in the format as mentioned in APPENDIX XI B.
- c) Along with the original BG submitted to AAI, the Vendors / Customers/Concessionaires should attach a copy of the SFMS BG confirmation message sent by the BG issuing Bank to the ICICI Bank.
- d) **Advisory for Applicant and its BG issuing Bank Branch:**
 AAI has activated an online facility to view the issued BG cover message transmitted to ICICI Bank through SFMS platform. For availability of BG in this Platform, it is necessary that BG issuing/amending Bank sent the BG advice in the form of message format IFN 760COV (BG issuance) / IFN 767COV (BG amendment) via SFMS (Structured Financial Messaging System) as approved by RBI. In the event of BG issuing/amending bank not sending the message IFN 760COV / IFN 767COV or committing any error, the BG confirmation through online portal would not be updated. The BG issuing bank may update the below details at the time of submission of BG issuance/amendment request:
- BG advising message- IFN 760COV / IFN 767COV via SFMS. IFSC Code- ICIC0000007
 Corporate Name- Airports Authority of India
- | | |
|--------------|--|
| Field Number | Particulars (To be mentioned in row 1) |
| 7037 | < Unique Identifier> AAIDIBRUGHAR |

CONDITIONS OF CONTRACT

Definitions:

1.		The contract means the documents forming the tender and acceptance thereof and the formal agreement / agreements executed between the competent authority(s) on behalf of the Chairman, Airports Authority of India and the Contractor, together with the documents referred to therein including these conditions, the specifications, designs, drawings and instructions issued from time to time by the Engineer-in- Charge and all these documents taken together, shall be deemed to form one contract/ two contracts and shall be ~~complimentary to one another. Contractor has to sign two agreements, one consisting BOQ for Civil works and another one for SITC and O&M / AMC / AICMC part. Engineer in charge could be common for both the agreements. Separate invoices for the civil /construction work and SITC / O&M / AICMC / AMC works have to be raised by the agency referring to the respective agreements to facilitate AAI to claim input tax credit on such SITC / O&M / AICMC / AMC works as mentioned in Schedule 'F' para 2(v).~~
2.		In the contract, the following expressions shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them: -
		i. The expression works or work shall, unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the works by or by virtue of the contract contracted to be executed whether temporary or permanent, and whether original, altered, substituted or additional. ii. The site shall mean the land / or other places on, into or through which work is to be executed under the contract or any adjacent land, path or street through which work is to be executed under the contract or any adjacent land, path or street which may be allotted or used for the purpose of carrying out the contract. iii. The Contractor/tenderer/bidder shall mean the individual, firm or company whether incorporated or not, Joint Venture / Consortium undertaking the works and shall include the legal personal representative of such individual or the persons constituting such firm or company, or the successors of such firm or company and the permitted assignees of such individual, firm or company. iv. The Chairman means the Chairman Airports Authority of India and his Successors. v. The Engineer-in-Charge means the Engineering Officer who shall supervise and be in charge of the work and who shall sign the contract on behalf of the Chairman, Airports Authority of India as mentioned in Schedule 'F' hereunder. vi. AAI or Airports Authority of India shall mean the Chairman Airports Authority of India. vii. The terms Member (Planning) means the head of Department of Engineering, Airports Authority of India. viii. Accepting Authority shall mean the authority mentioned in Schedule 'F'. ix. Excepted Risk are risks due to riots (other than those on account of contractor's employees), war (whether declared or not) invasion, act of foreign enemies, hostilities, civil war, rebellion revolution, insurrection, terrorism, military or usurped power, any acts of Airports Authority of India, damages from aircraft, acts of God, such as earthquake, lightening and unprecedented floods, and other causes over which the contractor has no control and accepted as such by the Accepting Authority or causes solely due to use or occupation by Airports Authority of India of the part of the works in respect of which a certificate of completion has been issued or a cause solely due to Airports Authority of India's faulty design of works. x. Market Rate shall be the rate as decided by the Engineer-in-Charge on the basis of the prevailing cost of materials and labour at the site where the work is to be executed plus the percentage mentioned in Schedule 'F' to cover, all overheads and profits. Provided that no extra overheads and profits shall be payable on the parts of works assigned to other agency(s) by the contractor as per terms of contract.

		xi. Schedule(s) referred to in these conditions shall mean the relevant schedule(s) annexed to the tender papers or the standard Schedule of Rates of the government mentioned in Schedule 'F' hereunder, with the amendments thereto issued upto the date of receipt of the tender. xii. Department means Airports Authority of India, which invites tender on behalf of Chairman, Airports Authority of India. xiii. Tendered value means the value of the entire work as stipulated in the letter of award.
3.	Scope and Performance	Where the context so requires, words imparting the singular only also include the plural and vice versa. Any reference to masculine gender shall whenever required include feminine gender and vice versa.
4.		Headings and Marginal notes to these General Conditions of Contract shall not be deemed to form part thereof or be taken into consideration in the interpretation or construction thereof or of the contract.
5.		The contractor shall be furnished, free of cost one certified copy of the contract documents except standard specifications, Schedule of Rates and such other printed and published documents, together with all drawings as may be forming part of the tender papers. None of these documents shall be used for any purpose other than that of this contract.
6.	Works to be carried out	The work to be carried out under the Contract shall, except as otherwise provided in these conditions, include all labour, materials, tools, plants, equipment and transport which may be required in preparation of and for and in the full and entire execution and completion of the works. The descriptions given in the Schedule of Quantities (Schedule-A) shall, unless otherwise stated, be held to include wastage on materials, carriage and cartage, carrying and return of empties, hoisting, setting, fitting and fixing in position and all other labours necessary in and for the full and entire execution and completion of the work as aforesaid in accordance with good practice and recognized principles.
7.	Sufficiency of Tender	The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices quoted in the Schedule of Quantities, which rates and prices shall, except as otherwise provided, cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the works.
8.	Discrepancies and Adjustment of Errors	The several documents forming the Contract are to be taken as mutually explanatory of one another, detailed drawings being followed in preference to small scale drawing and figured dimensions in preference to scale and special conditions in preference to General Conditions.
8.1		In the case of discrepancy between the Schedule of Quantities, the Specifications and / or the Drawings, the following order of preference shall be observed: -
		i. Description of Schedule of Quantities. ii. Particular/ technical Specification and Special Condition, if any. iii. Drawings. iv. C P WD Specifications. v. Indian Standard Specifications of B I S / IRC Code of Practice / ASTM standards. vi. Sound Engineering practice as directed by the Engineer-in-charge, whose decision in this regard shall final and binding on the contractor.
8.2		If there are varying or conflicting provisions made in any one document forming part of the contract, the Accepting Authority shall be the deciding authority with regard to the intention of the document and his decision shall be final and binding on the contractor.
8.3		Any error in description, quantity or rate in Schedule of Quantities or any omission there from shall not vitiate the Contractor release the Contractor from

		the execution of the whole or any part of the works comprised therein according to drawings and specifications or from any of his obligations under the contract.
8.4	Payment for similar items with different quoted rates in different subheads of the contract agreement	If the contractor has quoted different rates for the same item appearing in two or more subheads, then the lowest of the rates quoted shall only be considered for payments during execution of work. In case of deviation of quantity of such item, payments shall be made at the lowest quoted rate for quantity executed upto the deviation limit specified in the contract. Beyond the deviation limit the rate shall be derived as per relevant contract provision.
9.	Reverse Auction for purchase-tenders	~~AAI may opt for reverse auction in case of purchase tender if value of supplies put to tender is more than Rs.2Cr.~~
10.	Signing of Contract	The successful tenderer / contractor, on acceptance of his tender by the Accepting Authority, shall within 10 days from the date of Award of the work, shall sign either single or Two agreement, as the case may be, one consisting BOQ for Civil works and another one for SITC and O&M / AMC / AICMC part.
i)		i. The notice inviting tender, all the documents including drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto. ii. Standard AAI Form as mentioned in Schedule 'F' consisting of: a. Various standard clauses with corrections up to the date stipulated in Schedule 'F' along with annexures thereto. b. AAI Safety Code. c. Model Rules for the protection of health, sanitary arrangements for workers employed by AAI or its contractors. d. AAI Contractor's Labour Regulations. e. List of Acts and omissions for which fines can be imposed. iii. No payment for the work done will be made unless contract in form of agreement is signed by the contractor.

CLAUSES OF CONTRACT

CLAUSE 1

	Performance Guarantee	This clause is applicable for the works for which the estimated cost put to tender is more than Rs.5 crores.
		i. ~~The contractor shall submit an irrevocable Performance Guarantee of 5% (Five percent) of the Tendered amount in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement, (not withstanding and/or without prejudice to any other provisions in the contract) within period specified in Schedule 'F' from the date of issue of award letter. This guarantee shall be in the form of Insurance Surety Bonds, Account Payee Demand Draft, or Bank Guarantee (including e Bank Guarantee) from any of the Scheduled Commercial Banks (i.e. Indian or Foreign Banks included in the Second Schedule of Reserve Bank of India Act, 1934 excluding Co-Operative/Regional Rural Banks) in accordance with the form annexed hereto. (Appendix XI).~~
		ii ~~Performance guarantee and~~ Additional Performance Guarantee should be furnished within 30 days of issue of Letter of Intent or days mentioned in LOI, whichever is earlier. In case the contractor fails to deposit performance guarantee/Additional performance guarantee within the stipulated period tender shall be stands cancelled without any notice. Further, EMD shall be forfeited, and the contractor shall be liable for debarment up to a period of two (02) years.
		iii. The Performance Guarantee or additional performance guarantee shall be initially valid up to the stipulated date of completion plus 180 days beyond that. In case the time for completion of work gets enlarged, the contractor shall get the validity of Performance Guarantee extended to cover such enlarged time for completion of work. After recording of the completion certificate for the work by the competent authority, the performance guarantee shall be returned to the contractor, without any interest. However, in case of contracts involving maintenance of buildings and services / any other work thereafter, 50% of Performance Guarantee shall be retained as Security Deposit as per contract conditions. The same shall be returned on successful completion of commitment year wise proportionately.
		iv. The Engineer-in-Charge shall not make a claim under the performance guarantee or additional performance guarantee except for amounts to which the AAI is entitled under the contract (not withstanding and/or without prejudice to any other provisions in the contract agreement) in the event of: - Failure by the contractor to extend the validity of the Performance Guarantee as described herein above, in which event the Engineer-in-Charge may claim the full amount of the Performance Guarantee. - Failure by the contractor to pay the Chairman, AAI any amount due, either as agreed by the contractor or determined under any of the Clauses/Conditions of the agreement, within 30 days of the service of notice to this effect by Engineer-in-Charge.
		v. In the event of the contract being determined or rescinded under provision of any of the Clause/Condition of the agreement, the performance guarantee as well as additional performance guarantee shall stand forfeited in full and shall be absolutely at the disposal of the Chairman, AAI.

CLAUSE 1 A

	Recovery of Security Deposit	The person/persons whose tender(s) may be accepted (hereinafter called the contractor) shall permit AAI at the time of making any payment to him for work done under the contract to deduct a sum at the rate of 5% of the gross amount of each running and final bill till the sum deducted will amount to security deposit of 5% of the tendered value of the work. Such deductions will be made and held by AAI by way of Security Deposit unless he/they has/have deposited the amount of Security at the rate mentioned above in the form of Bank Guarantee (including e-Bank Guarantee) from any of the Commercial Bank (i.e. Indian or Foreign Banks included in the Second Schedule of Reserve Bank of India Act,1934 excluding Co-Operative/ Regional Rural Banks).In case a Guarantee Bonds of any Bank is furnished by the contractor to the AAI as part of the security deposit and the Bank is unable to make payment against the said Guarantee Bond, the loss caused thereby shall fall on the contractor and the contractor shall forthwith on demand furnish additional security to the AAI to make good the deficit. In works where condition of submission of performance guarantee is not applicable, the security deposit at the rate of 10% (Ten Percent) of gross amount of each running bill shall be deducted instead of 5%, till the sum will amount to security deposit of 10% of the contract value of work. Other conditions shall remain same as stated above. All compensations or the other sums of money payable by the contractor under the terms of this contract may be deducted from, or paid by the sale of a sufficient part of his security deposit or from the interest arising therefrom, or from any sums which may be due to or may become due to the contractor by AAI on any account whatsoever and in the event of his Security Deposit being reduced by reason of any such deductions or sale as aforesaid, the contractor shall within 10 days make good in Fixed Deposit Receipt, Insurance Surety Bonds, Account Payee Demand Draft or Bank Guarantee from any of the Commercial Bank (if deposited for more than 12 months) endorsed in favour of the Airports Authority of India, any sum or sums which may have been deducted from, or raised by sale of his security deposit or any part thereof. The security deposit shall be collected from the running bills and the final bill of the contractor at the rates mentioned above. The security deposit as deducted above can be released against Bank Guarantee issued by any Commercial Bank (i.e. Indian or Foreign Banks included in the Second Schedule of Reserve Bank of India Act,1934 excluding Co-Operative /Regional Rural Banks), on its accumulations to a minimum of Rs. 5 lakhs to the condition amount of such bank guarantee, except last one, shall not be less than Rs. 5 lakhs. Note 1: Provided further that the validity of Bank Guarantee shall be in conformity with provisions contained in the clause 17 which shall be extended from time to time depending upon extension of contract under provision of Clause 2 & Clause 5. Note 2: Note 1 above shall be applicable for both clause 1 and 1A.

	Additional Performance Guarantee	The contractor shall submit an irrevocable additional performance security in the form of an irrevocable insurance surety bond, demand draft, bank guarantee issued from scheduled commercial bank (i.e Indian or foreign banks included in the second schedule of reserve bank of India Act, 1934 excluding Co-operative/ Regional Rural Banks, if the bid price offered by the selected bidder is lower than 10% of the estimated cost put to tender. This clause shall be binding and enforceable in relation to all works, irrespective of their nature, scope, or value.
		Additional performance security amount and treatment- The additional performance security shall be calculated as below- i. Where the bid price is below 10% but not below 20% of the project cost put to bid, the additional performance security percentage shall be incremented by 0.25% for every percentage of bid price below 10% of the project cost put to bid starting at 11% with the additional bid performance security percentage shall be applied on the bid price: ii. Where the bid price is below 20 % but not below 25% of the project cost put to bid, the additional performance security percentage shall be incremented by 0.50% for every percentage of bid price below 20% of the project cost put to bid starting at 21% with the additional bid performance security being 0.50 % and this additional performance security percentage shall be applied on the bid price. iii. Where the bid price is below 25% but not below 30% of the project cost put to bid, the additional performance security percentage shall be incremented by 0.75% for every percentage of bid price below 25% of the project cost put to bid starting at 26% with the additional bid performance security being 0.75% and this additional performance security percentage shall be applied on the bid price: iv. Where the bid price is below 30%, the additional performance security percentage shall be incremented by 1% for every percentage of bid price below 30% of the project cost put to bid starting at 31 % with the additional bid performance security percentage shall be applied on the bid price: v. The additional performance security percentage shall be rounded off to the next lower percentage based on whether the decimal point of the percentage of bid price is below 0.5% or next higher percentage based on whether the decimal point of the percentage of bid price is 0.5% or more. vi. All matters pertaining to validity, extension, claims forfeiture, and any other conditions in relation to the additional performance security shall be governed by the provisions of clause 1: Performance security.

CLAUSE 2

	Compensation for Delay	If the contractor fails to maintain the required progress in terms of clause 5 or to complete the Work and clear the site on or before the contract or justified extended date of completion as per clause 5(excluding any extension under clause 5.5) as well as any extension granted under clause 12 and 15, he shall, without prejudice to any other right or remedy available under the law to the AAI on account of such breach, pay as compensation the amount calculated at the rates stipulated below as the authority specified in schedule ‘F’ may decide on the amount of Tendered Value of the work for every completed day/month (as determined) that the progress remains below that specified in Clause 5 or that the work remains incomplete. This will also apply to items or group of items for which a separate period of completion has been specified.	
	i) Compensation for delay of work	If the completion of work is delayed due to reasons attributed to contractor, AAI shall be entitled for compensation for delay as detailed below: <u>i. For works costing up to Rs. 10 Lac:</u> ~~1.0% (one percent) of tendered value per week of delay or lesser amount as decided by the competent authority subject to a maximum of 10% of contract value.~~ ii For the works costing more than Rs. 10Lac 0.5% (half percent) of tendered value per week of delay or lesser amount as decided by the competent authority subject to a maximum of 10% of the tendered value.	
		Provided always that the total amount of compensation for delay to be paid under this condition shall not exceed 10% of the Tendered Value of work or of the Tendered Value of the Sectional part of work as mentioned in schedule ‘F’ for which a separate period of completion is originally given. In case no compensation has been decided by the authority in Schedule ‘F’ during the progress of work, this shall be no waiver of right to levy compensation by the said authority if the work remains incomplete on final justified extended date of completion. If the Engineer in Charge decides to give further extension of time allowing performance of work beyond the justified extended date, the contractor shall be liable to pay compensation for such extended period. If any variation in amount of contract takes place during such extended period beyond justified extended date and the contractor becomes entitled to additional time under clause 12, the net period for such variation shall be accounted for while deciding the period for levy of compensation. However, during such further extended period beyond the justified extended period, if any delay occurs by events under sub clause 5.2, the contractor shall be liable to pay compensation for such delay. Provided that compensation during the progress of work beyond the justified extended date of completion for delay under this clause shall be for non-achievement of sectional completion or part handing over of work on stipulated/justified extended date for such part work or if delay affects any other works/services. This is without prejudice to right of action by Engineer-in- Charge under clause 3 for delay in performance and claim of compensation under that clause.	

		In case action under clause 2 has not been finalized and the work has been determined under clause 3, the right of action under this clause shall remain post determination of contract but levy of compensation shall be for days the progress is behind the schedule on date of determination, as assessed by the authority in schedule 'F', after due consideration of justified extension. The compensation for delay, if not decided before the determination of contract, shall be decided after of determination of contract. The amount of compensation may be adjusted or set-off against any sum payable to the Contractor under this or any other contract with AAI. In case, the contractor does not achieve a particular milestone mentioned in schedule F, or the re-scheduled milestone(s) in terms of Clause 5.4, the amount shown against that milestone shall be withheld, to be adjusted against the compensation levied as above. With-holding of this amount on failure to achieve a milestone, shall be automatic without any notice to the contractor. However, if the contractor catches up with the progress of work on the subsequent milestone(s), the withheld amount shall be released. In case the contractor fails to make up for the delay in subsequent milestone(s), amount mentioned against each milestone missed subsequently also shall be withheld. However, no interest, whatsoever, shall be payable on such withheld amount.

Clause2A

	Incentive for early completion	In case, the contractor completes the work ahead of stipulated date of completion so provided in 'Schedule F', a bonus @ 1 % (one per cent) of the tendered value per month computed on per day basis, shall be payable to the contractor, subject to a maximum limit of 5% (five per cent) of the tendered value. The amount of bonus, if payable, shall be paid along with final bill after completion of work. Bonus/ Incentive shall be applicable for the contract completed before stipulated dated of completion and shall not be applicable for the contract extended beyond the stipulated period even with justified hindrance and without any action of compensation for delay. This clause shall not be applicable for the works which estimated cost put to tender is less than Rs. 50.00 Cr.

Clause2B

	Release of withheld amount against compensation for delay.	Withheld amount towards compensation for delay over and above Rs. 50.00 lacs, can be released against Bank Guarantee (on the format given at Appendix-1) or in the form of fixed deposit receipts or guarantee bonds of any Scheduled Bank but not Co-operative or Gramin Bank, pending finalization of case of extension of time by competent authority as per delegation of powers. Concerned Executive Director (Engg) will authorize such action on receipt of proposal from the Engineer-In-Charge through proper channel.

Clause 3

	When Contract can be Determined	Subject to other provisions contained in this clause, the Engineer-in-Charge may, without prejudice to his any other rights or remedy against the contractor in respect of any delay, inferior workmanship, any claims for damages and/ or any other provisions of this contract or otherwise, and whether the date of completion has or has not elapsed, by notice in writing absolutely determine the contract in

	any of the following cases: i. If the contractor having been given a notice by the Engineer-in-Charge in writing to rectify, reconstruct or replace any defective work or that the work is being performed in an inefficient or otherwise improper or un-workman like manner shall omit to comply with the requirement of such notice for a period of seven days thereafter. ii. If the contractor has, without reasonable cause, suspended the progress of the work or has failed to proceed with the work with due diligence and continues to do so after a notice in writing of seven days from the Engineer- in-Charge. iii. If the contractor fails to complete the work or section of work with individual date of completion on or before the stipulated or justified extended date on or before such date of completion, and the Engineer in Charge without any prejudice to any other right or remedy under any other provision in the contract has given further reasonable time in a notice given in writing in that behalf as either mutually agreed or in absence of such mutual agreement by his own assessment making such time essence of contract and in the opinion of Engineer in Charge, the contractor will be unable to complete the same or does not complete the same within the period specified. iv. If the contractor persistently neglects to carry out his obligations under the contract and / or commits default in complying with any of the terms and conditions of the contract and does not remedy it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by the Engineer-in-Charge. v. If the contractor shall offer or give or agree to give to any person in AAI service or to any other person on his behalf any gift or consideration of any kind as an inducement or reward for doing or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of this or any other contract for AAI. vi. If the contractor shall enter into a contract with Airports Authority of India in connection with which commission has been paid or agreed to be paid by him or to his knowledge, unless the particulars of any such commission and the terms of payment thereof have been previously disclosed in writing to the Engineer-in-charge. vii. If the contractor shall obtain a contract with AAI as a result of wrong tendering or other non-bonafide methods of competitive tendering or commits any breach of Integrity Pact. viii. If the contractor being an individual, or if a firm, any partner thereof shall at any time be adjudged insolvent or have a receiving order or order for administration of his estate made against him or shall take any proceedings for liquidation or composition (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or composition or arrangement for the benefit of his creditors or purport so to do, or if any application be made under any Insolvency Act for the time being in force for the sequestration of his estate or if a trust deed be executed by him for benefit of his creditors. ix. If the contractor being a company shall pass a resolution or the court shall make an order that the company shall be wound up or if a receiver or a manager on behalf of a creditor shall be appointed or if circumstances shall arise which entitle the court or the creditor to appoint a receiver or a manager or which entitle the court to make a winding up order. x. If the contractor shall suffer an execution being levied on his goods and allow it to be continued for a period of 21 days.

		xi. If the contractor assigns excluding part(s) of work assigned to other agency(s) by the contractor as per terms of contract), transfers, sublets (engagement of labour on a piece-work basis or of labour with materials not to be incorporated in the work, shall not be deemed to be subletting) or otherwise parts with or attempts to assign, transfer, sublet or otherwise parts with the entire works or any portion thereof without the prior written approval of the Engineer-in-Charge. When the contractor has made himself liable for action under any of the cases aforesaid, the Engineer-in-Charge on behalf of the Chairman, AAI shall have powers: a. To determine the contract as aforesaid so far as performance of work by the Contractor of work is concerned (of which determination notice in writing to the contractor under the hand of the Engineer-in-Charge shall be conclusive evidence). Upon such determination, the Earnest Money Deposit, Security Deposit already recovered and Performance Guarantee under the contract shall be liable to be forfeited and shall be absolutely at the disposal of the AAI. b. After giving notice to the contractor to measure up the work of the contractor and to take such whole, or the balance or part thereof, as shall be un-executed out of his hands and to give it to another contractor or any other means to complete the work. The contractor, whose contract is determined as above, shall not be allowed to participate in the tendering process for the balance work. In the event of above courses being adopted by the Engineer-in-Charge, the contractor shall have no claim to compensation for any loss sustained by him by reasons of his having purchased or procured any materials or entered into any engagements or made any advances on account or with a view to the execution of the work or the performance of the contract. And in case action is taken under any of the provision aforesaid, the contractor shall not be entitled to recover or be paid any sum for any work thereof or actually performed under this contract unless and until the Engineer-in-Charge has certified in writing the performance of such work and the value payable in respect thereof and he shall only be entitled to be paid the value so certified.

CLAUSE 3 A

		In case, the work cannot be started due to reasons not within the control of the contractor within 1/8th of the stipulated time for completion of work or one month whichever is higher, either party may close the contract by giving notice to the other party stating the reasons. In such eventuality, the Earnest Money Deposit, Performance Guarantee, and the Additional performance Guarantee of the contractor shall be refunded within 30 days. Neither party shall claim any compensation for such eventuality. This clause is not applicable for any breach of the contract by either party.
	CLAUSE 3 B Debarment of Contractor	(i) Contractor may be debarred if it is determined under breached the Integrity Pact of clause 41(a) and Code of Integrity of clause 41(b). (ii) Contractor can also be debarred for the reasons like supply of sub- standard material, non-supply of material, abandonment of work, sub- standard quality of work, poor/unsatisfactory performance. (iii) The period of debarment shall be upto two years.

CLAUSE 4

	Contractor liable to pay compensation even if action not taken under Clause-3	In any case in which any of the powers conferred upon the Engineer-in-Charge by Clause-3 thereof, shall have become exercisable and the same are not exercised, the non-exercise thereof shall not constitute a waiver of any of the conditions hereof and such powers shall notwithstanding be exercisable in the event of any future case of default by the contractor and the liability of the contractor for compensation shall remain unaffected. In the event of the Engineer-in-Charge putting in force all or any of the powers vested in him under the preceding clause he may, if he so desires after giving a notice in writing to the contractor, take possession of (or at the sole discretion of the Engineer-in-Charge which shall be final and binding on the contractor) use as on hire (the amount of the hire money being also in the final determination of the Engineer-in-Charge) all or any tools, plant, materials and stores, in or upon the works, or the site thereof belonging to the contractor, or procured by the contractor and intended to be used for the execution of the work/ or any part thereof, paying or allowing for the same in account at the contract rates, or, in the case of these not being applicable, at current market rates to be certified by the Engineer-in-Charge, whose certificate thereof shall be final, and binding on the contractor, clerk of the works, foreman or other authorised agent to remove such tools, plant, materials, or stores from the premises (within a time to be specified in such notice) in the event of the contractor failing to comply with any such requisition, the Engineer- in-Charge may remove them at the contractor's expense or sell them by auction or private sale on account of the contractor and his risk in all respects and the certificate of the Engineer-in-Charge as to the expenses of any such removal and the amount of the proceeds and expenses of any such sale shall be final and conclusive against the contractor.

CLAUSE 5

	Time and Extension for Delay	The time allowed for execution of the Works as specified in the Schedule 'F' or the extended time in accordance with these conditions shall be the essence of the Contract. The execution of the works shall commence from such time period as mentioned in schedule 'F' or from the date of handing over of the site whichever is later. If the Contractor commits default in commencing the execution of the work as aforesaid, AAI shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the earnest money & performance guarantee absolutely.
5.1		After the Contract is awarded, within 15 days, the Contractor shall submit a Time and Progress Chart for each mile stone and get it approved by the Engineer-in-charge. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the works. It shall indicate the forecast of the dates of commencement and completion of various trades of sections of the work and may be amended as necessary by agreement between the Engineer-in-Charge and the Contractor within the limitations of time imposed in the contract documents, and further to ensure good progress during the execution of the work, the contractor shall in all cases in which the time allowed for any work, exceeds one month (save for special jobs for which a separate programme has been agreed upon) complete the work as per mile stones given in Schedule 'F'. Project Management shall be done. a. For works costing upto Rs. 5.00 Cr. -- CPM/ PERT Chart

	b. ~~Works costing more than Rs. 5.00 Cr.~~ By using Project Management Software like Primavera /MS Project or any other software with the approval of Engineer-in-charge. c. Contractor shall submit monthly progress reports (2 copies) highlighting status of various activities and physical completion of work. PROGRAMME CHART i. The Contractor shall prepare an integrated programme chart in Project Management Software for the execution of work, showing clearly all activities from the start of work to completion, with details of manpower, equipment and machinery required for the fulfillment of the programme within the stipulated period or earlier and submit the same for approval to the Engineer-in- Charge within fifteen days of award of the contract. A recovery of Rs. 2500/- (for works costing up to Rs. 5.00 Crores) / ~~Rs. 5000/- (for works costing more than Rs. 5.00 Crores)~~ shall be made on per day basis in case of delay in submission of the above programme. ii. The programme chart should include the following: - Descriptive note explaining sequence of the various activities. - Network (PERT / CPM / BARCHART). - Programme for procurement of materials by the contractor Programme for deployment of machinery / equipment's having adequate capacity, commensurate with the quantum of work to be done within the stipulated period, by the contractor. In addition to above, to achieve the progress of work as per programme, the contractor must bring at site adequate shuttering material required for cement concrete and R.C.C. works etc. for three floors within one month from the date of start of work till the completion of RCC work as per requirement of work. The contractor shall submit shuttering schedule adequate to complete structure work within laid down physical milestone. iii. If at any time, it appears to the Engineer-in-Charge that the actual progress of work does not conform to the approved programme referred above or after rescheduling of milestones, the contractor shall produce a revised programme within 7 (seven) days, showing the modifications to the approved programme to ensure timely completion of the work. The modified schedule of programme shall be approved by the Engineer in Charge. A recovery of Rs. 2500/- (for works costing upto Rs.5.00 Crores)-/ ~~Rs. 5000/- (for works costing more than Rs.5.00 Crores)~~ shall be made on per day basis in case of delay in submission of the modified programme. iv. The submission for approval by the Engineer-in-Charge of such programme or such particulars shall not relieve the contractor of any of the duties or responsibilities under the contract. This is without prejudice to the right of Engineer-in-Charge to take action against the contractor as per terms and conditions of the agreement. v. The contractor shall submit the progress report using MS Project/ Primavera software with base line programme referred above for the work done during previous month to the Engineer-in-charge on or before 5th day of each month failing which a recovery Rs.2500/-(for works costing upto Rs.5.00 Crores)-/ ~~Rs. 5000/- (for works costing more than Rs.5.00 Crores)~~ shall be made on per day basis in case of delay in submission of the monthly progress report.

5.2		If the work(s) be delayed by: - i. Force majeure, or an act of terrorism ii. Abnormally bad weather, or iii. Serious loss or damage by fire, or iv. Civil commotion, local commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or v. Delay on the part of other contractors or tradesmen engaged by Engineer-in-Charge for executing work not forming part of the Contract, or vi. Non-availability of stores, which are the responsibility of AAI to supply or vii. Non-availability or break down of tools and Plant to be supplied or supplied by AAI or viii. Any other cause which, in the absolute discretion of the Engineer-in-Charge is beyond the Contractor's control. then upon the happening of any such event causing delay, the contractor shall immediately give notice thereof in writing to the Engineer-in-Charge but shall nevertheless use constantly his best endeavours to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-charge to proceed with the works. All correspondence with the agency and concerned stakeholders during execution of works will be taken into consideration for evaluation of hindrances causing delay, for grant of extension of time by the Competent Authority.
5.3		Request for rescheduling of Milestones and extension of time, to be eligible for consideration, shall be made by the contractor in writing within fourteen days of the happening of the event causing delay on the prescribed form to the authority indicated in schedule 'F'. The contractor may also, if practicable, indicate in such a request the period for which extension is desired.
5.4		In any such case the Engineer-in-Charge with the approval of authority indicated in Schedule 'F' may give a fair and reasonable extension of time and reschedule the Milestones for completion of work. Such extension or re- scheduling of the milestone shall be communicated to the contractor by the Engineer-in-charge in writing, within 1 month or 4 weeks of the date of receipt of such request respectively. Non-application by the contractor for extension of time/ re-scheduling of milestones shall not be a bar for giving a fair and reasonable extension/re-scheduling of milestones by the Engineer-in-charge with the approval of authority indicated in schedule 'F' and this shall be binding on the contractor.

CLAUSE 6

	Measurements of Work Done	Engineer-in-charge shall, except as otherwise provided, ascertain and determine by measurement, the value in accordance with the contract of work done. All measurement of all items having financial value shall be entered in Measurement Book and/or level field book so that a complete record is obtained of all works performed under the contract. All measurements and levels shall be taken jointly by the Engineer-in-Charge or his authorised representative and by the contractor or his authorised representative from time to time during the progress of the work and such measurements shall be signed and dated by the Engineer-in-Charge and the contractor or their representatives in token of their acceptance. If the contractor objects to any of the measurements recorded, a note shall be made to that effect with reason and signed by both the parties. If for any reason the contractor or his authorised representative is not available and the work of recording measurements is suspended by the Engineer-in-

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		Charge or his representative, the Engineer-in-Charge and the Department shall not entertain any claim from contractor for any loss or damages on this account. If the contractor or his authorised representative does not remain present at the time of such measurements after the contractor or his authorised representative has been given a notice in writing three (3) days in advance or fails to countersign or to record objection within a week from the date of the measurements, then such measurements recorded in his absence by the Engineer-in-Charge or his representative shall be deemed to be accepted by the Contractor. The contractor shall, without extra charge, provide all assistance with every appliance, labour and other things necessary for measurements and recording levels. Except where any general or detailed description of the work expressly shows to the contrary, measurements shall be taken in accordance with the procedure set forth in the specifications notwithstanding any provision in the relevant Standard Method of measurement or any general or local custom. In the case of items which are not covered by specifications, measurements shall be taken in accordance with the relevant standard method of measurement issued by the Bureau of Indian Standards and if for any item no such standard is available, then a mutually agreed method shall be followed. The contractor shall give, not less than seven days' notice to the Engineer-in-Charge or his authorized representative of the work, before covering up or otherwise placing beyond the reach of measurement any work in order that the same may be measured and correct dimensions thereof be taken before the same is covered up or placed beyond the reach of measurement and shall not cover up and place beyond reach of measurement any work without consent in writing of the Engineer-in-Charge or his authorized representative of the work who shall within the aforesaid period of seven days inspect the work, and if any work shall be covered up or placed beyond the reach of measurements without such notice having been given or the Engineer-in-Charge's consent being obtained in writing, the same shall be uncovered at the Contractor's expense, or in default thereof no payment or allowance shall be made for such work or the materials with which the same was executed. Engineer-in-Charge or his authorised representative may cause either themselves or through another officer of the department to check the measurements recorded jointly or otherwise as aforesaid and all provisions stipulated herein above shall be applicable to such checking of measurements or levels. It is also a term of this contract that recording of measurements of any item of work in the measurement book and/or its payment in the interim, on account or final bill shall not be considered as conclusive evidence as to the sufficiency of any work or material to which it relates nor shall it relieve the contractor from liabilities from any over measurement or defects noticed till completion of the defects liability period.

Clause 6 A

	Computerized Measurement Book	Computerized measurement is mandatory for works costing more than Rs 5.00 Lacs. However, in case of works costing lesser than Rs. 5.00 Lacs Engineer-in-Charge may decide for adopting computerized measurement if required, except as otherwise provided, ascertain and determine by measurement the value of work done in accordance with the contract. All measurements of all items having financial value shall be entered by the contractor and compiled in the shape of the Computerized Measurement Book having pages of A-4 size as per

		the format of the department so that a complete record is obtained of all the items of works performed under the contract.
		All such measurements and levels recorded by the contractor or his authorised representative from time to time, during the progress of the work, shall be got checked by the contractor from the Engineer-in-Charge or his authorised representative as per interval or program fixed in consultation with Engineer-in-Charge or his authorised representative. After the necessary corrections made by the Engineer-in-Charge, the measurement sheets shall be returned to the contractor for incorporating the corrections and for resubmission to the Engineer-in-Charge for the dated signatures by the Engineer-in-Charge and the contractor or their representatives in token of their acceptance. Whenever bill is due for payment, the contractor would initially submit draft computerized measurement sheets and these measurements would be got checked/test checked from the Engineer-in-Charge and/or his authorized representative. The contractor will, thereafter, incorporate such changes as may be done during these checks/test checks in his draft computerized measurements, and submit to the department a computerized measurement book, duly bound, and with its pages machine numbered. The Engineer-in-Charge and/or his authorised representative would thereafter check this MB, and record the necessary certificates for their checks/test checks. The final, fair, computerized measurement book given by the contractor, duly bound, with its pages machine numbered, should be 100% correct, and no cutting or overwriting in the measurements would thereafter be allowed. If at all any error is noticed, the contractor shall have to submit a fresh computerized MB with its pages duly machine numbered and bound, after getting the earlier MB cancelled by the department. Thereafter, the MB shall be taken in the records of Engineer-in-charge, and allotted a number as per the Register of Computerized MBs. This should be done before the corresponding bill is submitted to the Engineer-in-charge for payment. The contractor shall submit two spare copies of such computerized MB's for the purpose of reference and record by the various officers of the department. The contractor shall also submit to the department separately his computerized Abstract of Cost and the bill based on these measurements, duly bound, and its pages machine numbered along with two spare copies of the "bill. Thereafter, this bill will be processed by the Engineer-in-charge and allotted a number as per the computerized record in the same way as done for the measurement book meant for measurements. The contractor shall, without extra charge, provide all assistance with every appliance, labour and other things necessary for checking of measurements / levels by the Engineer-in-charge or his representative. Except where any general or detailed description of the work expressly shows to the contrary, measurements shall be taken in accordance with the procedure set forth in the specifications notwithstanding any provision in the relevant Standard Method of measurement or any general or local custom. In the case of item which are not covered by specifications, measurements shall be taken in accordance with the relevant standard method of measurement issued by the Bureau of Indian Standards and if for any item no such standard is available then a mutually agreed method shall be followed. The contractor shall give not less than seven days' notice to the Engineer-in-Charge or his authorized representative of the work before covering up or otherwise placing beyond the reach of checking and / or test checking the measurement of any work in order that the same be checked and / or test checked and correct dimensions thereof be taken before the same is covered up or placed beyond the reach of checking and/or test checking measurement and shall not cover up and place beyond reach of measurement any work without

		consent in writing of the Engineer-in-charge or his authorized representative of the work who shall within the aforesaid period of seven days inspect the work, and if any work shall be covered up or placed beyond the reach of checking and / or test checking measurements without such notice having been given or the Engineer-in charge's consent being obtained in writing the same shall be uncovered at the contractor's expense, or in default thereof no payment or allowance shall be made for such work or the materials with which the same was executed.
		Engineer-in-charge or his authorised representative may cause either themselves or through another officer of the department to check the measurements recorded by contractor and all provisions stipulated herein above shall be applicable to such checking of measurements or levels. It is also a term of this contract that checking and/or test checking the measurements of any item of work in the measurement book and/or its payment in the interim, on account of final bill shall not be considered as conclusive evidence as to the sufficiency of any work or material to which it relates nor shall it relieve the contractor from liabilities from any over measurement or defects noticed till completion of the defects liability period.

CLAUSE 7

	Payment on Intermediate Certificate to be regarded as Advances	No payment shall be made for work, estimated to cost Rs. One lac or less till after the whole of the work shall have been completed and certificate of completion given. For works estimated to cost over Rs. One lac, the interim or running account bills shall be submitted by the contractor for the work executed on the basis of such recorded measurements in the format of the Department in triplicate on or before the date of every month fixed for the same by the Engineer-in-Charge. The contractor shall not be entitled to be paid any such interim payment if the gross work done together with net payment/ adjustment of advances for material collected, if any, since the last such payment is less than the amount specified in Schedule 'F', in which case the interim bill shall be prepared on the appointed date of the month after the requisite progress is achieved. Engineer-in-Charge shall arrange to have the bill verified by taking or causing to be taken, where necessary, the requisite measurements of the work. In the event of the failure of the contractor to submit the bills, Engineer-in- Charge shall prepare or cause to be prepared such bills in which event no claims whatsoever due to delays on payment including that of interest shall be payable to the contractor. Payment on account of amount admissible shall be made by the Engineer-in-Charge certifying the sum to which the contractor is considered entitled by way of interim payment at such rates as decided by the Engineer-in-Charge. An amount of ad-hoc payment not less than 75% of the net amount of the bill under check, shall be made within 10 working days of submission of the bill by the Contractor to the Engineer-in-Charge or his Authorized Engineer together with the account of the material issued by the department, or dismantled materials, if any. The remaining payment is also to be made after final checking of the bill within 28 working days of submission of bill by the contractor. In case of delay in payment of intermediate bills after 30 days of submission of bill by the contractor, provided the bill submitted by the contractor found to be in order, a simple interest @ prevailing rate of interest of General Provident Fund shall be paid to the contractor from the date of expiry of prescribed time limit. All such interim payments shall be regarded as payment by way of advances against final payment only and shall not preclude the requiring of bad, unsound and imperfect or unskilled work to be rejected, removed, taken away and

		reconstructed or re-erected. Any certificate given by the Engineer-in-charge relating to the work done or materials delivered forming part of such payment, may be modified or corrected by any subsequent such certificate(s) or by the final certificate and shall not by itself be conclusive evidence that any work or materials to which it relates is are in accordance with the contract and specifications. Any such interim payment, or any part thereof shall not in any respect conclude, determine or affect in any way powers of the Engineer-in-charge under the contract or any of such payments be treated as final settlement and adjustment of accounts or in any way vary or affect the contract. Pending consideration or extension of date of completion, interim payments shall continue to be made as herein provided without prejudice to the right of the department to take action under the terms of this contract for delay in the completion of work, if the extension of date of completion is not granted by the competent authority. The Engineer-in-Charge in his sole discretion on the basis of a certificate from the Asstt Manager / Manager (Engg) to the effect that the work has been completed up to the level in question make interim advance payments without detailed measurements for work done (other than foundations, items to be covered under finishing items) up to lintel level (including sunshade etc.) and slab level, for each floor working out at 75% of the assessed value. The advance payments so allowed shall be adjusted in the subsequent interim bill(s) to be submitted by the contractor within 10 days of the interim payment. In case of delay in submission of bill by the contractor a simple interest @ 10% (percent) per annum on the advance payment made shall be paid to the AAI from the date of expiry of prescribed 10 days.

CLAUSE 7A

		No Running Account Bill shall be paid for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Engineer-in-Charge

CLAUSE 8

	Completion Certificate and Completion Plans	Within ten days of the completion of the work, the contractor shall give notice of such completion to the Engineer-in-Charge and within thirty days of the receipt of such notice, the Engineer-in-Charge shall inspect the work and if there is no defect in the work, shall furnish the contractor with a final certificate of completion, otherwise a provisional certificate of physical completion indicating defects (a) to be rectified by the contractor and/or (b) for which payment will be made at reduced rates, shall be issued. But no final certificate of completion shall be issued, nor shall the work be considered to be complete for 'Civil Construction Works' until the contractor shall have removed from the premises on which the work shall be executed all scaffolding, surplus materials, rubbish and all huts and sanitary arrangements required for his/their work people on the site in connection with the execution of the works as shall have been erected or constructed by the contractor(s) and cleaned off the dirt from all wood work, doors, windows, walls, floor or other parts of the building, in, upon, or about which the work is to be executed or of which he may have had possession for the purpose of the execution; thereof, and not until the work shall have been measured by the Engineer-in-charge. If the contractor shall fail to comply with the requirements of this Clause as to removal of scaffolding, surplus materials and rubbish and all huts and sanitary arrangement as aforesaid and cleaning off dirt on or before the date fixed for the completion of work, the Engineer-in-charge may at the expense of the contractor remove such scaffolding, surplus materials and rubbish etc., and dispose of the same as he thinks fit and clean off such dirt as aforesaid, and the contractor shall have no claim in respect of

		scaffolding or surplus materials as aforesaid except for any sum actually realized by the sale thereof. a. For electrical and mechanical capital works: The contractor shall remove the rubbish from the site. Following conditions must be met before recording completion certificate: Submits completion plan, maintenance manual, manufactures catalogue and gives performance test for system. b. For repair works: The performance of the repaired system has been tested and found satisfactory. c. For AMC work: The system has been tested for its performance/ completeness and taken over by AAI/ next agency for operation and maintenance.

CLAUSE 8A

	Contractor to keep site clean	When the annual repairs and maintenance of works are carried out, the splashes and droppings from white washing colour washing, painting etc., on walls, floor, windows etc. shall be removed and the surface cleaned simultaneously with the completion of these items of work in the individual rooms, quarters or premises etc. Where the work is done without waiting for the actual completion of all the other items of work in the contract, in case the contractor fails to comply with the requirements of this clause, the Engineer-in-charge shall have the right to get this work done at the cost of the contractor either departmentally or through any other agency. Before taking such action, the Engineer-in-charge shall give ten days notice in writing to the contractor.

CLAUSE 8B

	Completion Plans to be Submitted by the Contractor	The contractor shall submit completion plan as required vide General Specifications for Electrical works (Part-I internal) 2013 and (Part -II External) 1994 or latest available specifications, as applicable within thirty days of the completion of the work. The contractor shall submit completion plan for building works, all services, and obtain occupancy certificate from local bodies on the basis of completion drawings within a period of 30 days from the date of completion. The contractor shall also submit catalogues of all equipment's and maintenance manual for the complete E & M systems. If contractor fails to submit completion plans of all works, he shall be liable to pay compensation @ 0.5% of the tendered value of works costing up to Rs. 5 Crores subject to maximum of Rs. 1.00 Lac and 0.25% for works costing more than Rs. 5 crores subject to maximum of Rs. 1.5.Lac. The decision of Project-in-charge in this regard shall be final and binding on the contractor.

CLAUSE 9

	Payment of final bill	The corrected final bill shall be submitted by the contractor in the same manner as specified in interim bills within three months of physical completion of the work or within one month of the date of the final certificate of completion furnished by the Engineer-in-charge whichever is earlier. No further claims shall be made by the contractor after submission of the final bill and these shall be deemed to have been waived and extinguished. Payments of those items of the bill in respect of which there is no dispute and for those items which are in dispute on account of quantity and/ or rates shall be paid at approved quantity and/ or rates by the Engineer-in-charge, within three months period reckoned from the date of receipt of the bill by the Engineer in-Charge or his authorized representative, complete with account of materials issued by the Department and dismantled materials. If the final bill is submitted by the contractor within the period specified above and payment of final bills is made by the AAI within above prescribed time limit, if delay in payment, a simple interest @ prevailing rate of interest of General Provident Fund shall be paid to the contractor from the date of expiry of prescribed time limit, provided the final bill submitted by the contractor is found to be in order. The Final bill shall be prepared for both L1 & L2 bidders for all tendered items (excluding Extra Items based on market rate) and payment shall be made on the basis of lower of the two.

CLAUSE 9 A

	Payment of contractor's bills to Banks	Payments due to the contractor and refund of various nature may, if so desired by him and wherever possible in banks be made through electronic payment mechanism instead of direct to him, provided that the contractor furnishes to the Engineer-in-Charge. i. Informations as per proforma attached. ii. An authorization in the form of a legally valid document such as power of attorney conferring authority on the bank to receive payments and iii. His own acceptance of the correctness of the amount made out as being due to him by Authority or his signature on the bill or other claim preferred against Authority before settlement by the Engineer-in-charge of the account or claim by payment to the bank. While the receipt given by such banks shall constitute a full and sufficient discharge for the payment, the contractor shall whenever possible present his bills duly receipted and discharged through his bank. Nothing herein contained shall operate to create in favour of the bank any rights or equities vis-à-vis the Airports Authority of India.

CLAUSE 10

Materials supplied by Authority	Materials which Authority will supply are shown in Schedule 'B' which also stipulates quantum, place of issue and rate(s) to be charged in respect thereof. The contractor shall be bound to procure them from the Engineer-in-charge. As soon as the work is awarded, the contractor shall finalise the programme for the completion of work as per clause 5 of this contract and shall give his estimates of materials required on the basis of drawings/ or schedule of quantities of the work. The contractor shall give in writing his requirement to the Engineer-in-charge, which shall be issued to him keeping in view the progress of work as assessed by the Engineer-in- Charge in accordance with the agreed phased programme of work indicating monthly requirements of various materials. The contractor shall place his indent in writing for issue of such materials at least 7 days in advance of his requirement. Such materials shall be supplied for the purpose of the contract only and the value of the materials so supplied at the rates specified in the aforesaid schedule shall be set off or deducted, as and when materials are consumed in items of work (including normal wastage) for which payment is being made to the contractor, from any sum then due or which may therefore become due to the contractor under the contract or otherwise or from the security deposit. At the time of submission of bills, the contractor shall certify that balance of materials supplied is available in original good condition. The contractor shall submit along with every running bill (on account or interim bill) material-wise reconciliation statements supported by complete calculations reconciling total issue, total consumption and certified balance (diameter/ section-wise in the case of steel) and resulting variations and reasons thereof. Engineer-in-charge shall (whose decision shall be final and binding on the contractor) be within his rights to follow the procedure of recovery in clause 42 at any stage of the work if reconciliation is not found to be satisfactory. The contractor shall bear the cost of getting the material issued, loading, transporting to site, unloading, storing under cover as required, cutting assembling and joining the several parts together as necessary. Notwithstanding anything to the contrary contained in any other clause of the contract and all stores

/ materials so supplied to the contractor or procured with the assistance of the Authority shall remain the absolute property of Authority and the contractor shall be the trustee of the stores/ materials, and the said stores/ materials shall not be removed/ disposed off from the site of the work on any account and shall be at all times open to inspection by the Engineer-in-charge or his authorised agent. Any such stores/ materials remaining unused shall be returned to the Engineer-in-charge in as good a condition in which they were originally supplied at a place directed by him, at a place of issue or any other place specified by him as he shall require, but in case it is decided not to take back the stores/ materials the contractor shall have no claim for compensation on any account of such stores/ materials so supplied to him as aforesaid and not used by him or for any wastage in or damage to in such stores/materials.

On being required to return the stores/ materials, the contractor shall hand over the stores/ materials on being paid or credited such price as the Engineer-in-charge shall determine, having due regard to the condition of the stores/ materials. The price allowed for credit to the contractor shall however, shall be at the prevailing market rate not exceeding the amount charged to him, excluding the storage charge, if any. The decision of the Engineer-in-charge shall be final and conclusive. In the event of breach of the aforesaid condition, the contractor shall in addition to throwing himself open to account for contravention of the terms of the licenses or permit and/ or for criminal breach of trust, be liable to Authority for all advantages or profits resulting or which in the usual course would have resulted to him by reason of such breach. Provided that the contractor shall in no case be entitled to any compensation or damages on account of any delay in supply or non-supply thereof all or any such materials and stores provided further that the contractor shall be bound to execute the entire work if the materials are supplied by the Authority within the original scheduled time for completion of the work plus 50% thereof or schedule time plus 6 months whichever is more if the time of completion of work exceeds 12 months, but if a part of the materials only has been supplied within the aforesaid period, then the contractor shall be bound to do so much of the work as may be possible with the materials and stores supplied in the aforesaid period. For the completion of the rest of the work, the contractor shall be entitled to such extension of time as may be determined by the Engineer-in-charge whose decision in this regard shall be final and binding on the contractor.

The contractor shall see that only the required quantities of materials are got issued. Any such material remaining unused and in perfectly good/ original condition at the time of completion or determination of the contract shall be returned to the Engineer-in-charge at the stores from which it was issued or at a place directed by him by a notice in writing. The contractor shall not be entitled for loading, transporting, unloading and stacking of such unused material except for the extra lead, if any involved, beyond the original place of issue.

DELETE

CLAUSE 10 A

	Materials to be provided by the contractor and Mandatory Tests	1. The contractor shall, at his own expense, provide all materials, required for the works other than those which are stipulated to be supplied by the Authority. 2. The contractor shall, at his own expense and without delay supply to the Engineer-in-Charge samples of materials to be used on the work and shall get these approved in advance. All such materials to be provided by the Contractor shall be in conformity with the specifications laid down or referred to in the contract. The contractor shall, if requested by the Engineer-in-Charge furnish proof, to the satisfaction of the Engineer-in-Charge that the materials so comply. The Engineer-in-Charge shall within thirty (30) days of supply of samples or within such further period as he may require intimate to the Contractor in writing whether samples are approved by him or not. If samples are not approved, the Contractor shall forthwith arrange to supply to the Engineer-in-Charge for his approval, fresh samples complying with the specifications laid down in the contract. When materials are required to be tested in accordance with specifications, approval of the Engineer-in-Charge shall be issued after the test results are received. The contractor shall at his risk and cost submit the samples of materials to be tested or analyzed and shall not make use of or incorporate in the work any materials represented by the samples until the required tests or analysis have been made and materials finally accepted by the Engineer-in-charge. 3. The Contractor shall at his cost submit the samples of materials to be tested or analyzed and shall not make use of or incorporate in the work any materials represented by the samples until the required tests or analysis have been made and materials finally accepted by the Engineer-in-Charge.. 4. The Contractor shall not be eligible for any claim or compensation either arising out of any delay in the work or due to any corrective measures required to be taken on account of and as a result of testing of materials. 5. The contractor shall, at his cost, make all arrangements and shall provide all facilities as the Engineer-in-Charge may require for collecting and preparing the required number of samples for such tests at such time and to such place or places as may be directed by the Engineer-in-Charge and bear all charges including testing charges. The Engineer -in- Charge or his authorized representative shall always have access to the works and to all workshops and places where work component is being prepared or from where materials, manufactured articles or machinery are being obtained for the works and the contractor shall afford every facility and every assistance in obtaining the right to such access. 6. The Engineer-in-Charge shall have full powers to require the removal from the premises of all materials which in his opinion are not in accordance with the specifications and in case of default, the Engineer-in-Charge shall be at liberty to employ at the expense of the contractor, other persons to remove the same without being answerable or accountable for any loss or damage that may happen or arise to such materials. The Engineer-in-Charge shall also have full powers to require other proper materials to be substituted thereof and in case of default, the Engineer-in-Charge may cause the same to be supplied and all costs which may attend such removal and substitution shall be borne by the Contractor.

		7. The contractor shall at his own expense, provide a material testing lab at the site for conducting routine field tests. The lab shall be equipped at least with the testing equipment as specified in schedule F.

CLAUSE 10 B

(1)	Secured Advance on Non-perishable materials	The contractor, on signing an indenture form specified in Appendix- XX, shall be entitled to be paid during the progress of the execution of the work up to 75% of the assessed value of any materials, which are in the opinion of the Engineer-in- charge non-perishable, non-fragile and non-combustible and are in accordance with the contract and which have been brought on the site in connection therewith and are adequately stored and/or protected against damage by weather or other causes but which have not at the time of advance been incorporated in the works. When materials on account of which an advance has been made under this sub-clause are incorporated in the work, the amount of such advance shall be recovered/deducted from the next payment made under any of the clause or clauses of this contract. Such secured advance shall also be payable on other items of perishable nature, fragile and combustible with the approval of the Engineer-in-charge provided the contractor provides a comprehensive insurance cover for the full cost of such materials. The decision of the Engineer-in-charge shall be final and binding on the contractor in this matter. No secured advance, shall however, be paid on high-risk materials such as ordinary glass, sand, petrol, diesel
(II)	Mobilization Advance	Mobilization advances not exceeding 10% of the tendered value may be given, if requested by the contractor in writing within six months of the order to commence the work. Such advance shall be released in two or more installments to be determined by the Engineer-in-Charge at his sole discretion. The first instalment of such advance shall be released by the Engineer-in-charge to the contractor on a request made by the contractor to the Engineerin-Charge in this behalf. The second and subsequent instalments shall be released by the Engineer-in-Charge only after the contractor furnishes a proof of the satisfactory utilization of the earlier instalment(s) to the satisfaction of the Engineer-in-Charge. Before any instalment of advance is released, the contractor shall execute Bank Guarantee Bonds not more than 6 (six) in number from commercial Bank for the amount equal to 110% of the amount of advance and valid for the period till recovery of advance. This (Bank Guarantee from commercial Bank on prescribed format for the amount equal to 110% of the balance amount of advance) shall be kept renewed from time to time to cover the balance amount and likely period of complete recovery.

	Interest on Mobilization advance	The mobilization advance bear simple interest at the rate as mentioned in Schedule-F per annum and shall be calculated from the date of payment to the date of recovery, both days inclusive, on the outstanding amount of advance.
	Recovery of Mobilization advance	Recovery of such sums advanced shall be made by the deduction from the contractor's bills commencing after first ten percent of the gross value of the work is executed and paid, on pro-rata percentage basis to the gross value of the work billed beyond 10% in such a way that the entire advance is recovered by the time eighty percent of the gross value of the contract is executed and paid, together with interest due on the entire outstanding amount up to the date of recovery of the installment. If the circumstances are considered reasonable by the Engineer-in-Charge, the period mentioned for request by the contractor in writing for grant of mobilization advance may be extended at the discretion of the Engineer-in- Charge.

CLAUSE 10 C

	Payment on Account of Increase in Prices/ Wages due to Statutory Order(s)	If after submission of tender, if the price of any material incorporated in the work and/ or wages of labour increases as a direct result of the coming into force of any fresh, law or statutory rule or order (but not due to any variation of rate in GST applicable on such material(s) being considered under this clause) beyond the prices/wages prevailing at the time of the last stipulated date of receipt of tenders including extensions, if any, for the work during contract period including the justified period extended under the provisions of Clause 5 of the contract without any action under Clause 2, then the amount of the contract shall accordingly be varied. If after submission of the tender, the price of any material incorporated in the works and/or wages of labour as prevailing at the time of last stipulated date of receipt of tender including extensions, if any, is decreased as a direct result of the coming into force of any fresh law or statutory rules or order (but not due to any variation of rate in GST applicable on such material(s) being considered under this clause), Authority shall in respect of materials incorporated in the works and/or labour engaged on the execution of the work after the date of coming into force of such law, statutory rule or order be entitled to deduct from the dues of the contractor, such amount as shall be equivalent to the difference between the prices of the materials and/or wages as prevailed at the time of the last stipulated date for receipt of tenders including extensions if any, for the work and the prices of materials and/or wages of labour on the coming into force of such law, statutory rule or order. This will be applicable for the contract period including the justified period extended under the provisions of Clause 5 of the contract without any action under Clause 2. Engineer-in-charge shall call books of account and other relevant documents from the contractor to satisfy himself about reasonability of increase in prices of materials and wages. The contractor shall, within a reasonable time of his becoming aware of any alteration in the price of any such materials and/ or wages of labour, give notice thereof to the Engineer-in-charge stating that the same is given pursuant to this condition together with all information relating thereto which he may be in position to supply. For this purpose, the labour component of 85% of the value of the work executed during period under consideration shall not exceed the percentage as specified in Schedule F, and the increase / decrease in labour shall be considered on the minimum daily wages in rupees of any unskilled mazdoor, fixed under any law, statutory rule or order. The cost of work for which escalation applicable is same as cost of work done shall be worked out as below: (a) Gross value of work done up to this quarter: (A) (b) Gross value of work done up to the last quarter: (B) (c) Gross value of work done since previous quarter (C)= (A-B) (d) Full assessed value of Secured Advance fresh paid in this quarter: (D) (e) Full assessed value of Secured Advance recovered in this quarter: (E) (f) Full assessed value of Secured Advance for which escalation Payable in this quarter, (F)= (D-E) (g) Advance payment made during this quarter: (G) (h) Advance payment recovered during this quarter: (H)

		(i) Advance payment for which escalation is payable in this Quarter (I)= (G-H) (j) Amount paid based on prevailing market rates due to deviations/variations as per Clause 12 during this quarter:(J) Then, $M = C-F+I-J$ $N = 0.85 M$ k. Less cost of services rendered at fixed charges as per Clause 34 and recovered during the quarter (L) l. Less cost of Engineering Consultancy Services rendered at fixed charges as per BOQ and paid during the quarter (X). Cost of work for which escalation is applicable $W=N-(L+X)$ Provided always that: (a) Where provisions of clause 10C are applicable, provisions of clause 10 CC will not be applicable and; (b) Where provisions of clause 10 CC are applicable, provisions of clause 10C will not be applicable.

CLAUSE 10 CA: DELETED

Payment due to variation in prices of materials after receipt of tender	If after submission of the tender, the price of materials specified in Schedule-F increases/ decreases beyond the base price(s) as indicated in Schedule F for the work, then the amount of the contract shall accordingly be varied as provided further that any such variations shall be effected for stipulated period of contract including the justified period extended under the provisions of clause 10 of the contract without any action under Clause 2. However for work done/ during the justified period extended as above, it will be limited to indices prevailing at the time of up to the stipulated date of completion considering the effect of extra work (extra time) to be stipulated on pro-rata basis only as cost of extra work X stipulated period/total period (cost). The increase/ decrease in prices for cement, steel reinforcement, structural steel, Bitumen and POL shall be determined by the price indices issued by the Director General, CPWD. For other items provided in the Schedule 'F', this shall be determined by the All India Wholesale Price Indices of materials as published by Economic Advisor to Government of India, Ministry of Commerce and Industry. Base price for cement, steel reinforcement, structural steel and POL shall be as issued under authority of Director General, CPWD applicable for Delhi including Noida, Gurgaon, Faridabad and Ghaziabad and for other places as issued under the authority of Zonal Chief Engineer, CPWD and base price of other materials issued by Director General, CPWD and as indicated in Schedule 'F'. If the price index of a particular material is not issued by Ministry of Commerce and Industry, then the price index of nearest similar material as indicated in Schedule F shall be followed. The amount of the contract shall accordingly be varied for all such materials worked on by the formula given below for individual material: Adjustment for component of individual material: $Q \times \frac{CI - CI_0}{CI_0}$ where,

V = Variation in material cost i.e. increase or decrease in the amount in rupees to be paid or recovered

P = Base price of material as issued under authority of DG, CPWD and as indicated in Schedule 'F'.

For Projects and original works

Q = Quantity of material brought at site for being used in the works since previous bill excluding any such quantity contained in the deviated

quantity of items beyond deviation limit and extra/substituted item, paid/to be paid at rates derived on the basis of clause 12.2

For maintenance works

Q = Quantity of material brought at site for being used in the works since previous bill including any such quantity contained in the deviated quantity of items beyond deviation limit and at agreement rates and extra/substituted item being scheduled item and excluding nonscheduled extra/substituted item paid/to be paid at rates derived on the basis of clause 12.2

CI_0 = Price index for cement, reinforcement bars, structural steel and POL as issued by the DG, CPWD and corresponding to the time of base price of respective material indicated in Schedule 'F'. For other items, if any provided in Schedule 'F', All India Wholesale Price Index for the material as published by Economic Advisor to Government of India, Ministry of Industry and Commerce and corresponding to the time of base price of respective material indicated in Schedule 'F'.

CI = Price index for cement, reinforcement bars, structural steel and POL as issued by the DG, CPWD for period under consideration. For other items, if any, provided in Schedule 'F' All India Wholesale Price Index for the material for the period under consideration as published by Economic Advisor to Government of India, Ministry of Industry and Commerce.

If actual purchase price of material is less than base price P and CI_0 then this clause shall not be applicable.

Not

i. In respect of period extended under the provisions of Clause 5 of the contract without any action under clause 2, the index prevailing at the time of updated stipulated date of completion considering the effect of extra work (extra time to be calculated on prorata basis only as cost of extra work X stipulated period/ tendered cost) shall be considered.

Provided always that provisions of the preceding Clause 10 C shall not be applicable in respect of materials covered in this Clause.

During progress of work or at the time of completion of work, it is noticed that any material brought at site is in excess of requirement, then amount of escalation if paid earlier on such excess quantity of material shall be recovered on the basis of cost indices as applied at time of payment of escalation or as prevailing at the time of effecting recovery, whichever is higher.

iii. Cement mentioned wherever in this clause includes cement component used in RMC brought at site from outside approved RMC plants, if any.

iv. The date wise record of ready mix concrete shall be kept in a register and cement consumption for the same shall be calculated accordingly.

If built-up steel items are brought at site from workshop, then the variation shall be paid for structural steel up to the period when the built-up item/finished product is brought at site.

Clause 10CC-NOT APPLICABLE

	Payment due to Increase/ Decrease in Prices / Wages (excluding material covered under clause 10CA) after Receipt of Tender for works.	If the prices of materials and/or wages of labour required for execution of the work increase, the contractor shall be compensated for such increase as per provisions detailed below and the amount of the contract shall accordingly be varied, subject to the condition that such compensation for escalation of prices of wages shall be available only for the work done during the stipulated period of the contract including the justified period extended under the provisions of Clause 15 of the contract without any action under Clause 2. Such compensation for escalation in the price of materials and labour, when due, shall be worked out based on the following provisions: (i) The base date for working out such escalation shall be the last stipulated date of receipt of tenders including extension. (ii) The cost of work on which escalation is payable shall be reckoned as below: (a) Gross value of work done up to the quarter: (A) (b) Gross value of work done up to the last quarter: (B) (c) Gross value of work done since previous quarter (C)= (A-B) (d) Full assessed value of Secured Advance paid in this quarter: (D) (e) Full assessed value of Secured Advance recovered in this quarter: (E) (f) Full assessed value of Secured Advance for which escalation Payable in this quarter, (F)= (D-E) (g) Advance payment received during this quarter: (G) (h) Advance payment recovered during this quarter: (H) (i) Advance payment for which escalation is payable in this Quarter (I)= (G-H) (j) Amount paid on prevailing market rates due to deviations/variations as per Clause 12 in this quarter:(J) Then, $M = C + J$ k. Less cost of services rendered at fixed charges as per Clause 34 and recovered during the quarter (L) l. Less cost of Engineering Consultancy Services rendered at fixed charges as per BOQ and paid during the quarter (X). Cost of work for which escalation is applicable $= N - (L + X)$ *Cost of Design & Detailing shall be treated as civil work for EPC contract. Components for materials, labour, etc. shall be pre-determined for every work and incorporated in the conditions of contract attached to the tender documents included in Schedule 'F'. The decision of the Engineer-in-Charge in working out such percentage shall be binding on the contractors.

(iii) The following principles shall be followed while working out the payment/recovery on account of variation of prices of materials and/ or wages of labour.

(a) The compensation for escalation shall be worked out at quarterly intervals and shall be with respect to the cost of work done as per bills paid during each of the three calendar months of the said quarter. The date of submission of bill finalised by the contractor to the department shall be the guiding factor to decide the bills relevant to the quarterly interval. The first such payment shall be made by the end of three months after the month (excluding the month in which the work order issued) and thereafter at three months' interval. In the event of completion of the work, the last period for payment might be more than 3 months, depending on the actual date of completion.

(b) The indices as defined below (excluding L₁) relevant to any quarter/period for which such compensation is to be paid shall be the arithmetical average of the indices relevant to the three calendar months. If the period up to the date of completion after the quarter covered by the last such instalment of payment, is more than three months, the indices shall be the average of the indices for the months falling within that period.

(c) The minimum wage of an unskilled Mazdoor shall be the higher of the wage notified by Government of India, Ministry of Labour and that notified by the local administration both relevant to the place of work and the period of reckoning.

(d) The escalation for labour shall be paid at the same quarterly intervals when escalation due to increase in prices of materials is paid under this clause. If such revision of minimum wages takes place during any such quarterly intervals, the escalation compensation shall be payable at revised rates only for work done in subsequent quarters.

(e) Irrespective of variations in minimum wages of any category of labour, for the purpose of this clause, the variation in the rate for an unskilled Mazdoor shall form the basis for working out the escalation compensation payable on the labour component.

(iv) In the event the price of materials and/or wages of labour required for execution of the work decreases, there shall be a downward adjustment of the cost of work done so that such price of materials and/or wages of labour shall be deducted from the cost of work under this contract and in this regard the formulae stated below under this Clause 10CC shall mutatis mutandis apply.

The contract price shall be adjusted for increase or decrease in rates and prices of labour, cement, steel reinforcement bar, fuel and lubricants and other input materials as per percentage of materials/labour specified in Schedule F and in accordance with the principles, procedures and formulae specified below:

(a) Price adjustment for change in cost shall be paid in accordance with the following formulae:

(i) For Construction:

$$V_W = W * (1/100) * [C_P * (C_I - C_O)/C_O + L_P * (L_I - L_O)/L_O + CM_P * (CM_I - CM_O)/CM_O + EM_P * (EM_I - EM_O)/EM_O + F_P * (F_I - F_O)/F_O + S_P * (S_I - S_O)/S_O + B_P * (B_I - B_O)/B_O]$$

(ii) For Maintenance:

$$V_W = W * (1/100) * [L_P * (L_I - L_O)/L_O + CM_P * (CM_I - CM_O)/CM_O + EM_P * (EM_I - EM_O)/EM_O + B_P * (B_I - B_O)/B_O]$$

Where, W=cost of work done as per para (ii) above

V_W (Variation of cost of Work) = Increase or decrease in cost of works during the period under consideration due to change in rates for relevant components.

Percentage components of materials & labour as per the schedule F

are defined as under: - C_P -

Cement component, L_P -

Labour component,

CM_P - Civil component of other construction materials,

EM_P - E & M i/c IT and AS components of construction materials

F_P -POL (Diesel) component

S_P - Reinforcement steel bars/Tendons/structural steel (including strands and cables) component

B_P - Bitumen Component

Indices for various components of materials & labour to be used for the purpose of this Clause are defined as under:

C_O = Wholesale Price Index for Pozzolana Cement published by office of the Economic Adviser, Ministry of Industry & Commerce valid for the month of last date of receipt of tender including extension, if any.

C_I = Wholesale Price Index for Pozzolana Cement published by office of the Economic Adviser, Ministry of Industry & Commerce for the period under consideration.

L_O = Minimum daily wage in rupees of an unskilled adult mazdoor, fixed under any statutory rule or order as on the last date of receipt of tender including extension, if any.

L_I = Minimum wage in rupees of an unskilled adult mazdoor, fixed under any law, statutory rule or order as applicable on the last date of the quarter previous to the one under consideration.

CM_O = Price Index for civil components of other construction materials valid for the month of the last date of receipt of tender including extension, if any, as published by AAI.

CM_I = Price Index for civil components of other construction materials for the period under consideration, as published by AAI.

EM_O = Price Index for E & M components of construction materials valid for the month of the last date of receipt of tender including extension, if any, as published by AAI.

EM_I = Price Index for E & M components of construction materials for the period under consideration, as published by AAI.

F_O = Wholesale Price Index of HSD (High Speed Diesel) published by office of the Economic Adviser, Ministry of Industry & Commerce valid for the month of the last date of receipt of tender including extension

		F_1= Wholesale Price Index of HSD (High Speed Diesel) published by office of the Economic Adviser, Ministry of Industry & Commerce for the period under consideration. S_0= Wholesale Price Index of Mild Steel-long product published by office of the Economic Adviser, Ministry of Industry & Commerce valid for the month of the last date of receipt of tender including extension, if any. S_1= Wholesale Price Index of Mild Steel-long product published by office of the Economic Adviser, Ministry of Industry & Commerce for the period under consideration. B_0= Wholesale Price Index of Bitumen published by office of the Economic Adviser, Ministry of Industry & Commerce valid for the month of the last date of receipt of tender including extension, if any. B_1= Wholesale Price Index of Bitumen published by office of the Economic Adviser, Ministry of Industry & Commerce for the period under consideration.

CLAUSE 10 D

	Dismantled Material AAI Property	The contractor shall treat all materials obtained during dismantling of a structure, excavation of the site for a work etc. as property of AAI and such materials shall be disposed off to the best advantage of Authority according to the instructions in writing issued by the Engineer-in-charge.

CLAUSE 11

	Work to be executed in accordance with specifications, drawings, orders etc.	The contractor shall execute the whole and every part of the work in the most substantial and workmanlike manner both as regards materials and otherwise in every respect in strict accordance with the specifications. The contractor shall also conform exactly, fully and faithfully to the design, drawings and instructions in writing in respect to the work signed by the Engineer in charge and the contractor shall be furnished free of charge one copy of the contract documents together with specifications, designs, drawings and instructions as are not included in the standard specifications of Central Public Works Department specified in Schedule F or in any Bureau of Indian Standard or any other published standard or code or Schedule of Rates or any other printed publication referred to elsewhere in the contract. The contractor shall comply with the provisions of the contract and with the care and diligence execute and maintain the works and provide all labour and materials, tools and plants including for measurements and supervision of all works, structural plans and other things of temporary or permanent nature required for such execution and maintenance in so far as the necessity for providing these, is specified or is reasonably inferred from the contract. The contractor shall take full responsibility for adequacy suitability and safety of all the works and methods of construction.

CLAUSE 12

	Deviations / variations extent and pricing	The engineer-in-charge shall have power (i) to make alteration in, omissions from, additions to, or substitutions for the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the work, and (ii) to omit a part of the works in case of non-availability of a portion of the site or for any other reasons and the contractor shall be bound to carry out the works in accordance with any instructions given to him in writing signed by the Engineering- charge and such alterations, omissions, additions or substitutions shall form part of the contract as if originally provided therein and any altered, additional or substituted work which the contractor may be directed to do in the manner specified above as part of the works, shall be carried out by the contractor on the same conditions in all respects including price on which he agreed to do the main work except as hereafter provided.
12.1		The time for completion of the works shall, in the event of any deviations resulting in additional cost over the tendered value being ordered, be extended, if requested by the contractor, as follows: i. In the proportion which the additional cost of the altered, additional or substituted work, bears to the original tendered value plus ii. 25% of the time calculated in (i) above or such further additional time as may be considered reasonable by the engineer-in-charge.
12.2	Deviation, Extra Items and Pricing	In the case of extra item(s) (items that are completely new, and in addition to the items contained in the contract) the contractor may within fifteen days of receipt of order or occurrence of the item(s) claim rates, supported by proper analysis, for the work and the Engineer-in-charge shall within Six weeks of the receipt of the claims supported by analysis, after giving consideration to the analysis of the rates submitted by the contractor, determine the rates on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined.

	Deviation, substituted items pricing	In the case of substituted items (items that are taken up with partial substitution or in lieu of items of work in the contract), the rate for the agreement item (to be substituted) and substituted item shall also be determined in the manner as mentioned in the following para. (i) If the market rate for the substituted item so determined is more than the market rate of the agreement item (to be substituted), the rate payable to the contractor for the substituted item shall be the rate for the agreement item (to be substituted) so increased to the extent of the difference between the market rates of substituted item and the agreement item (to be substituted). (ii) If the market rate for the substituted item so determined is less than the market rate of the agreement item (to be substituted), the rate payable to the contractor for the substituted item shall be the rate for the agreement item (to be substituted) so decreased to the extent of the difference between the market rates of substituted item and the agreement item (to be substituted).
	Deviation, Deviated Quantities, Pricing	In the case of contract items, substituted items, contract cum substituted items, which exceed the limits laid down in schedule F, the contractor may within fifteen days of receipt of order or occurrence of the excess, claim revision of the rates, supported by proper analysis for the work in excess of the above-mentioned limits, provided that if the rates so claimed are in excess of the rates specified in the schedule of quantities, the Engineer-in-Charge shall within prescribed time limit of receipt of the claims supported by analysis, after giving consideration to the analysis of the rates submitted by the contractor, determine the rates on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined.
12.3		The provisions of the preceding paragraph shall also apply to the decrease in the rates of items for the work in excess of the limits laid down in Schedule F, and the Engineer-in-Charge shall after giving notice to the contractor within one month of occurrence of the excess and after taking into consideration any reply received from him within fifteen days of the receipt of the notice, revise the rates for the work in question within one month of the expiry of the said period of fifteen days having regard to the market rates.
12.4		The contractor shall send to the Engineer-in-Charge once every three months, an upto date account giving complete details of all claims for additional payments to which the contractor may consider himself entitled and of all additional work ordered by the Engineer-in-Charge, which he has executed during the preceding quarter failing which the contractor shall be deemed to have waived his right. However, the Executive Director Engineering may authorize consideration of such claims on merits.
12.5		For the purpose of operation of Schedule F, the following works shall be treated as works relating to foundation unless & otherwise defined in the contract: - For Buildings: All works up to 1.2 meters above ground level or up to floor 1 level whichever is lower. - For abutments, piers and well staining: All works up to 1.2 m above the bed level. - For retaining walls, wing walls, compound walls, chimneys, overhead reservoirs/tanks and other elevated structures: All works up to 1.2 m above the ground level.

		iv. For roads, apron, runway & taxi track all items of excavation, filling GSBC and including treatment of sub-base. v. For reservoirs/tanks (other than overhead reservoirs/tanks): All works upto 1.2 meters above the ground level. vi. For basement: All works up to 1.2 m above ground level or up to floor 1 level whichever is lower.
12.6		Any operation incidental to or necessarily has to be in contemplation of tenderer while filing, tender, or necessary for proper execution of the item included in the Schedule of quantities or in the schedule of rates mentioned above, whether or not, specifically indicated in the description of the item and the relevant specifications, shall be deemed to be included in the rates quoted by the tenderer or the rate given in the said schedule of rates, as the case may be. Nothing extra shall be admissible for such operations.

CLAUSE 13

	Foreclosure of contract due to Abandonment or Reduction in Scope of Work	If at any time after acceptance of the tender or during the progress of work the purpose or object for which the work is being done changes due to any supervening cause and as a result of which the work has to be abandoned or reduced in scope the Engineer-in-Charge shall give notice in writing to that effect to the contractor and the contractor stating the decision as well as the cause for such decision and the contractor shall act accordingly in the matter. The contractor shall have no claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage which he might have derived from the execution of the works in full but which he did not derive in consequence of the foreclosure of the whole or part of the works. The contractor shall be paid at contract rates, full amount for works executed at site and, in addition, a reasonable amount as certified by the Engineer-in-Charge for the items hereunder mentioned which could not be utilized on the work to the full extent in view of the foreclosure; i. Any expenditure incurred on preliminary site work, e.g. temporary access roads, temporary labour huts, staff quarters and site office; storage accommodation and water storage tanks. ii. AAI shall have the option to take over contractor's materials or any part thereof either brought to site or of which the contractor is legally bound to accept delivery from suppliers (for incorporation in or incidental to the work) provided, however AAI shall be bound to take over the materials or such portions thereof as the contractor does not desire to retain. For materials taken over or to be taken over by AAI, cost of such materials as detailed by Engineer-in-Charge shall be paid. The cost shall, however, take into account purchase price, cost of transportation and deterioration or damage which may have been caused to materials whilst in the custody of the contractor. iii. If any materials supplied by AAI are rendered surplus, the same except normal wastage shall be returned by the contractor to AAI at rates not exceeding those at which these were originally issued, less allowance for any deterioration or damage which may have been caused whilst the materials were in the custody of the contractor. In addition, cost of transporting such materials from site to AAI stores, if so required by AAI, shall be paid.

		iv. Reasonable compensation for transfer of T & P from site to contractor's permanent stores or to his other works, whichever is less. If T & P are not transported to either of the said places, no cost of transportation shall be payable. v. Reasonable compensation for repatriation of contractor's site staff and imported labour to the extent necessary. The contractor shall, if required by the Engineer- in-Charge, furnish to him, books of account, wage books, time sheets and other relevant documents and evidence as may be necessary to enable him to certify the reasonable amount payable under this condition. The reasonable amount of items on (i), (iv) and (v) above shall not be in excess of 2% of the cost of the work remaining incomplete on the date of closure, i.e. total stipulated cost of the work as per accepted tender less the cost of work actually executed under the contract and less the cost of contractor's materials at site taken over by the AAI as per item (ii) above. Provided always that against any payments due to the contractor on this account or otherwise, the Engineer-in-Charge shall be entitled to recover or be credited with any outstanding balances due from the contractor for advance paid in respect of any tool, plants and materials and any other sums which at the date of termination were recoverable by the AAI from the contractor under the terms of the contract. In the event of action being taken under clause 13 to reduce the scope of work, the contractor may furnish fresh Performance Guarantee on the same conditions, in the same manner and at the same rate for the balance tendered amount and initially valid upto the extended date the completion or stipulated date of completion if no extension has been granted plus 180 days beyond that. Wherever, such a fresh Performance Guarantee is furnished by the contractor, the Engineer in Charge may return the previous Performance Guarantee.

CLAUSE 14

	Carrying out part Work at risk & cost of contractor	a. If contractor: - At any time makes default during currency of work or does not execute any part of the work with due diligence and continues to do so even after a notice in writing of 7 days in this respect from the Engineer-in-Charge; or - Commits default in complying with any of the terms and conditions of the contract and does not remedy it or takes effective steps to remedy it within 7 days even after a notice in writing is given in that behalf by the Engineer-in-Charge; or - Fails to complete the work(s) or items of work with individual dates of completion, on or before the date(s) so determined, and does not complete them within the period specified in the notice given in writing in that behalf by the Engineer-in-Charge. b. The Engineer- in-Charge without invoking action under clause 3 may, without prejudice to any other right or remedy against the contractor which have either accrued or accrue thereafter to AAI, by a notice in writing to take the part work / part incomplete work of any item(s) out of his hands and shall have powers to: - Take possession of the site and any materials, constructional plant, implements, stores, etc., there on; and/or - Carry out the part work / part incomplete work of any item(s) by any means at the risk and cost of the contractor.

		c. The Engineer-in-Charge shall determine the amount, if any, is recoverable from the contractor for completion of the part work/ part incomplete work of any item(s) taken out of his hands and executed at the risk and cost of the contractor, the liability of contractor on account of loss or damage suffered by AAI because of action under this clause shall not exceed 10% of the tendered value of the work. d. In determining the amount, credit shall be given to the contractor with the value of work done in all respect in the same manner and at the same rate as if it had been carried out by the original contractor under the terms of his contract, the value of contractor's materials taken over and incorporated in the work and use of plant and machinery belonging to the contractor. The certificate of the Engineer-in-Charge as to the value of work done shall be final and conclusive against the contractor provided always that action under this clause shall only be taken after giving notice in writing to the contractor. Provided also that if the expenses incurred by the department are less than the amount payable to the contractor at his agreement rates, the difference shall not be payable to the contractor. e. Any excess expenditure incurred or to be incurred by AAI in completing the part work/ part incomplete work of any item(s) or the excess loss of damages suffered or may be suffered by AAI as aforesaid after allowing such credit shall without prejudice to any other right or remedy available to AAI in law or per as agreement be recovered from any money due to the contractor on any account, and if such money is insufficient, the contractor shall be called upon in writing and shall be liable to pay the same within 30 days. f. If the contractor fails to pay the required sum within the aforesaid period of 30 days, the Engineer-in-Charge shall have the right to sell any or all of the contractors' unused materials, constructional plant, implements, temporary building at site etc. and adjust the proceeds of sale thereof towards the dues recoverable from the contractor under the contract and if thereafter there remains any balance outstanding, it shall be recovered in accordance with the provisions of the contract/ provisions of law. In the event of above course being adopted by the Engineer-in-Charge, the contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials or entered into any engagements or made any advance on any account or with a view to the execution of the work or the performance of the contract.

CLAUSE 15

	Suspension of Work	i. The contractor shall, on receipt of the order in writing of the Engineer-in-Charge, (whose decision shall be final and binding on the contractor) suspend the progress of the works or any part thereof for such time and in such manner as the Engineer-in-Charge may consider necessary so as not to cause any damage or injury to the work already done or endanger the safety thereof for any of the following reasons: - on account of any default on the part of the contractor or; - for proper execution of the works or part thereof for reasons other than the default of the contractor; or - For safety of the works or part thereof. The contractor shall, during such suspension, properly protect and secure the works to the extent necessary and carry out the instructions given in that behalf by the Engineer-in-Charge.

		ii. If the suspension is ordered for reasons (b) and (c) in sub-para (i) above (but not attributed to contractor): a. the contractor shall be entitled to an extension of time equal to the period of every such suspension PLUS 25% for completion of the item or group of items of work for which a separate period of completion is specified in the contract and of which the suspended work forms a part, and; b. If the total period of all such suspensions in respect of an item or group of items or work for which a separate period of completion is specified in the contract exceeds thirty days, the contractor shall, in addition, be entitled to such compensation as the Engineer-in-Charge may consider reasonable in respect of salaries and/or wages paid by the contractor to his employees and labour at site, remaining idle during the period of suspension, adding thereto 2% to cover indirect expenses of the contractor provided the contractor submits his claim supported by details to the Engineer-in-Charge within fifteen days of the expiry of the period of 30 days. c. If the works or part thereof is suspended on the orders of the Engineer-in-Charge for more than three months at a time, except when suspension is ordered for reasons (a) in sub-para (i) above, the contractor may after receipt of such order serve a written notice on the Engineer-in-Charge requiring permission within fifteen days from receipt by the Engineer-in-Charge of the said notice, to proceed with the work or part thereof in regard to which progress has been suspended and if such permission is not granted within that time, the contractor, if he intends to treat the suspension, where it affects only a part of the works as an omission of such part by AAI or where it affects whole of the works, as an abandonment of the works by AAI, shall within ten days of expiry of such period of 15 days give notice in writing of his intention to the Engineer-in-Charge. In the event of the contractor treating the suspension as an abandonment of the contract by AAI, he shall have no claim to payment of any compensations on account of any profit or advantage which he might have derived from the execution of the work in full but which he could not derive in consequence of the abandonment. He shall, however, be entitled to such compensation, as the Engineer-in-Charge may consider reasonable, in respect of salaries and/or wages paid by him to his employees and labour at site, remaining idle in consequence adding to the total thereof 2% to cover indirect expenses of the contractor provided the contractor submits his claim supported by details to the Engineer-in-Charge within 30 days of the expiry of the period of 3 months.

CLAUSE 15 A

	Compensation in case of delay due to late supply of stipulated material by AAI.	The contractor shall not be entitled to claim any compensation from AAI for the losses suffered by him on account of delay by AAI in the supply of materials in Schedule 'B' where such delay is covered by the difficulties relating to supply of wagons, force majeure or any reasonable cause beyond the control of AAI. This clause 15 A will not be applicable for works where no material is stipulated for issue by AAI.

CLAUSE 16

	Action in case Work not done as per Specifications	All works under or in course of execution or executed in pursuance of the contract, shall at all times be open and accessible to the inspection and supervision of the Engineer-in-Charge, his authorize subordinates in charge of the work and all the superior officers, officer of the Quality Assurance Unit of the AAI or any organization engaged by the Department of Quality Assurance and of the Chief technical Examiner's Office, and the contractor shall, at all times, during the usual working hours and at all other times at which reasonable notice of the visit of such officers has been given to the contractor, either himself be present to receive orders and instructions or have a responsible agent duly accredited in writing, present for that purpose. Orders given to the Contractor's agent shall be considered to have the same force as if they had been given to the contractor himself. If it shall appear to the Engineer-in -charge or his authorized subordinates in charge of the work or to the Executive Director-In-charge of quality assurance or his subordinate officers or the officers of the organization engaged by the AAI for quality Assurance or to the Chief Technical Examiner or his subordinate officers, that any work has been executed with unsound, imperfect, or unskillful workmanship, or with materials or articles provided by him for the execution of the work which are unsound or of a quality inferior to that contracted or otherwise not in accordance with the contract, the contractor shall, on demand in writing which shall be made within twelve months (six months in the case of work costing Rs.10 lac and below except road work) of the completion of the work from the Engineer-in-Charge specifying the work, materials or articles complained of notwithstanding that the same may have been passed, certified and paid for forthwith rectify, or remove and reconstruct the work so specified in whole or in part, as the case may require or as the case may be, remove the materials or articles so specified and provide other proper and suitable materials or articles at his own charge and cost. In the event of the failing to do so within a period specified by the Engineer-in-Charge in his demand aforesaid, then the contractor shall be liable to pay compensation at the same rate as under clause 2 of the contract (for non-completion of the work in time) for this default. In such case the Engineer-in-Charge may not accept the item of work at the rates applicable under the contract but may accept such items at reduced rates as the authority specified in schedule 'F' may considered reasonable during the preparation of on account bills or final bill if the item is so acceptable without detriment to the safety and utility of the item and the structure or he may reject the work outright without any payment and/or get it and other connected and incidental items rectified, or removed and re-executed at the risk and cost of the contractor. Decision of the Engineer-in-Charge to be conveyed in writing in respect of the same will be final and binding on the contractor.

CLAUSE17

	Contractor Liable for Damages, defects during maintenance period	If the contractor or his working people or servants shall break, deface, injure or destroy any part of building in which they may be working, or any building, road, road kerb fence, enclosure, water pipe, cables, drains, electric or telephone post or wires, trees, grass or grassland, or cultivated ground contiguous to the premises on which the work or any part is being executed, or if any damage shall happen to the work while in progress, from any cause whatever or if any defect, shrinkage or other faults appear in the work within twelve months (six months in the case of work costing Rs. Ten lacs and below except road work) after a certificate final or otherwise of its completion shall have been given by the

		Engineer-in-charge as aforesaid arising out of defect or improper materials or workmanship the contractor shall upon receipt of a notice in writing on that behalf make the same good at his own expense or in default the Engineering- charge cause the same to be made good by other workmen and deduct the expense from any sums that may be due or at any time thereafter may become due to the contractor, or from his security deposit or the proceeds of sale thereof or of a sufficient portion thereof. The security deposit of the contractor shall not be refunded before the expiry of twelve months (six months in the case of work costing Rs. Ten lacs and below except road work) after the issue of the certificate final or otherwise, of completion of work, or till the final bill has been prepared and passed whichever is later. Provided that in the case of road work, if in the opinion of the Engineer-in-charge, half of the security deposit is sufficient, to meet all liabilities of the contractor under this contract, half of the security deposit will be refundable after six months and the remaining half after twelve months of the issue of the said certificate of completion or till the final bill has been prepared and passed whichever is later. In case of Maintenance and Operation works of E&M services, the security deposit deducted from contractors shall be refunded within one month from the date of final payment or within one month from the date of completion of the maintenance contract whichever is earlier.

CLAUSE 18

	Contractor to Supply Tools & Plants etc.	The contractor shall provide at his own cost all materials (except such special materials, if any, as may in accordance with the contract be supplied from the Engineer-in charge's stores) machinery, tools & plants as specified in Schedule F. in addition to this, appliances, implements, other plants, ladders, cordage, tackle, scaffolding and temporary works required for the proper execution of the work, whether original, altered or substituted and whether included in the specifications or other documents forming part of the contract or referred to in these conditions or not, or which may be necessary for the purpose of satisfying or complying with the requirements of the Engineer-in charge as to any matter as to which under these conditions he is entitled to be satisfied, or which he is entitled to require together with carriage therefore to ad from the work. The contractor shall also supply without charge the requisite number of persons with the means and materials, necessary for the purpose of setting out works, and counting, weighing and assisting the measurement for examination at any time and from time to time of the work or materials. Failing his so doing, the same may be provided by the Engineer-in-charge at the expense of the contractor and the expenses may be deducted, from any money due to the contractor, under this contract or otherwise and/ or from his security deposit or the proceeds of sale thereof, or of a sufficient portion thereof.

CLAUSE 18 A

	Recovery of Compensation paid to Workmen	In every case in which by virtue of the provisions sub-section(i) of Section 12, of the Workmen's Compensation Act, 1923, AAI is obliged to pay compensation to a workman employed by the contractor, in execution of the works, AAI will recover from the contractor, the amount of the compensation so paid, and, without prejudice to the rights of the AAI under sub-section(2) of Section 12, of the said act, AAI shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due by AAI to the contractor whether under this contract or otherwise. AAI shall not be bound to

		contest any claim made against it under subsection (1) of Section 12, of the said Act, except on the written request of the contractor and upon his giving to AAI full security for all costs for which AAI might become liable in consequence of contesting such claim.

CLAUSE 18 B

	Ensuring Payment and Amenities to Workers if Contractor fails	In every case in which by virtue of the provisions of the Contract Labour (Regulation and Abolition) act 1970, and the Contract Labour (Regulation and Abolition) Central Rules, 1971, AAI is obliged to pay any amounts of wages to a workman employed by the contractor in execution of the works, or to incur any expenditure in providing welfare and health amenities required to be provided under the above said Act and the rules under Clause 19H or under the AAI Contractor's Labour Regulations or under the Rules framed by AAI from time to time for the protection of health and sanitary arrangements for workers employed by AAI Contractors, AAI will recover from the contractor the amount of wages so paid or the amount of expenditure so incurred and without prejudice to the rights of the AAI under sub section (2) of Section 20, sub section (4) of Section 21, of the Contract Labour (Regulation and Abolition) Act, 1970, AAI shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due by AAI to the contractor whether under this contract or otherwise AAI shall not be bound to contest any claim made against it under sub section (1) of Section 20, sub section (4) of Section 21, of the said Act, except on the written request of the contractor and upon his giving to the AAI full security for all costs for which AAI might become liable in contesting such claim.

CLAUSE 19

	Labour laws to be complied by the Contractor	The contractor shall obtain a valid license under the contract labour (R&A) Act, 1970 and the Contract Labour (Regulation and Abolition) Central Rules, 1971, before the commencement of the work, and continue to have a valid license until the completion of the work. The contractor shall also abide by the provisions of the Child Labour (Prohibition and Regulation) Act, 1986. The contractor shall also comply with the provisions of the building and other construction workers (Regulation of Employment & Conditions of Service) Act, 1996 and the building and other Construction Workers Welfare Cess Act, 1996. Any failure to fulfill these requirements shall attract the penal provisions of this contract arising out of the resultant non-execution of the work.

CLAUSE 19A

		No labour below the age of fourteen years shall be employed on the work.

CLAUSE 19B

	Payment of wages	Payment of wages: i The contractor shall pay to labour employed by him either directly or through subcontractors, wages not less than fair wages as defined in the AAI Contractor's Labour Regulation or as per the provisions of the Contract Labour (Regulation and Abolition) act, 1970 and the contract labour (Regulation and Abolition) Central Rules, 1971 wherever applicable. ii The contractor shall, notwithstanding the provisions of any contract to the contrary, cause to be paid fair wage to labour indirectly engaged on the work,

		including any labour engaged by his sub-contractors in connection with the said work, as if the labour had been immediately employed by him. iii In respect of all labour directly or indirectly employed in the works for performance of the contractor's part of this contract, the contractor shall comply with or cause to be complied with the Airports Authority of India contractor's Labour Regulations made by AAI from time to time in regard to payment of wages wage period, deductions from wages recovery of wages not paid and deductions unauthorisedly made, maintenance of wage books or wage slips, publication of scale of wages and other terms of employment, inspection and submission of periodical returns and all other matters of the like nature or as per the provisions of the Contract Labour (Regulation and Abolition) Act, 1970 and the Contract Labour (Regulation and Abolition) Central Rules, 1971, wherever applicable. iv. The following deductions shall be permissible to be made by the Engineer-in-Charge. a. The Engineer-in-charge concerned shall have the right to deduct from the moneys due to the contractor or any sum required or estimated to be required for making good the loss suffered by a worker or workers by reason of non-fulfillment of the conditions of the contract for the benefit of the workers, non-payment of wages or of deductions made from his or their wages which are not justified by their terms of the contract or non-observance of the Regulations. b. Under the provision of Minimum Wages (Central) Rule 1950 the contractor is bound to allow to the labours directly or indirectly employed in the works one day rest for 6 days continuous work and pay wages at the same rate as for duty. In the event of default, the Engineer-in-charge shall have the right to deduct the sum or sums not paid on account of wages for weekly holidays to any labours and pay the same to the persons entitled thereto from any money due to the contractor by the Engineer-in-charge concerned. In the case of Union Territory of Delhi, however, as the all-inclusive minimum daily wages fixed under Notification of the Delhi Administration No.F.12(162) MWO/DAB/43884-91, dated 31.12.1979 as amended from time to time are inclusive of wages for the weekly day of rest, the question of extra payment for weekly holiday would not arise. v. The contractor shall comply with the provisions of the Payment of wages Act, 1936, Minimum Wages Act, 1948, Employees Liability Act, 1938, Workmen's Compensation Act, 1923, Industrial Disputes Act, 1947, Maternity Benefits Act, 1961, and the Contractor's Labour (Regulation and Abolition) Act 1970, or the modifications thereof or any other laws relating thereto and the rule made there under from time to time. vi. The contractor shall indemnify and keep indemnified Authority against payments to be made under and for the observance of the laws aforesaid and the AAI Contractor's Labour Regulations without prejudice to his right to claim indemnity from his sub-contractors. vii. The laws aforesaid shall be deemed to be a part of this contract and any breach thereof shall be deemed to be a breach of this contract. viii. Whatever is the minimum wage for the time being, or if the wage payable is higher than such wage, such wage shall be paid by the contractor to the workmen directly without the intervention of Jamadar and that Jamadar shall not be entitled to deduct or recover any amount from the minimum wage payable to the workmen as and by way of commission or otherwise.

		ix. The contractor shall ensure that no amount by way of commission or otherwise is deducted or recovered by the Jamadar from the wage of workmen.

CLAUSE 19C

		In respect of all labour directly or indirectly employed in the work for the performance of the contractor's part of this contract, the contractor shall at his own expense arrange for the safety provisions as per AAI Safety Code framed from time to time and shall at his own expense provide for all facilities in connection therewith. In case the contractor fails to make arrangement and provide necessary facilities as aforesaid, he shall be liable to pay a penalty of Rs. 200/- for each default and in addition, the Engineer-in charge shall be at liberty to make arrangement and provide facilities as aforesaid and recover the costs incurred in that behalf from the contractor.

CLAUSE 19D

		The contractor shall submit by the 4th and 19th of every month, to the Engineer-in charge a true statement showing in respect of the second half of the preceding month and the first half of the current month respectively: - the number of labourers employed by him on the work, - their working hours, - the wages paid to him, - the accidents that occurred during the said fortnight showing the circumstances under which they happened and the extent of damage and injury caused by them, and - the number of female workers who have been allowed maternity benefit according to Clause 19F and the amount paid to them Failing which the contractor shall be liable to pay to AAI, a sum not exceeding Rs. 200/- for each default or materially incorrect statement. The decision of the Engineer-in-charge shall be final in deducting from any bill due to the contractor; the amount levied as fine and shall be binding on the contractor.

CLAUSE 19E

		In respect of all labour directly or indirectly employed in the works for the performance of the contractor's part of this contract, the contractor shall comply with or cause to be complied with all the rules framed by AAI from time to time for the protection of health and sanitary arrangements for workers employed by the AAI and its contractor.

CLAUSE 19F

		Leave and pay during leave shall be regulated as follows: - Leave: - In the case of delivery - maternity leave not exceeding 8 weeks, 4 weeks upto and including the day of delivery and 4 weeks following that day. - In the case of miscarriage - upto 3 weeks from the date of miscarriage. - Pay: - In the case of delivery – leave pay during maternity leave will be at the rate of women's average daily earnings, calculated on total wages earned on the days when full time work was done during a period of three months immediately preceding the date on which she gives notice that she expects to be confined or at the rate of Rupee one only a day whichever is greater. - In the case of miscarriage–leave pay at the rate of average daily earning

		calculated on the total wages earned on the days when full time work was done during a period of three months immediately preceding the date of such miscarriage. 3. Conditions for the grant of Maternity Leave: No maternity leave benefit shall be admissible to a woman unless she has been employed for a total period of not less than six months immediately preceding the date on which she proceeds on leave. 4. The contractor shall maintain a register of Maternity (Benefit) in the Prescribed Form as shown in appendix – III and IV, and the same shall be kept at the place of work.

CLAUSE 19 G

		In the event of the contractor (s) committing a default or breach of any of the provisions of the Airports Authority of India Contractor's Labour Regulations and Model Rules for the protection of health and sanitary arrangements for the workers as amended from time to time or furnishing any information or submitting or filling any statement under the provisions of the above Regulations and Rules which is materially incorrect, he / they shall, without prejudice to any other liability, pay to the AAI a sum not exceeding Rs.200/- for every default, breach or furnishing, making, submitting, filing such materially incorrect statements and in the event of the contractor(s) defaulting continuously in this respect, the penalty may be enhanced to Rs.200/- per day for each day of default subject to a maximum of 5 per cent of the estimated cost of the work put to tender. The decision of the Engineer-in-Charge shall be final and binding on the parties. Should it appear to the Engineer-in-Charge that the contractor (s) is / are not properly observing and complying with the provision of the AAI Contractor's Labour Regulations and Model Rules and the provisions of the Contract Labour (Regulation and Abolition) Act 1970, and the Contract Labour (R&A) Central Rules 1971, for the protection of health and sanitary arrangements for work – people employed by the contractor (s) (hereinafter referred as “the said Rules”) the Engineer-in-Charge shall have power to give notice in writing to the contractor (s) requiring that the said Rules be complied with and the amenities prescribed therein be provided to the work-people within a reasonable time to be specified in the notice. If the contractor (s) shall fail within the period specified in the notice to comply with and/ observe the said Rules and to provide the amenities to the work-people as aforesaid, the Engineer-in-Charge shall have the power to provide the amenities hereinbefore mentioned at the cost of the contractor (s). The contractor (s) shall erect, make and maintain at his / their own expense and to approved standards all necessary huts and sanitary arrangements required for his / their work –people on the site in connection with the execution of the works, and if the same shall not have been erected or constructed, according to approved standards, the Engineer-in-Charge shall have power to give notice in writing to the contractor (s) requiring that the said huts and sanitary arrangements be remodeled and / or reconstructed according to approved standards, and if the contractor (s) shall fail to remodel or reconstruct such huts and sanitary arrangements according to approved standards within the period specified in the notice, the Engineer-in-Charge shall have the power to remodel or reconstruct such huts and sanitary arrangements according to approved standards at the cost of the contractor (s).

CLAUSE 19 H

		The contractor (s) shall at his / their own cost provided his / their labour with a sufficient number of huts (hereinafter referred to as the camp) on the following specifications on a suitable plot of land to be approved the Engineer-in-Charge. i. Facility to be provided - The minimum height of each hut at the eaves level shall be 2.10m (7ft.) and the floor area to be provided will be at the rate of 2.7 sq.m. (30 sq.ft.) for each member of the worker's family staying with the labourer. - The contractor shall in addition construct suitable cooking places having a minimum area of 1.80 m x 1.50m (6'x5') adjacent to the hut for each family.
		- The contractor(s) shall also construct temporary latrines and urinals for the use of the labourers each on the scale of not less than four per each one hundred of the total strength, separate latrines and urinals being provided for women. - The contractor (s) shall construct sufficient number of bathing and washing places one unit for every 25 persons residing in the camp. These bathing and washing places shall be suitably screened. ii. Specifications - All the huts shall have walls of sun-dried or burnt-bricks laid in mud mortar or other suitable local materials as may be approved by the Engineer-in-Charge in case of sun-dried bricks, the walls should be plastered with mud gobi on both sides. The floor may be kutcha but plastered with mud gobi and shall be at least 15 cm (6") above the surrounding ground. The roofs shall be laid with the thatch or any other materials as may be approved by the Engineer-in-Charge and the contractor shall ensure that throughout the period of their occupation, the roofs remain water –tight. - The contractor (s) shall provide each hut with proper ventilation. - All doors, windows and ventilators shall be provided with suitable leaves for security purposes. - There shall be kept an open space of at least 7.2 m (8 yards) between the rows of huts which may be reduced to 6m (20 ft.) according to the availability of site with the approval of the Engineer-in-Charge. Back to back construction will be allowed. iii. Water Supply The contractor (s) shall provide adequate supply of water for the use of labourers. The provisions shall not be less than two gallons of pure and wholesome water per head per day for drinking purposes and three gallons of clean water per head per day for bathing and washing purposes. Where piped water supply is available supply shall be at stand posts and where the supply is from wells or river, tanks which may be of metal or masonry, shall be provided. The contractor (s) shall also at his / their own cost make arrangements for laying pipe lines for water supply to his / their labour camp from the existing mains wherever available and shall pay all fees and charges therefore. iv. The site selected for the camp shall be high ground, removed from jungle. v. Disposal of Excreta: The contractor (s) shall make necessary arrangement for the disposal of excreta from the latrines by trenching or incineration which shall be according to the requirements laid down by the Local Health Authorities. If trenching or incineration is not allowed, the contractor (s) shall make arrangements for the removal of the excreta through the Municipal Committee / authority and inform it about the number of labourers employed so that arrangements may be made by such Committee / authority for the removal of excreta. All charges on this account shall be borne by the contractor and paid direct by him to the

		Municipality / authority. The contractor shall provide one sweeper for every eight seats in case of dry system. vi. Drainage The contractor (s) shall provide efficient arrangements for draining away sullage water so as to keep the camp neat and tidy. vii. The contractor (s) shall make necessary arrangements for keeping the camp area sufficiently lighted to avoid accidents to the workers. viii. Sanitation The contractor(s) shall make arrangements for conservancy and sanitation in the labour camps according to the rules of the Local Public Health and Medical Authorities.

CLAUSE 19I

		The Engineer-in-Charge may require the contractor to dismiss or remove from the site of the work any person or persons in the contractors' employ upon the work who may be incompetent or misconduct himself and the contractor shall forthwith comply with such requirements. In respect of maintenance/repair or renovation works etc. where the labour have an easy access to the individual work premises, the contractor shall issue identity cards to the labourers, whether temporary or permanent and he shall be responsible for any untoward action on the part of such labour. Assistant Manager/Junior Executive will display a list of contractors working in the colony/Blocks on the notice board in the colony and also at the service center, to apprise the residents about the same.

CLAUSE 19J

		It shall be the responsibility of the contractor to see that the building under construction is not occupied by anybody unauthorized during construction, and is handed over to the Engineer-in-Charge with vacant possession of complete building. If such building though completed is occupied illegally, then the Engineer-in-Charge shall have the option to refuse to accept the said building/buildings in that position. Any delay in acceptance on this account will be treated as the delay in completion and for such delay, a levy upto 5% of tendered value of work may be imposed by the General Manager Engg. Whose decision shall be final both with regard to the justification and quantum and be binding on the contractor. However, the Executive Director Engg., through a notice may require the contractor to remove the illegal occupation any time on or before construction and delivery.

CLAUSE 19 K

	Employment of skilled / semiskilled workers	The contractor shall at all stages of work deploy skilled / semi-skilled tradesmen who are qualified and possess certificate in particular trade from CPWD Training Institute / Industrial Training Institute/National Institution of Construction Management and research (NICMAR) National Academy of Construction, CIDC or any similar reputed and recognized Institute managed / certified by State / Central Government. The number of such qualified tradesmen shall not be less than 20% of total skilled / semi-skilled workers required in each trade at any stage of work. The contractor shall submit number of man days required in respect of each trade, its scheduling and the list of qualified tradesmen along with requisite certificate from recognized Institute to Engineer-in-charge for approval. Notwithstanding such approval, if the tradesmen are found to have inadequate skill to execute the work of

		respective trade, the contractor shall substitute such tradesmen within two days of written notice from Engineer –in- Charge. Failure on the part of contractor to obtain approval of Engineer-in-Charge or failure to deploy qualified tradesmen will attract a compensation to be paid by contractor at the rate of Rs.100 per such tradesman per day. Decision of Engineer-in-Charge as to whether particular tradesman possesses requisite skill and amount of compensation in case of default shall be final and binding. Provided always, that the provision of this clause shall not be applicable for works with estimated cost put to tender being less than Rs.5 crores.

CLAUSE 19 L

	Registration with EPFO and ESIC	The ESI and EPF contributions on the part of employer in respect of this contract shall be paid by the contractor. These contributions on the part of the employer paid by the contractor shall be reimbursed by the Engineer-in-charge to the contractor on actual basis. The verification of deployment of labour will be done through biometric attendance system or any other suitable method by the Engineer in Charge. The applicable and eligible amount of EPF & ESI shall be reimbursed preferably within 7 days but not later than 30 days of submission of documentary proof of payment provided same are in order.

CLAUSE 19 M

	Compliance of NGT guidelines	The contractor is required to follow latest NGT guidelines at the construction site and any violation of such guidelines will be in his account.

CLAUSE 20

	Minimum Wages Act to be Complied with	The contractor shall comply with all the provision of the Minimum Wages Act, 1948, and Contract Labour (Regulation and Abolition) Act, 1970 amended from time to time and rules framed there under and other labour laws affecting contract labour that may be brought into force from time to time.

CLUASE 21

	Work not to be sublet. Action in case of insolvency	The contract shall not be assigned or sublet without the written approval of Engineer-in-Charge. And if the contractor shall assign or sublet his contract, or attempt to do so, or become insolvent or commence any insolvency proceedings or make any composition with his creditors or attempt to do so, or if any bribe, gratuity, gift, loan, perquisite, reward or advantage pecuniary or otherwise, shall either directly or indirectly, be given, promised or offered by the contractor, or any of his servants or agent to any public officer or person in the employ of AAI in any way relating to his office or employment, or if any such officer or person shall become in any way directly or indirectly interested in the contract, the Engineers in Charge on behalf of the AAI shall have power to adopt the course specified in Clause 3 hereof in the interest of AAI and in the event of such course being adopted, the consequences specified in the said Clause 3 shall ensue.

CLUASE22

		All sums payable by way of compensation under any of these conditions shall be considered as reasonable compensation to be applied to the use of AAI without reference to the actual loss or damage sustained and whether or not any damage shall have been sustained.

CLAUSE23

	Changes in firm's Constitution to be intimated	Where the contractor is a partnership firm, the previous approval in writing of the Engineer-in-Charge shall be obtained before any change is made in the constitution of the firm. Where the contractor is an individual or a Hindu undivided family business concern such approval as aforesaid shall likewise be obtained before the contractor enters into any partnership agreement where under the partnership firm would have the right to carry out the works hereby undertaken by the contractor. If previous approval as aforesaid is not obtained, the contract shall be deemed to have been assigned in contravention of Clause21 hereof and the same action may be taken and the same consequences shall ensue as provided in the said Clause 21.

CLAUSE24

		All works to be executed under the contract shall be executed under the direction and subject to the approval in all respects of the Engineer-in-Charge who shall be entitled to direct at what point or points and in what manner they are to be commenced, and from time to time carried on.

CLAUSE 25

	Dispute Resolution Mechanism and Arbitration	<u>Dispute Resolution Clause</u> All disputes or differences which may arise out of or in connection with or incidental to the Agreement(s) including any dispute or difference regarding the interpretation of terms and conditions of any clause(s) thereof shall be dealt with as provided hereinafter: (i) Through Mediation: All dispute(s), at the first instance, shall be referred to the Mediation Committee of Independent Experts (MCIE) or individual mediator for mediation as per AAI Mediation Policy and applicable laws. All cost of mediation, shall be borne equalize by the parties. In case either party withdraws from the Mediation or the dispute(s) is not resolved within 120 days of reference to the Mediation, then the aggrieved party may invoke arbitration through sub para (ii) within 30 days from the date of receipt of Partial Settlement Agreement or Failure Report. (ii) Adjudication through Arbitration: In case no final settlement has been arrived at between the parties after mediation or partially settled as per sub Para (i) above, the unresolved dispute(s), on invocation by the aggrieved party shall be referred for adjudication by arbitration. a. When the amount involved is above 25 crores, adjudication shall be made by Arbitral Tribunal comprising of 03 arbitrators. Each party to appoint one Arbitrator and the two appointed arbitrators shall appoint the Presiding Arbitrator. b. When the amount involved is Rs. 25 Crores and below shall be referred to a Sole Arbitrator to be appointed by Chairman/Member, AAI, after obtaining consent of the other party, as per format annexed at Annexure-‘A’. Unless the contract has already been repudiated or terminated, the parties shall, in every case, continue to proceed to perform their respective obligations under the agreement. Arbitration proceedings shall be conducted in accordance with the provisions of the Arbitration and Conciliation Act, 1996, as amended from time to time. Fee payable to the Arbitrator(s) shall be as per Schedule-IV of the Arbitration & Conciliation Act, 1996 and shall be borne by both the parties equally. No dispute shall be referred for resolution under this clause through arbitration in matters for which eviction & recovery procedure is provided under Chapter VA of the Airports Authority of India Act, 1994.

		In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contract(s) between Central Public Sector Enterprises (CPSES) / Port Authorities inter-se and also between CPSES and Government Departments / Organizations excluding disputes relating (to Railways, Income Tax, Customs & Excise Departments), such dispute or difference shall be taken up by either party for its resolution through AMRCD as mentioned in DPE OM No. DPE-02/0001/2023-AMRCD-FTS-13578 dated 8th December 2025 and the decision of AMRCD on the said dispute will be binding on both the parties."

CLAUSE 26

	Contractor to indemnify AAI against Patent Rights	The contractor shall fully indemnify and keep indemnified the Chairman AAI against any action, claim or proceeding relating to infringement or use of any patent or design or any alleged patent or design rights and shall pay and royalties which may be payable in respect of any article or part thereof included in the contract. In the event of any claims made under or action brought against AAI in respect of any such matters as aforesaid, the contractor shall be immediately notified thereof and the contractor shall be at liberty, at his own expense, to settle any dispute or to conduct any litigation that may arise there from, provided that the contractor shall not be liable to indemnify the AAI if the infringement of the patent or design or any alleged patent or design right is the direct result of an order passed by the Engineer-in-Charge in this behalf.

CLAUSE 27

	Lump sum Provisions in Tender	When the estimate on which a tender is made, includes lump sum in respect of parts of the work, the contractor shall be entitled to payment in respect of the items of work involved or the part of the work in question at the same rates as are payable under this contract for such items ,or if the part of work in question is not, in the opinion of the Engineer-in-Charge payable of measurement, the Engineer-in-Charge may at his discretion pay the lump- sum amount entered in the estimate, and the certificate in writing of the Engineer-in-Charge shall be final and conclusive against the contractor with regard to any sum or sums payable to him under the provision of the clause.

CLAUSE 28

	Action where no specifications are specified	In the case of any class of work for which there is no such specifications as referred to in Clause 11, such work shall be carried out in accordance with the Bureau of Indian Standards Specifications. In case there are no such specifications in Bureau of Indian Standards, the work shall be carried out as per manufacturers' specifications. In case there are no such specifications as required above, the work shall be carried out in all respects in accordance with the instructions and requirements of the Engineer-in-Charge.

CLAUSE 29

	With-holding and lien in respect of sums due from contractor	i. Whenever any claims for payment of a sum of money arises out of or under the contract or against the contractor, the Engineer-in-Charge or the AAI shall be entitled to withhold and also have a lien to retain such sum or sums in whole or in part from the security, if any deposited by the contractor and for the purpose aforesaid, the Engineer-in-Charge or the AAI shall be entitled to withhold the security deposit if any, furnished as the case may be and also have a lien over the same pending finalization or adjudication of any such claim. In the event of the security being insufficient to cover the claimed amount or amounts or if no security has been taken from the contractor, the Engineer-in-Charge or the AAI shall be entitled to withhold and have lien to retain to the extent of such claimed amount or amounts referred to above from any sum or sums found payable or which may at any time thereafter become payable to the contractor under the same contract or any other contract with the Engineer-in-Charge of the AAI or any contracting person through the Engineer- in-Charge pending finalization of adjudication of any such claim. It is an agreed term of the contract that the sum of money or moneys so withheld or retained under the lien referred to above by the Engineer-in- Charge or AAI will be kept withheld or retained as such by the Engineer-in- Charge or AAI till the claim arising out of or under the contract is determined by the arbitrator. (if the contract is governed by the arbitration clause) or by the competent court, as the case may be and that the contractor will have no claim for interest or damages whatsoever on any account in respect of such withholding or retention under the lien referred to above and duly notified as such to the contractor. For the purpose of this clause, where the contractor is a partnership firm or a limited company, the Engineer-in-Charge or the AAI shall be entitled to withhold and also have a lien to retain towards such claimed amount or amounts in whole or in part from any sum found payable to any partner/limited company as the case may be, whether in his individual

		capacity or otherwise. ii. AAI shall have the right to cause an audit and technical examination of the works and the final bills of the contractor including all supporting vouchers, abstract, etc, to be made after payment of the final bill and if as a result of such audit and technical examination any sum is found to have been overpaid in respect of any work done by contractor under the contract or any work claimed to have been done by the him under the contract and found not to have been executed, the contractor shall be liable to refund the amount of over payment and it shall be lawful for AAI to recover the same from him in the manner prescribed in sub-clause (i) of this clause or in any other manner legally permissible; and if it is found that the contractor was paid less than what was due to him under the contract in respect of any work executed by him under it, the amount of such under payment shall be duly paid by AAI to the contractor, without any interest thereon whatsoever. Provided that the AAI shall not be entitled to recover any sum overpaid, nor the contractor shall be entitled to payment of any sum paid short where such payment has been agreed upon between the Executive Director Engineering / General Manager Engineering on the one hand and the contractor on the other under any term of the contract permitting payment for work after assessment by the Executive Director Engineering / General Manager Engineering.

CLAUSE 29 A

	Lien in respect of claims in other Contracts	i. Any sum of money due and payable to the contractor (including the security deposit refundable to him) under the contract may be withheld or retained by way of lien by the Engineer-in-Charge or the AAI or any other contracting person or persons through Engineer-in-Charge against any claim of the Engineer-in-Charge or AAI or such other person or persons in respect of payment of a sum of money arising out of or under any other contract made by the contractor with the Engineer-in-Charge or the AAI or with such other person or persons. ii. It is an agreed term of the contract that the sum of money so withheld or retained under this clause by the Engineer-in-Charge or the AAI will be kept withheld or retained as such by the Engineer-in-Charge or the AAI or till his claim arising out of the same contract or any other contract is either mutually settled or determined by the arbitration clause or by the competent court, as the case may be and that the contractor shall have no claim for interest or damages whatsoever on this account or on any other ground in respect of any sum of money withheld or retained under this clause and duly notified as such to the contractor.

CLAUSE 30

	Employment of coal mining or controlled area labour not permissible	i. The contractor shall not employ coal mining or controlled area labour falling under any category whatsoever or in connection with the work or recruit labour from area within a radius of 32 km (20 miles) of the controlled area. Subject as above the contractor shall employ imported labour only i.e., deposit imported labour or labour imported by contractors from area, from which import is permitted. ii. Where ceiling price for imported labour has been fixed by State or Regional Labour Committees not more than that ceiling price shall be paid to the labour by the contractor. iii. The contractor shall immediately remove any labourer who may be pointed

		out by the Engineer-in-Charge as being a coal mining or controlled area labourer. Failure to do so shall render the contractor liable to pay to AAI a sum calculated at the rate of Rs.10/- per day per labourer. The certificate of the Engineer-in –Charge about the number of coal mining or controlled area labourer and the number of days for which they worked shall be final and binding upon all parties to this contract. iv. It is declared and agreed between the parties that the aforesaid stipulation in this clause is one in which the public are interested within the meaning of the exception in Section 74 of Indian Contract Act, 1872. Explanation: - Controlled area mean the following areas: Districts of Dhanbad, Hazaribagh, Jamtara- Sub-Division under Santhal Pargana Commissionery, District of Bankura, Birbhum, Burdwan, District of Bilaspur. Any other area which may be declared a Controlled Area by or with the approval of the Central Government.

CLAUSE 31

	Unfiltered water supply	The contractor(s) shall make his/their own arrangements for water required for the work and nothing extra will be paid for the same. This will be subject to the following conditions. i. That the water used by the contractor (s) shall be fit for construction purposes to the satisfaction of the Engineer-in-Charge. ii. The Engineer-in-Charge shall make alternative arrangements for supply of water at the risk and cost of contractor (s) if the arrangements made by the contractor(s) for procurement of water are in the opinion of the Engineer-in-Charge, unsatisfactory.

CLAUSE 31A

	Departmental water supply, if available	Water if available may be supplied to the contractor by the department subject to the following conditions: - i. The water charges @1% shall be recovered on gross amount of the work done. ii. The contractor(s) shall make his/their own arrangement of water connection and laying of pipelines from existing main of source of supply. iii. The Department do not guarantee to maintain uninterrupted supply of water and it will be incumbent on the contractor (s) to make alternative arrangements for water at his/their own cost in the event of any temporary break down in the AAI's water main so that the progress of his/their work is not held up for want of water. No claim of damage or refund of water charges will be entertained on account of such break down.

CLAUSE 32

	Alternate water arrangements	i. Where there is no piped water supply arrangement and the water is taken by the contractor from the wells or hand pump constructed by the AAI, no charge shall be recovered from the contractor or that account. The contractor shall, however, draw water at such hours of the day that it does not interfere with the normal use for which the hand pumps and well are intended. He will also be responsible for all damage and abnormal repairs arising out of his use, the cost of which shall be recoverable from him. The Engineer-in-Charge shall be the final authority to determine the cost recoverable from the

		contractor on this account and his decision shall be binding on the contractor. ii. The contractor shall be allowed to construct temporary wells in AAI land for taking water for construction purposes only after he has got permission of the Engineer-in-Charge in writing. No charges shall be recovered from the contractor on this account but the contractor shall be required to provide necessary safety arrangements to avoid any accidents or damage to adjacent buildings, roads and service lines. He shall be responsible for any accidents or damage caused due to construction and subsequent maintenance of the wells and shall restore the ground to its original condition after the wells are dismantled on completion of the work.

CLAUSE33

	Return of Surplus materials	Notwithstanding anything contained to the contrary in this contract, where any materials for the execution of the contract are procured with the assistance of AAI either by issue from AAI stocks or purchase made under orders or permits or licenses issued by AAI, the contractor shall hold the said materials economically and solely for the purpose of the contract and not dispose of them without the written permission of the AAI and return, if required by the engineer-in-Charge, all surplus or unserviceable materials that may be left with him after the completion of the contract or at its termination for any reason whatsoever on being paid or credited such prices as the Engineer-in-Charge shall determine having due regard to the condition of the materials. The price allowed to the contractor however shall not exceed the amount charged to him excluding the element of storage charges. The decision of the Engineer-in-Charge shall be final and conclusive. In the event of breach of the aforesaid condition, the contractor shall in addition to throwing himself open to action for contravention of the terms of the license or permit and/or for criminal breach of trust, be liable to AAI for all moneys, advantages or profits resulting or which in the usual course would have resulted to him by reason of such breach.

CLAUSE34

	Hire of plant & Machinery	i. The Contractor shall arrange at his own expense all tools, plant, machinery and equipment (hereinafter referred to as T&P) required for execution of the work except for the Plant & Machinery listed in Schedule 'C' and stipulated for issue to the contractor. If the contractor requires any item of T&P on hire from the T&P available with the AAI over and above the T&P stipulated for issue, the AAI will, if such item is available, hire it to the contractor at rates to be agreed upon between him and the Engineer-in-charge. In such a case, all the conditions hereunder for issue of T & P shall also be applicable to such T&P as is agreed to be issued. ii. Plant & Machinery when supplied on hire charges shown in Schedule 'C' shall be made over and taken back at the departmental equipment yard / shed shown in Schedule 'C' and the contractor shall bear the cost of carriage from the place of issue to the site of work and back. The contractor shall be responsible to return the plant and machinery with condition in which it was handed over to him, and he shall be responsible for all damage caused to the said plant and machinery at the site of work or elsewhere in operation and otherwise during transit including damage to or loss of plant and for all losses due to his failure to return the same soon after the completion of the work for which it was issued. The Engineer-in-charge shall be the sole judge to determine the liability of the contractor and its extent in this regard and his decision shall be final and binding on the contractor.

		iii. The plant and machinery as stipulated above will be issued as and when available and if required by the contractor. The contractor shall arrange his programme of work according to the availability of the plant and machinery and no claim, whatsoever, will be entertained from him for any delay in supply by the department. iv. The hire charges shall be recovered at the prescribed rates from and inclusive of the date the plant and machinery made over upto and inclusive of the date of the return in good order even though the same may not have been working for any cause except major breakdown due to no fault of the contractor or faulty use requiring more than three working days continuously (excluding intervening holidays and Sundays) for bringing the plant in order. The contractor shall immediately intimate in writing to the Engineer-in-charge when any plant or machinery gets out of order requiring major repairs as aforesaid. The Engineer-in-charge shall record the date and time of receipt of such intimation in the log sheet of the plant or machinery. Based on this if the breakdown before lunch period or major breakdown will be computed considering half a day's breakdown on the day of complaint. If the breakdown occurs in the post lunch period of major breakdown will be computed starting from the next working day. In case of any dispute under this clause, the decision of the Executive Director (Engg) /General Manager (Engg) shall be final and binding on the contractor. v. The hire charges shown above are for each day of 8 hours (inclusive of the one hour lunch break) or part thereof. vi. Hire charges will include service of operating staff as required and also supply of lubricating oil and stores for cleaning purposes. Power fuel of approved type, firewood, kerosene oil etc. for running the plant and machinery and also the full time chowkidar for guarding the plant and machinery against any loss or damage shall be arranged by the contractor who shall be fully responsible for the safeguard and security of plant and machinery. The contractor shall on or before the supply of plant and machinery sign an agreement indemnifying the Department against any loss or damage caused to the plant and machinery either during transit or at site of work. vii. Ordinarily, no plant and machinery shall work for more than 8 hours a day inclusive of one hour lunch break. In case of an urgent work however, the Engineer-in-charge may, at his discretion, allow the plant and machinery to be worked for more than normal period of 8 hours a day. In that case, the hourly hire charges for overtime to be borne by the contractor shall be 50% more than the normal proportionate hourly charges (1/8th of the daily charges) subject to a minimum of half day's normal charges on any particular day. For working out hire charges for over time, a period of half an hour and above will be charged as one hour and a period of less than half an hour will be ignored. viii. The contractor shall release the plant and machinery every seventh day for periodical servicing and / or wash out which may take about three to four hours or more. Hire charges for full day shall be recovered from the contractor for the day of servicing / wash out irrespective of the period employed in servicing. ix. The plant and machinery once issued to the contractor shall not be returned by him on account of lack of arrangements of labour and materials, etc. on his part, the same will be returned only when they are required for major repairs or when in the opinion of the Engineer-in-charge, the work or a portion of work for which the same was issued is completed. x. Log Book for recording the hours of daily work for each of the plant and machinery supplied to the contractor will be maintained by the Department and will be countersigned by the contractor or his authorised agent daily. In

		case the contractor contests the correctness of the entries and / or fails to sign the Log Book, the decision of the Engineer-in-charge shall be final and binding on him. Hire charges will be calculated according to the entries in the Log Book and will be binding on the contractor. Recovery on account of hire charges for road rollers shall be made for the minimum number of days worked out on the assumption that a roller can consolidate per day and maximum quantity of materials or area surfacing as noted against each in the annexed statement (see attached annexure). xi. In the case of concrete mixers, the contractors shall arrange to get the hopper cleaned and the drum washed at the close of the work each day or each occasion. (a) In case rollers for consolidation are employed by the contractor himself, log book for such rollers shall be maintained in the same manner as is done in case of departmental rollers, maximum quantity of any items to be consolidated for each roller-day shall also be same as in Annexure to Clause 34(x). For less use of rollers, recovery for the less roller days shall be made at the stipulated issue rate. xii. The contractor shall be responsible to return the plant and machinery in the condition in which it was handed over to him and he shall be responsible for all damage caused to the said plant and machinery at the site of work or elsewhere in operation or otherwise or during transit including damage to or loss of parts, and for all losses due to his failure to return the same soon after the completion of the work for which it was issued. The Engineer-in-charge shall be the sole judge to determine the liability of the contractor and its extent in this regard and his decision shall be final and binding on the contractor. xiii. The contractor will be exempted from levy of any hire charges for the number of days he is called upon in writing by the Engineer-in-charge to suspend execution of the work, provided AAI's plant and machinery in question have, in fact, remained idle with the contractor because of the suspension. xiv. In the event of the contractor not requiring any item of plant and machinery issued by AAI though not stipulated for issue in Schedule 'C' any time after taking delivery at the place of issue, he may return it after two days written notice or at any time without notice if he agrees to pay hire charges for two additional days without, in any way, affecting the right of the Engineer-in-charge to use the said plant and machinery during the said period of two days as he likes including hiring out to a third party.

CLAUSE 35

	Condition relating to use of asphaltic materials	i. ~~The contractor undertakes to make arrangement for the supervision of the work by the firm supplying the tar or bitumen used.~~ ii. ~~The contractor shall collect the total quantity of tar or bitumen required for the work as per standard formula, before the process of painting is started and shall hypothecate it to the Engineer in Charge. If any bitumen or tar remains unused on completion of the work on account of lesser use of materials in actual execution of for reasons other than authorised changes of specifications and abandonment of portion of work, a corresponding deduction equivalent to the cost of unused materials as determined by the Engineer in Charge shall be made and the material return to the contractors. Although the materials are hypothecated to AAI, the contractor undertakes the responsibility for their proper watch, safe custody and protection against all risks. The materials shall not be removed from site of work without the consent of the Engineer in Charge in writing.~~

		iii. ~~The contractor shall be responsible for rectifying defects noticed within a year from the date of completion of the work and the portion of the security deposit relating asphaltic work shall be refunded after the expiry of this period.~~

CLAUSE 36

	Employment of Technical Staff and employees	Contractors Superintendence, Supervision, Technical staff & Employees i. The contractor shall provide all necessary superintendence during execution of the work and all along thereafter as may be necessary for proper fulfilling of the obligations under the contract. The Contractor shall immediately after receiving letter of acceptance of the tender and before commencement of the work, intimate in writing to the Engineer-in-Charge, the name (s), qualifications experience, age, address (s) and other particulars along with certificates, of the principal technical representative to be charge of the work and other technical representative (s) who will be supervising the work. Minimum requirement of such technical representative (s) and their qualifications and experience shall not be lower than specified in schedule 'F'. The Engineer-in-Charge shall within 3 days of receipt of such communication intimate in writing his approval or otherwise of such a representative (s) to the contractor. Any such approval may at any time be withdrawn and in case of such withdrawal, the contractor shall appoint another such representative (s) according to the provisions of this clause. Decision of the tender accepting authority shall be final and binding on the contractor in this respect. Such a principal technical representative and other technical representative (s) shall be appointed by the contractor soon after receipt of the approval from Engineer-in-charge and shall be available at site before start of work. All the provisions applicable to the principal technical representative under the clause will also be applicable to other technical representative(s). The principal technical representative and other technical representative (s) shall be present at the site of work for supervision at all times when any construction activity is in progress and also present himself/themselves, as required to the Engineer-in-Charge and / or his designated representative to take instructions. Instructions given to the principal technical representative or other technical representative (s) shall be deemed to have the same force as if these have been given to the contractor. The Principal Technical Representative and other technical representatives shall be actually available at site fully during all stages of execution work, during recording / checking / test checking of measurements of works whenever so required by the Engineer-in-Charge and shall also note down instructions conveyed by the Engineer-in-Charge or his designated representative (s) in the site order book and shall affix his/their signature in token of noting down the instructions and in token of acceptance of measurements / checked measurements / test checked measurements. The representative (s) shall not look after any other work. Substitutes, duly approved by engineer – in-Charge of the work in similar manner as aforesaid shall be provided in event of absence of any of the representative (s) by more than two days. If the Engineer-in-Charge, whose decision in this respect is final and binding on the contractor, is convinced that no such technical representative (s) is/are effectively appointed or is/are effectively attending or fulfilling the provision of this clause, a recovery (non-refundable) shall be effected from the contractor as

		specified in Schedule 'F' and the decision of the Engineer-in- Charge as recorded in the site order book and measurement recorded checked/test checked in Measurement Books shall be final and binding on the contractor. Further if the contractor fails to appoint suitable technical Principal technical representative and / or other technical representative (s) and if such appointed persons are not effectively present or are absent by more than two days without duly approved substitute or do not discharge their responsibility satisfactorily, the Engineer-in-Charge shall have full powers to suspend the execution of the work until such date as suitable other technical representative (s) is / are appointed and the contractor shall be held responsible for the delay so caused to the work. The contractor shall submit a certificate of employment of the technical representative (s) (in the form of copy of Form-16 or CPF deduction issued to the Engineer employed by him) along with every running account bill / final bill and shall produce evidence if at any times so required by the Engineer-in-Charge. ii. The contractor shall provide and employ on the site only such technical assistants as are skilled, and experienced in their respective fields and such foremen and supervisory staff as are competent to give proper supervision to the work. The contractor shall provide and employ skilled, semi-skilled and unskilled labour as is necessary for proper and timely execution of the work. The Engineer-in-Charge shall be at liberty to object to and require the contractor to remove from the works any person who in his opinion misconducts himself, or is incompetent or negligent in the performance of his duties or whose employment is otherwise considered by the Engineer-in-Charge to be undesirable. Such person shall not be employed again at works site without the written permission of the Engineer-in-Charge and the persons so removed shall be replaced as soon as possible by competent substitutes. iii. The contractor shall not change his engineer/supervisory staff after approval of the Engineer-In-Charge. If Contractor wants to replace any of his staff due to unavoidable circumstances, he will seek permission of Engineer-In-Charge indicating reasons for such change, qualification and experience of the alternative employee suggested by him. The qualification and experience of the alternative staff shall not be inferior to the person employed earlier.

CLAUSE 37

	Levy/Taxes/ Royalty/ Land License fee payable by Contractor	1. Taxes: a. Rates to be quoted by the parties should be inclusive of all taxes, duties, CESS, fee, royalty charges etc. levied under any statute but exclusive of GST for all the items b. However, GST, as applicable, shall be paid to the contractor, for any taxable supply / services / construction rendered by the agency to AAI, against a valid GST invoice as per terms and conditions of the contract. c. In case supplies /services / works involve imports; the same should be identified separately. Basic Custom Duty & IGST will be paid directly by AAI by utilizing EPCG license / Duty Credit Scrip under Service Export from India Scheme (SEIS) of Govt. of India.

		2. Royalty: a. The contractor shall at his own expense, provide all materials required for the works other than those which are to be supplied by AAI. The contractor shall deposit royalty and obtain necessary permit for collection of stone, sand, red bajri, kankar etc. from the local authority in the matter and will abide by the notification issued by Central Govt. / State Government / Local State Authorities as applicable from time to time in this regard. The contractor is also bound to allow deduction from his bills any difference in statutory taxes/royalty and penalty proposed by Local State Authorities to AAI till finalization of settlement of all demands in this regard by Central / State Govt. b. This will also be applicable to forest produce. c. If pursuant to or under any law, notification or order any royalty, cess or the like becomes payable by the AAI and does not any time become payable by the contractor to the State Government. Local authorities in respect of any material used by the contractor in the works then in such a case, it shall be lawful to the AAI and it will have the right and be entitled to recover the amount paid in the circumstances as aforesaid from dues of the contractor. 3. License fee for land a. Land/space (Paved/ Unpaved/Covered-AC or Non-AC), to the extent allotted to contractors during execution of work for the purpose of installation of plants, labour camps, cement godown, site office, stacking of materials shall be provided at free of cost upto defect liability period/ maintenance period. b. A security deposit at the rate of Rs 500/- per sqm in the form of DD/BG shall be deposited by the contractor. In case contractor do not deposit security deposit same shall be deducted from Ist Running Account Bill. c. Such security deposit shall be released only after allotted land has been fully vacated by the contractor to entire satisfaction of Engineer-in Charge. If contractor fails to vacate the allotted land/ space (Paved/ Unpaved/ Covered-AC/ Non-AC) after Defect Liability Period/ Maintenance Period of the work shall be charged as per prevailing license fee of the airport plus 25% penalty over that.

CLAUSE 38

Conditions for reimbursement of levy/taxes if levied after receipt of tenders	1. Rates to be quoted by the parties should be inclusive of all taxes, duties, CESS, fee, royalty charges etc. levied under any statute applicable on last stipulated date of receipt of tender including extension if any but exclusive of GST. No adjustment i.e. increase or decrease shall be made for any variation in the rate of GSI Building and Other Construction Workers Welfare Cess or any tax, levy or Cess applicable on inputs. However, effect of variation, as per Govt. order after the last date of receipt of tender including extension if any, in rates of GST or Building and Other Construction Workers Welfare Cess or imposition or repeal of any other tax, levy or Cess applicable on output of the works contract shall be adjusted on either side, increase or decrease. Provided further that for Building and Other Construction Workers Welfare Cess or any tax (other than GST), levy or Cess varied or imposed after the last date of receipt of tender including extension if any, any increase shall be reimbursed to the contractor only if the contractor necessarily and properly pays such increased amount of taxes / levies / Cess. ~~Provided further that such increase in tax / levy / Cess including GST shall not be reimbursed if made in the extended period of contract for which the contractor~~



		~~alone is responsible for delay as determined by authority for extension of time under Clause 5 in Schedule F.~~ 2. The contractor shall keep necessary books of accounts and other documents for the purpose of this condition as may be necessary and shall allow inspection of the same by a duly authorised representative of AAI or the Engineer-in-Charge and further shall furnish such other information /document as the Engineer-in- Charge may require from time to time. 3. The contractor shall, within a period of 30 days of the imposition of any such further tax or levy or Cess, give a written notice thereof to the Engineer-in-charge that the same is given pursuant to the condition, together with all necessary information / documents relating thereto.

CLAUSE39

	Termination of contract on death of contractor	Without prejudice to any of the rights or remedies under this contract, if the contractor dies, the Engineer-in-charge on behalf of the AAI shall have the option of terminating the contract without compensation to the contractor.

CLAUSE40

	If relative working in AAI then the contractor not allowed to tender.	The contractor shall not be permitted to tender for works in AAI wherein his near relative is posted as an Officer responsible for award and execution of work. He shall also intimate the names of persons who are working with him in any capacity or / are subsequently employed by him and who are near relatives to any officer of AAI. Any breach of this condition by the Contractor would render him, the contract liable to be rejected at any stage. NOTE: By the term “near relatives” is meant wife, husband, parents and grandparents, children and grandchildren, brothers and sisters, uncles, aunts and cousins and their corresponding in-laws.

CLAUSE41

	No any officer in Department of Engineering to work as contractor within one year of retirement	Engineer or any officer employed in engineering or administrative duties in an engineering department of AAI shall not work as a contractor or employee of contractor for a period of one year after his retirement from AAI service without the prior permission of AAI in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission of AAI as aforesaid, before submission of the tender or engagement in the contractor's service, as the case may be.

CLAUSE 41(a)

Integrity Pact and Independent External Monitor.	Signing of Integrity Pact (As per Appendix XVIII) is mandatory for every bidder/contractor if provided so in Schedule F. All tenderers shall have to submit an undertaking as per Appendix XVIII along with tender documents. AAI shall appoint Independent External Monitor(s) to oversee effective implementation of Integrity Pact for such works/supplies. For this purpose, a panel of Independent External Monitors shall be constituted by the Authority in concurrence with Central Vigilance Commission (CVC). i. The Contractor/Supplier shall have to act in accordance with the conditions laid down in the integrity pact. - Signing of Integrity Pact is mandatory for every Bidder/ Contractor in this procurement/ bid process the signed original pact to be send to the office of Bid Manager and should reach before the due date mentioned in NIT. - The Bidder/contractor shall commit itself to ensure taking all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contract or post-contract stage as specified in section 3 of the integrity pact. - Any breach of the aforesaid provisions by the Bidder or any one employed by it or acting on its behalf (whether with or without the knowledge of the Bidder) shall entitle the authority to take all or any one of the action as specified in section 6 of the integrity pact. ii. In case any violation of above conduct is established, AAI reserves right to take following actions: - If contractor commits a violation of its commitments and obligations under the Integrity Pact Program during bidding process, he shall be liable for disqualification from tender process and forfeiture of his Earnest Money Deposit/ Bid Security. - In case of violation of the Integrity Pact after award of the contract, Authority is entitled to terminate the contract and shall be entitled to demand and recover from the contractor damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit or Performance Bank Guarantee, whichever is higher. - Authority may initiate appropriate proceedings against the contractor. - Contractor will be liable to pay damages as determined by the Authority. - Contractor against whom an action for violation of its commitments and obligations has been taken earlier again commits a violation, the Authority is entitled to debar such contractor for future tender/ contract processes for a period as deemed fit. - A violation is considered to have occurred if the Authority is fully satisfied with the available documents and evidence submitted along with Independent External Monitor's recommendations /suggestions that no reasonable doubt exist in the matter. iii. Person signing IP shall not approach the Courts while representing the matters to IEMs and he / she will await their decision in the matter.

CLAUSE 41 (b)

	CODE — OF INTEGRITY	No official of AAI or a bidder shall act in contravention of the codes which includes (i) Prohibition of (a) making offer, solicitation or acceptance of bribe, reward or gift or any material benefit, either directly or indirectly, in exchange for an unfair advantage in the procurement process or to otherwise influence the procurement process. (b) any omission, or misrepresentation that may mislead or attempt to mislead so that financial or other benefit may be obtained or an obligation avoided. (c) any collusion, bid rigging or anticompetitive behaviour that may impair the transparency, fairness and the progress of the procurement process. (d) improper use of information provided by the procuring entity to the bidder with an intent to gain unfair advantage in the procurement process or for personal gain. (e) any financial or business transactions between the bidder and any official of the procuring entity related to tender or execution process of contract; which can affect the decision of the procuring entity directly or indirectly. (f) any coercion or any threat to impair or harm, directly or indirectly, any party or its property to influence the procurement process. (g) obstruction of any investigation or auditing of a procurement process. (h) making false declaration or providing false information for participation in a tender process or to secure a contract; (ii) disclosure of conflict of interest. (iii) Disclosure by the bidder of any previous transgressions made in respect of the provisions of sub clause (i) with any entity in any country during the last three years or of being debarred by any other procuring entity.

CLAUSE 42

Return of material and recovery for excess material issued.	i. After completion of the work and also at any intermediate stage in the event of non-reconciliation of materials issued, consumed and in balance – (see Clause 10), Theoretical quantity of materials issued by the AAI for use in the work shall be calculated on the basis and method given hereunder; a. Quantity of cement & bitumen shall be calculated on the basis of quantity of cement & bitumen required for different items of work as shown in the Schedule of Rates mentioned in Schedule ‘F’. In case any item is executed for which standard co-efficient for the consumption of cement or bitumen are not available in the above mentioned schedule / statement or cannot be derived from the same shall be calculated on the basis of standard formula to be laid down by the Engineer-in-Charge. b. Theoretical quantity of steel reinforcement or structural steel sections shall be taken as the quantity required as per design or as authorised by Engineer-in- Charge, including authorized lappages, chairs etc. plus 3% wastage due to cutting into pieces, such theoretical quantity being determined and compared with the actual issues each diameter-wise, section wise and category wise separately. c. Theoretical quantity of G.I. & C.I. or other pipes, conduits, wires and cables pig lead and G.I. / M.S. sheets shall be taken as quantity actually required and measures plus 5% for wastage due to cutting into pieces (except in the case of G.I./M.S. sheets it shall be 10%), such determination & comparison being made diameter-wise & category-wise. d. For any other material as per actual requirements. ii. Over the theoretical quantities of materials so computed a variation shall be allowed as specified in Schedule ‘F’. The difference in the net quantities of material actually issued to the contractor and the theoretical quantities including such authorised variation, if not returned by the contractor or if not fully reconciled to the satisfaction of the Engineer-in-Charge within fifteen days of the issue of written notice by the Engineer-in-Charge to this effect shall be recovered at the rates specified in Schedule ‘F’, without prejudice to the provision of the relevant conditions regarding return of materials governing the contract. Decision of Engineer-in-Charge in regard to theoretical quantities of materials, which should have been actually used as per the Annexure of the standard schedule of rates and recovery at rates specified in Schedule ‘F’ shall be final and binding on the contractor. For non-scheduled items, the decision of the Engineer – in - charge regarding theoretical quantities of materials which should have been actually used, shall be final and binding on the contractor. g. The said action under this clause is without prejudice to the right of the AAI to take action against the contractor under any other conditions of contract for not doing the work according to the prescribed specifications. h. For materials brought by the contractor for use in item of work at site, similar theoretical consumption shall be prepared and submitted to the Engineer-in-Charge for verification. If it is found that material consumed in the work is less than the theoretical consumption after taking into account permissible minus variation, the recovery for corresponding material shall be effected as per rates specified in schedule ‘F’ under Clause 42.

CLAUSE 43

	Compensation during warlike situations / act of terrorism	The work (whether fully constructed or not) and all materials, machines, tools and plants scaffolding, temporary buildings and other things connected therewith shall be at the risk of the contractor until the work has been delivered to the Engineer-in-Charge and a certificate from him to that effect obtained. In the event of the work or any materials properly brought to the site for incorporation in the work being damaged or destroyed in consequence of hostilities or warlike operation or act of terrorism, the contractor shall when ordered (in writing) by the Engineer-in-Charge to remove any debris from the site, collect and properly stack or remove in store all serviceable materials salvaged from the damaged work and shall be paid at the contract rates in accordance with the provision of this agreement for the work of clearing the site of debris, stacking or removal of serviceable material and for reconstruction of all works ordered by the Engineer- in-Charge, such payments being in addition to compensation upto the value of the work original executed before being damaged or destroyed and not paid for. In case of works damaged or destroyed but not already measured and paid for, the compensation shall be assessed by the Engineer-in charge upto Rs.5,000/- and by the Executive Director Engg. concerned for a higher amount. The contractor shall be paid for the damages / destruction suffered and for restoring the material at the rate based on analysis of rates tendered for in accordance with the provision of the contract. The certificate of the Engineer-in- Charge regarding the quality and quantity of materials and the purpose for which they were collected shall be final and binding on all parties to this contract. Provided always that no compensation shall be payable for any loss in consequence of hostilities or warlike operation (a) unless the contractor had taken all such precautions against air raid as are deemed necessary by the A.R.P. Officers or the Engineer-in- Charge (b) for any material etc. not on the site of the work or for any tools plant, machinery, scaffolding, temporary building and other things not intended for the work. In the event of the contractor having to carry out reconstruction as aforesaid, he shall be allowed such extension of time for its completion as is considered reasonable by the Engineer – in - charge.

CLAUSE 44

	Apprentices Act provisions to be complied with	The contractor shall comply with the provisions of the Apprentices Act, 1961 and the rules and orders issued there under from time to time. If he fails to do so, his failure will be a breach of the contract and the Executive Director Engg. / General Manager (Engg.) may, in his discretion, cancel the contract. The contractor shall also be liable for any pecuniary liability arising on account of any violation by him of the provisions of the said Act.

CLAUSE 45

	Release of security deposit after labour clearance	The Security Deposit of the work shall be refunded if no labour complaint has been received from the labour officer till the due date of its payment. If a labour complaint is received during this period, the Engineer-in-Charge shall, after issue of notice in this regard to the contractor, withheld the amount required to settle the complaint from his security deposit and refund the balance amount.

CLAUSE 46

	Contractor's Liability and Insurance of Works	i. From commencement to completion of the Works, the Contractor shall take full responsibility for the case thereof and for taking precautions to prevent loss or damage and to minimize loss or damage to the greatest extent possible and shall be liable for any damage or loss that may happen to the Works or any part thereof and all AAI's T & P from any cause whatsoever (save and except the Excepted Risks) and shall at his own cost repair and make good the same so that at completion, the Works and all AAI's T & P shall be in good order and condition and in conformity in every respect with the requirements of the Contract and instructions of the Engineer-in-Charge. ii. In the event of any loss or damage to the Works or any Part thereof or to any T & P, to any material or articles at the Site from any of the Excepted Risks the following provisions shall have effect: a. The Contractor shall, as may be directed in writing by the Engineer-in-Charge, remove from the Site any debris and so much of the works as shall have been damaged, taking to AAI's store such AAI's T & P, articles and/or materials as may be directed; b. The contractor shall, as may be directed in writing by the Engineer-in-Charge, proceed with the erection and completion of the Works under and in accordance with the provisions and Conditions of the Contract; and iii. Provided always that the Contractor shall not be entitled to payment under the above provisions in respect of so much loss or damage as has been occasioned by any failure on his part to perform his obligation under the Contract or not taking precautions to prevent loss or damage or minimize the amount of such loss or damage. iv. Without limiting its obligations and responsibilities under other clauses of General Conditions of Contracts, the contractor at his own cost shall insure, in the joint name of AAI and the contractor, against all losses or damages from whatever cause, arising (other than the accepted risks) for which he is responsible under the terms of the contract and in such manner that the AAI and the contractor are covered during the period of construction of works and any loss or damage occasioned by the contractor in the course of any operation carried out by them for the purpose of complying with its obligations of defects liability clause hereof; a. All works including temporary works to their full value executed from time to time. b. The construction materials and equipments to their full value brought on to the site by the contractor. v. The Contractor shall indemnify and keep indemnified AAI against all losses and claims for injuries or damage to any persons or any property whatsoever which may arise out of or in consequence of the construction and maintenance of Works and against all claims, demands proceedings, damage costs, charges and expenses whatsoever in respect of or in relation thereto. vi. Before commencing execution of the work, the Contractor shall, without in any way limiting his obligations and responsibilities under this condition, insure at his own cost against any damage, loss or injury which may occur to any AAI property, or to any person for at least the minimum amount of Rs.1.00 lakh with unlimited number of occurrences (including any employee of AAI) by or arising out of carrying out of the Contract. vii. The contractor shall at all times indemnify AAI against all claims, damages or compensation under the provisions of Payment or Wages Act, 1936, Minimum Wages Act, 1948, Employer's Liability Act, 1938, the Workmen's Compensation Act, 1923, Industrial Disputes Act, 1947 and the Maternity Benefit Act, 1961 or any modifications thereof or any other law relating thereto and rules made there under from time to time or as a consequence of any accident or injury to any workman

		or other persons in or about the Works, whether in the employment of the Contractor or not, his agents or servants, and also against all costs, charges and expenses of any suit, action or proceedings arising out of such accident or injury and against all sum or sums which may with the consent of the Contractor be paid to compromise or compound any claim. Without limiting his obligations and liabilities as above provided, the Contractor shall insure against all claims, damages or compensation payable under the Workmen's Compensation Act, 1923 or any modification thereof or any other law relating thereto. viii. All insurance mentioned above shall be effected with any subsidiary of the General Insurance Company of India or by a company approved by the Insurance Regulatory Authority of India. ix. The aforesaid insurance policy / policies shall provide that they shall not be cancelled till the Engineer-in-Charge has agreed to their cancellation in writing. x. The Contractor shall prove to the Engineer-in-Charge from time to time that he has taken out all the insurance policies referred to above and has paid the necessary premiums for keeping the policies alive till expiry of the Defects Liability Period. A self-certified copy of such policies is required to be submitted to the Engineer-in-charge. xi. The Contractor shall ensure that similar insurance policies are taken out by his subcontractors (if any) and shall be responsible for any claims or losses to AAI resulting from their failure to obtain adequate insurance protection in connection thereof. The contractor shall produce or cause to be produced by his subcontractor (if any) as the case may be, the relevant policy or policies and premiums receipts as and when required by the Engineer-in-Charge. A self-certified copy of such policies is required to be submitted to the Engineer-in-charge. xii. If the Contractor and/or his subcontractor (if any) shall fail to effect and keep in force the insurance referred to above or any other insurance which he/they may be required to effect under the terms of the Contract then and in any such case AAI may, without being bound to, effect and keep in force any such insurance and pay such premium or premiums as may be necessary for that purpose and from time to time deduct the amount equivalent to 150% of the premium or premiums as may be so paid by AAI from any moneys due or which may become due to the Contractor or recover the same as a debt due from the Contractor. Engineer-in-charge shall ensure that all applicable insurances shall be in force without any break as per contract requirement to avoid any losses to AAI on account of non-availability of insurance policies and/or break in insurances policies xiii. In case contractor takes Contractor All Risk (CAR) Policy in joint name of AAI and Contractor for full tendered value along with third party liability (max of 10% of tendered value or as applicable as per Insurance Regulatory Authority of India) then there is no requirement for taking separate insurance by sub-contractors. However, workmen compensation policy is required to be taken separately by main contractor and sub-contractor for workers employed by them.

CLAUSE 47

	Composite Contract and responsibilities of main agency	~~i. The tenders have been called for composite work consisting of civil construction and other associated specialized works. The pre qualification criteria shall be applicable for each subhead of work independently. The agency meeting PQ criteria for the main work shall be considered for execution of composite work. However, the agency shall be allowed to~~

		~~execute only those specialized subheads of works for which bidder meet PQ criteria individually.~~ ~~ii. The main contractor shall be permitted to execute only those works (covered under one or more subhead) for which he meets all requirements of pre-qualification including financial, technical and technological requirement specified in the PQ criteria.~~ ~~iii. Main contractor will associate expert agencies for the execution of specialized works under various subheads for which he himself has failed to meet PQ criteria. In such case he will appoint his associate for the execution of each specialized work with the approval of the NIT approving authority. The main contractor shall intimate the names of only those agencies who fully meet the PQ criteria for each specialized work for the acceptance of the department.~~ ~~iv. Main contractor shall not be permitted to change their associate agencies in the course of execution of work. If change of agency is inevitable then a request shall be submitted to the Engineer in charge in writing giving full justification for change of agency. The proposal should include name of the alternate agency along with his financial, technical capabilities and work experience in the appropriate field. Such change shall be allowed only after receiving approval from the competent authority.~~
	Composite contract-Tripartite agreement	This clause is applicable for the works for which the estimated cost put to tender is more than Rs.500.00 crores. i. The main contractor shall finalise his rates, terms and conditions and mode of execution of work with specialised agencies for all works covered in various subhead of works on receipt of work order but specifications, preferred makes of materials and performance of system shall remain as specified in tender document. ii. The main contractor shall arrange an agreement between department, main contractor and associated agencies for all subheads on receipt of work order from the Engineer-in-charge. Main contractor and expert agency shall be jointly responsible for quality of work and performance of the system. iii. Main contractor shall submit list of associated agency for each specialized work within 1/12th of stipulated completion period or within one month from issue of work order whichever is later along with documentary evidence for financial soundness, technical capabilities and their experience for executing similar specialized works along with his application seeking acceptance for the name of associated agency. Approval / rejection for the name of associated agency shall be accorded thereafter by NIT approving authority within a period of 15 days each subhead wise. iv. The main contractor shall submit duly signed tripartite agreement on the format provided by AAI within 2/12th of stipulated completion period or 60 days whichever is later for acceptance and signature of department. The extension of time for signing of this agreement shall not be generally permitted. The signing time shall only be extended if handing over of site is delayed due to reasons beyond control of the contractor.
	Conditions of composite contract	~~i. Main contractor shall be responsible for submission of earnest money.~~ ~~ii. The mobilization advance shall be paid to main contractor as per terms and conditions of contract and indicated under Clause 10 B. The first installment of mobilization advance shall be corresponding to the value of work which shall be executed by the main contractor. The subsequent mobilization advances corresponding to value of work covered in each subhead shall be released on signing of each Tripartite Agreement with expert agency for the same.~~ ~~iii. The security deposit shall be deducted from the running bills of main~~

		Contractor after adjustment of full earnest money. iv. Main contractor shall be responsible for completion of work as per time schedule indicated in the NIT. The compensation for the delay shall be levied on the main contractor only. v. The coordination meetings called by AAI or its representative shall be attended by associated expert agencies as and when required. Expert agency shall be responsible for technical soundness, quality of work and adherence to tender specifications. The main contractor as well as associated agency shall be responsible for rectification of deficiencies noticed in specialized work.
	Payment Conditions for Composite Contract	i. It will be the responsibility of main contractor to finalize expert agencies for the execution of works covered under all subheads of NIT and get the tripartite agreements signed as per NIT requirement at an early date. The main contractor shall not be paid for value of work covered under second running bill & subsequent bills till all Tripartite Agreements are signed by all agencies concerned. ii. The main contractor must fill the ratio of work which shall govern the ratio of direct payment to the expert agency and to the main contractor for each subhead of work in schedule F. This ratio may also be indicated in tripartite agreement. Thus, direct payment to each expert agency shall be released in the same ratio from the net payment (after all deductions). iii. The running bill for specialized work shall be processed as per terms and conditions of the contract. All deductions like security deposit, income tax and part rate for incomplete work or due to any other reason shall be made as per contract conditions from each running bill. In case the ratio as desired under (ii) is not filled by the main contractor AAI will make payment of 75% of the net payable amount to the expert agency directly and balance 25% shall be paid to the main contractor.

Clause 48

	Escrow Account	i. All payments for the works estimated cost more than Rs.500 Cr shall be made only through Escrow Account opened by the contractor. However for works costing less than Rs.500 Cr., it shall be at the discretion of Technical Sanctioning authority to opt for Escrow account or not. The bank charges for Escrow Account shall be borne by contractor. The detailed conditions of Escrow Account shall be drawn in consultation with associated bank. ii. Mobilization advance for mobilization of resources and purchase of plant & machinery shall be credited directly to the escrow account opened for this contract through bank transfer as per terms and condition of contract. The agency shall be able to utilize 25% (or as decided by TS authority) of each installment of mobilization advance to meet minor expenses like construction of site office, purchase of office equipment and other minor works, while release of balance 75% fund shall be regulated by the department. The contractor shall seek prior concurrence of Engineer-in Charge for release of payment to the supplier etc. through Escrow Account by the Bank. Funds against cheque issued by contractor shall be released by Bank on receipt of written consent from Engineer-in-Charge. iii. Payment received and credited against each RA Bill, can be utilized 25% directly by the contractor for minor expenses like salary, stationary, office expenses etc. AAI shall exercise control for release of payment by contractor for balance 75%. iv. The Contractor shall submit his proposal to the Engineer-in-Charge/Authority for utilization of funds made available by AAI (75% against each RA bill)

DELETED

		a. Name of agency for whom payment is proposed to be released. b. Details of work executed/material supplied by agency to whom he intends to release payment. c. Nature of advance payment if any, has to be released to the supplier for supply of material for the project only. d. Documentary evidence in support of his claim. v. Engineer –in-charge will examine and approve full part of such payments as per agency's request within maximum of three working days. The terms and condition of Escrow Account shall be finalized with bank according to terms and conditions of contract. Bank shall release payment against such cheques only after written consent of authorised officer of AAI is received. vi. Contractor shall be permitted to close Escrow Account on receipt of final payment for the work/project or on receipt of letter for foreclosure of work by the AAI. All balances and liabilities against this Escrow Account shall be left at the disposal of the contractor.

Note: In case of difference or ambiguity in Hindi and English version anywhere, the English version will prevail.

AIRPORTS AUTHORITY OF INDIA

SAFETY CODE

1. Suitable Scaffolds should be provided for workmen for all works that cannot safely be done from the ground, or from solid construction except such short period work as can be done safely from ladders. When a ladder is used, an extra mazdoor shall be engaged for holding the ladder and if the ladder is used for carrying materials as well suitable footholds and hand-hold shall be provided on the ladder and the ladder shall be given an inclination not steeper than $\frac{1}{4}$ to 1 ($\frac{1}{4}$ horizontal and 1 vertical).
2. Scaffolding of staging more than 3.6m (12ft.) above the ground or floor, swung or suspended from an overhead support or erected with stationary support shall have a guard rail properly attached or bolted, braced and otherwise secured at least 90 cm. (3ft.) high above the floor or platform of such scaffolding on staging and extending along the entire length of the outside and ends thereof with only such opening as may be necessary for the delivery of materials. Such scaffolding or staging shall be so fastened as to prevent it from swaying from the building or structure.
3. Working platforms, gangways and stairways should be so constructed that they should not sag unduly or unequally, and if the height of the platform or the gangway or the stairway is more than 3.6 m (12ft.) above ground level or floor level, they should be closely boarded, should have adequate width and should be suitably fastened as described in (2) above.
4. Every opening in the floor of a building or in a working platform shall be provided with suitable means to prevent the fall of person or materials by providing suitable fencing or railing whose minimum height shall be 90cm.(3ft.)
5. Safe means of access shall be provided to all working platforms and other working places. Every ladder shall be securely fixed. No portable single ladder shall be over 9m. (30ft.) in length while the width between side rails in rung ladder shall in no case be less than 29 cm. (11 $\frac{1}{2}$ ") for ladder upto and including 3m. (10ft.) in length. For long ladders, this width should be increased at least $\frac{1}{4}$ " for each additional 30cm. (1 foot) of length. Uniform step spacing of not more than 30cm shall be kept. Adequate precautions shall be taken to prevent danger from electrical equipment. No materials on any of the site or work shall be so stacked or placed as to cause danger or inconvenience to any person or the public. The contractor shall provide all necessary fencing and lights to protect the public from accident and shall be bound to bear the expenses of defence of every suit, action or other proceedings at law that may be brought by any person for injury sustained owing to neglect of the above precautions and to pay any damages and cost which may be awarded in any such suit, action or proceedings to any such person on which may, with the consent of the contractor, be paid to compensate any claim by any such person.
6. a. **Excavation and Trenching** – All trenches 1.2 m. (4ft.) or more in depth, shall at all times be supplied with at least one ladder for each 30m. (100ft.) in length or fraction thereof, Ladder shall extend from bottom of the Trench to at least 90cm (3fts) above the surface of the ground. The side of the trenches which are 1.5 m. (5 ft.) or more in depth shall be stepped back to give suitable slope or securely held by timber bracing, so as to avoid the danger of sides collapsing. The excavated material shall not be placed within 1.5 m. (5 ft.) of the edges of the trench or half of the depth of the trench whichever is more. Cutting shall be done from top to bottom. Under no circumstances, undermining or undercutting shall be done.

b. Safety Measures for digging bore holes: -

- i. If the bore well is successful, it should be safely capped to avoid caving and collapse of the bore well. The failed and the abandoned ones should be completely refilled to avoid caving and collapse;
 - ii. During drilling, Sign boards should be erected near the site with the address of the drilling contractor and the Engineer-in-charge of the work;
 - iii. Suitable fencing should be erected around the well during the drilling and after the installation of the rig on the point of drilling, flags shall be put 50 Mtr all around the point of drilling to avoid entry of people/animals;
 - iv. After drilling the bore well, a cement platform (0.50 Mtr x 0.50 Mtr x 1.20 Mtr) 0.60 Mtr above ground level and 0.60 Mtr below ground level should be constructed around the well casing;
 - v. After the completion of the bore well, the contractor should cap the bore well properly by welding steel plate, cover the bore well with the drilled wet soil and fix thorny shrubs over the soil. This should be done even while repairing the pump;
 - vi. After the bore well is drilled the entire site should be brought to the ground level;

7. Demolition – Before any demolition work is commenced and also during the progress of the work,
 - i) All roads and open areas adjacent to the work site shall either be closed or suitably protected.
 - ii) No electric cable or apparatus which is liable to be a source of danger or a cable or apparatus used by the operator shall remain electrically charged.
 - iii) All practical steps shall be taken to prevent danger to persons employed from risk of fire or explosion or flooding. No floor, roof or other part of the building shall be so overloaded with debris or materials as to render it unsafe.

8. All necessary personal safety equipment as considered adequate by the Engineer-in-Charge should be kept available for the use of the person employed on the site and maintained in a condition suitable for immediate use, and the contractor should take adequate steps to ensure proper use of equipment by those concerned. The following safety equipment shall invariably be provided.
 - i) Workers employed on mixing asphaltic materials, cement and lime mortars shall be provided with protective footwear and protective goggles.
 - ii) Those engaged in white washing and mixing or stacking of cement bags or any material which is injurious to the eyes shall be provided with protective goggles.
 - iii) Those engaged in welding works shall be provided with welder's protective eye-shields.
 - iv) Stone breaker shall be provided with protective goggles and protective clothing and seated at sufficiently safe intervals.
 - v) When workers are employed in sewers and manholes, which are in active use, the contractors shall ensure that the manhole covers are opened and ventilated at least for an hour before the workers are allowed to get into the manholes, and the manholes so opened shall be cordoned off with suitable railing and provided with warning signals or boards to prevent accident to the public. In addition, the contractor shall ensure that the following safety measures are adhered to: -
 - a) Entry for workers into the line shall not be allowed except under supervision of the Sr. Superintendent (Engg.) or any other higher officer.
 - b) At least 5 to 6 manholes upstream and downstream should be kept open for at least 2 to 3 hours before any man is allowed to enter into the manhole for working inside.
 - c) Before entry, presence of toxic gases should be tested by inserting wet lead acetate paper which changes colour in the presence of such gases and gives indication of their presence.

- d) Presence of Oxygen should be verified by lowering a detector lamp into the manhole. In case, no Oxygen is found inside the sewer line, workers should be sent only with oxygen kit.
 - e) Safety belt with rope should be provided to the workers. While working inside the manholes, such rope should be handled by two men standing outside to enable him to be pulled out during emergency.
 - f) The area should be barricaded or condoned off by suitable means to avoid mishaps of any kind. Proper warning signs should be displayed for the safety of the public whenever cleaning works are undertaken during night or day.
 - g) No smoking or open flames shall be allowed near the blocked manhole being cleaned.
 - h) The malba obtained on account of cleaning of blocked manholes and sewer lines should be immediately removed to avoid accidents on account of slippery nature of the malba.
 - i) Workers should not be allowed to work inside the manhole continuously. He should be given rest intermittently. The Engineer-in-Charge may decide the time upto which a worker may be allowed to work continuously inside the manhole.
 - j) Gas masks with Oxygen Cylinder should be kept at site for use in emergency.
 - k) Air-blowers should be used for flow of fresh air through the manholes. Whenever called for, portable air blowers are recommended for ventilating the manholes. The Motors for these shall be vapour proof and of totally enclosed type. Non sparking gas engines also could be used but they should be placed at least 2 meters away from the opening and on the leeward side protected from wind so that they will not be a source of friction on any inflammable gas that might be present.
 - l) The workers engaged for cleaning the manholes / sewers should be properly trained before allowing to work in the manhole.
 - m) The workers shall be provided with Gumboots or non-sparking shoes bump helmets and gloves non-sparking tools safety lights and gas masks and portable air blowers (when necessary). They must be supplied with barrier cream for anointing the limbs before working inside the sewer lines.
 - n) Workmen descending a manhole shall try each ladder stop or rung carefully before putting his full weight on it to guard against insecure fastening due to corrosion of the rung fixed to manhole well.
 - o) If a man has received a physical injury, he should be brought out of the sewer immediately and adequate medical aid should be provided to him.
 - p) The extent to which these precautions are to be taken depend on individual situation but the decision of the Engineer-in-Charge regarding the steps to be taken in this regard in an individual case will be final.
 - (vi) The Contractor shall not employ men and women below the age of 18 years on the work of painting with products containing lead in any form. Wherever men above the age of 18 are employed on the work of lead painting, the following precaution should be taken: -
 - a) No paint containing lead or lead products shall be used except in the form of paste or readymade paint.
 - b) Suitable face masks should be supplied for use by the workers when paint is applied in the form of spray or a surface having lead paint is dry rubbed and scrapped.
 - c) Overall shall be supplied by the contractors to the workmen and adequate facilities shall be provided to enable the working painters to wash during and on the cessation of work.
9. An additional clause (viii) (i) of AAI Safety Code (iv) the Contractor shall not employ women and men below the age of 18 on the work of painting with product containing lead in any form, wherever men above the age of 18 are employed on the work of lead painting, the following principles must be observed for such use:
- i) White lead, sulphate of lead or product containing these pigment, shall not be used in painting operation except in the form of pastes or paint ready for use.
 - ii) Measures shall be taken, wherever required in order to prevent danger arising from the application of a paint in the form of spray.

- iii) Measures shall be taken, wherever practicable, to prevent danger arising out of from dust caused by dry rubbing down and scraping.
 - iv) Adequate facilities shall be provided to enable working painters to wash during and on cessation of work.
 - v) Overall shall be worn by working painters during the whole of working period.
 - vi) Suitable arrangement shall be made to prevent clothing put off during working hours being spoiled by painting materials.
 - vii) Cases of lead poisoning and suspected lead poisoning shall be notified and shall be subsequently verified by medical man appointed by competent authority of AAI.
 - viii) AAI may require, when necessary medical examination of workers.
 - ix) Instructions with regard to special hygienic precautions to be taken in the painting trade shall be distributed to working painters.
10. When the work is done near any place where there is risk of drowning, all necessary equipments should be provided and kept ready for use and all necessary steps taken for prompt rescue of any person in danger and adequate provision, should be made for prompt first aid treatment of all injuries likely to be obtained during the course of the work.
11. Use of hoisting machines and tackle including their attachments, anchorage and supports shall conform to the following standards or conditions:
- i) (a) These shall be of good mechanical construction, sound materials and adequate strength and free from patent defects and shall be kept repaired and in good working order.
 - (b) Every rope used in hoisting or lowering materials or as a means of suspension shall be of durable quality and adequate strength, and free from patent defects.
 - ii) Every crane driver or hoisting appliance operator shall be properly qualified and no person under the age of 21 years should be in charge of any hoisting machine including any scaffolding winch or give signals to operator.
 - iii) In case of every hoisting machine and of every chain ring hook, shackle swivel and pulley block used in hoisting or as means of suspension, the safe working load shall be ascertained by adequate means. Every hoisting machine and all gear referred to above shall be plainly marked with the safe working load. In case of a hoisting machine having a variable safe working load each safe working load and the condition under which it is applicable shall be clearly indicated. No part of any machine or any gear referred to above in this paragraph shall be loaded beyond the safe working load except for the purpose of testing.
 - iv) In case of departmental machines, the safe working load shall be notified by the Electrical Engineer-in-Charge. As regards contractor's machines the contractors shall notify the safe working load of the machine to the Engineer-in-Charge whenever he brings any machinery to site of work and get it verified by the electrical Engineer concerned.
12. Motors, gearing, transmission, electric wiring and other dangerous parts of hoisting appliances should be provided with efficient safeguards. Hoisting appliances should be provided with such means as will reduce to the minimum the risk of accidental descent of the load. Adequate precautions should be taken to reduce to the minimum the risk of any part of a suspended load becoming accidentally displaced. When workers are employed on electrical installations which are already energized, insulating mats, wearing apparel, such as gloves, sleeves and boots as may be necessary should be provided. The worker should not wear any rings, watches and carry keys or other materials which are good conductors of electricity.
13. All scaffolds, ladders and other safety devices mentioned or described herein shall be maintained in safe condition and no scaffold, ladder or equipment shall be altered or removed while it is in use. Adequate washing facilities should be provided at or near places of work.

14. These safety provisions should be brought to the notice of all concerned by display on a notice board at a prominent place at work spot. The person responsible for compliance of the safety code shall be named therein by the contractor.
15. To ensure effective enforcement of the rules and regulations relating to safety precautions the arrangements made by the contractor shall be open to inspection by the Labour Officer or Engineer-in- Charge of the department or their representatives.
16. Notwithstanding the above clauses from (1) to (15), there is nothing in these to exempt the contractor from the operations of any other Act or Rules in force in the Republic of India.

MODEL RULES FOR THE PROTECTION OF HEALTH AND SANITARY ARRANGEMENTS FOR WORKERS EMPLOYED BY AAI OR ITS CONTRACTORS

1. APPLICATION

These rules shall apply to all buildings and construction works in charge of AAI in which twenty or more workers are ordinarily employed or are proposed to be employed in any day during the period during which the contract work is in progress.

2. DEFINITION

Work place means a place where twenty or more workers are ordinarily employed in connection with construction work on any day during the period during which the contract work is in progress.

3. FIRST-AID FACILITIES

- (i) At every work place, there shall be provided and maintained, so as to be easily accessible during working hours, first-aid boxes at the rate of not less than one box for 150 contract labour or part thereof ordinarily employed.
- (ii) The first-aid box shall be distinctly marked with a red cross on white back ground and shall contain the following equipment.
 - (a) For work places in which the number of contract labour employed does not exceed 50
Each first –aid box shall contain the following equipments:
 1. 6 small sterilized dressings
 2. 3 medium size sterilized dressings
 3. 3 large size sterilized dressings
 4. 3 large sterilized burn dressings
 5. 1 (30 ml) bottle containing a two per cent alcoholic solution of iodine.
 6. 1 (30 ml) bottle containing salvolatile having the dose and mode of administration indicated on the label.
 7. 1 snakebite lancet.
 8. 1 (30 gms) bottle of potassium permanganate crystals.
 9. 1 pair scissors.
 10. 1 copy of the first-aid leaflet issued by the Director General, Factory Advice Service and Labour Institute, Government of India.
 11. 1 bottle containing 100 tablets (each of 5 gms) of aspirin.
 12. Ointment for burns.
 13. A bottle of suitable surgical antiseptic solution.
 - (b) For work places in which the number of contract labour exceed 50. Each first-aid box shall contain the following equipments.
 1. 12 small sterilized dressings.
 2. 6 medium size sterilized dressings.
 3. 6 large size sterilized dressings
 4. 6 large size sterilized burn dressings.
 5. 6 (15 gms) packets sterilized cotton wool.
 6. 1 (60 ml). Bottle containing two per cent alcoholic solution iodine.
 7. 1 (60 ml) bottle containing salvolatile having the dose and mode of administration indicated on the label.
 8. 1 roll of adhesive plaster.
 9. 1 snake bite lancet.
 10. 1 (30 gms) bottle of potassium permanganate crystals.
 11. 1 pair scissors.
 12. 1 copy of the first-aid leaflet issued by the Director General Factory Advice Service and Labour Institute / Government of India.
 13. A bottle containing 100 tablets (each of 5 gms) of aspirin.

14. Ointment for burns.
15. A bottle of suitable surgical antiseptic solution.

- (iii) Adequate arrangements shall be made for immediate recoupment of the equipment when necessary.
- (iv) Nothing except the prescribed contents shall be kept in the First-aid box.
- (v) The first-aid box shall be kept in charge of a responsible person who shall always be readily available during the working hours of the workplace.
- (vi) a person in charge of the First-aid box shall be a person trained in First-aid treatment in the work places where the number of contract labour employed is 150 or more.
- (vii) In work places where the number of contract labour employed is 500 or more and hospital facilities are not available within easy distance from the works. First-aid posts shall be established and run by a trained compounder. The compounder shall be on duty and shall be available at all hours when the workers are at work.
- (viii) Where work places are situated in places which are not towns or cities, a suitable motor transport shall be kept readily available to carry injured person or person suddenly taken ill to the nearest hospital.

4. DRINKINGWATER

- i) In every work place, there shall be provided and maintained at suitable places, easily accessible to labour, a sufficient supply of cold water fit for drinking.
- ii) Where drinking water is obtained from an intermittent public water supply, each work place shall be provided with storage where such drinking water shall be stored.
- iii) Every water supply or storage shall be at a distance of not less than 50 feet from any latrine drain or other source of pollution. Where water has to be drawn from an existing well which is within such proximity of latrine, drain or any other source of pollution, the well shall be properly chlorinated before water is drawn from it for drinking. All such wells shall be entirely closed in and be provided with a trap door which shall be dust and water proof.
- iv) A reliable pump shall be fitted to each covered well, the trap door shall be kept locked and opened only for cleaning or inspection which shall be done at least once a month.

5. WASHING FACILITIES

- i) In every work place adequate and suitable facilities for washing shall be provided and maintained for the use of contract labour employed therein.
- ii) Separate and adequate cleaning facilities shall be provided for the use of male and female workers.
- iii) Such facilities shall be conveniently accessible and shall be kept in clean and hygienic condition.

6. LATRINES AND URINALS

- i) Latrines shall be provided in every work place on the following scale namely:
 - a) Where female are employed, there shall be at least one latrine for every 25females. b) Where males are employed, there shall be at least one latrine for every 25males.
- ii) Provided that, where the number of males or females exceeds 100, it shall be sufficient if there is one latrine for 25 males or females as the case may be upto the first 100, and one for every 50 thereafter.
- iii) Every latrine shall be under cover and so partitioned off as to secure privacy, and shall have a proper door and fastenings.
- iv) Construction of latrines: The inside walls shall be constructed of masonry or some suitable heat-resisting non absorbent materials and shall be cement washed inside and outside at least once a year, Latrines shall not be of a standard lower than borehole system.

- v) (a) Where workers of both sexes are employed, there shall be displayed outside each block of latrine and urinal, a notice in the language understood by the majority of the workers "For Men only" or "For Women Only" as the case may be.
(b) The notice shall also bear the figure of a man or of a woman, as the case may be.
- vi) There shall be at least one urinal for male workers upto 50 and one for female workers upto fifty employed at a time, provided that where the number of male or female workmen, as the case may be exceeds 500, it shall be sufficient if there is one urinal for every 50 males or females upto the first 500 and one for every 100 or part thereafter.
- vii) (a) The latrines and urinals shall be adequately lighted and shall be maintained in a clean and sanitary condition at all times.
(b) Latrines and urinals other than those connected with a flush sewage system shall comply with the requirements of the Public Health Authorities.
- viii) Water shall be provided by means of tap or otherwise so as to be conveniently accessible in or near the latrines and urinals.
- ix) Disposal of excreta: Unless otherwise arranged for by the local sanitary authority, arrangements for proper disposal of excreta by incineration at the work place shall be made by means of a suitable incinerator. Alternately excreta may be disposed of by putting a layer of night soil at the bottom of a pucca tank prepared for the purpose and covering it with a 15 cm. Layer of waste or refuse and then covering it with a layer of earth for a fortnight (when it will turn to manure).
- x) The contractor shall at his own expense, carry out all instructions issued to him by the Engineer-in-Charge to effect proper disposal of night soil and other conservancy work in respect of the contractor's workmen or employees on the site. The contractor shall be responsible for payment of any charges which may be levied by Municipal or Cantonment Authority for execution of such on his behalf.

7. PROVISION OF SHELTER DURING REST

At every place there shall be provided, free of cost, four suitable sheds, two for meals and the other two for rest separately for the use of men and women labour. The height of each shelter shall not be less than 3 meters (10 ft.) from the floor level to the lowest part of the roof. These shall be kept clean and the space provided shall be on the basis of 0.6 sq.m. (6 sft) per head. Provided that the Engineer-in-Charge may permit subject to his satisfaction, a portion of the building under construction or other alternative accommodation to be used for the purpose.

8. CRECHES

- i) At every work place, at which 20 or more women workers are ordinarily employed, there shall be provided two rooms of reasonable dimensions for the use of their children under the age of six years. One room shall be used as a play room for the children and the other as their bedroom. The rooms shall be constructed with specifications as per clause 19 H (ii) a, b & c.
- ii) The rooms shall be provided with suitable and sufficient openings for light and ventilation. There shall be adequate provision of sweepers to keep the places clean.
- iii) The contractor shall supply adequate number of toys and games in the play room and sufficient number of cots and beddings in the bedroom.
- iv) The contractor shall provide one ayah to look after the children in the crèche when the number of women workers does not exceed 50 and two when the number of women workers exceed 50.
- v) The use of the rooms earmarked as crèches shall be restricted to children, their attendants and mothers of the children.

9.CANTEENS

- i) In every work place where the work regarding the employment of contractor labour is likely to continue for six months and where in contract labour numbering one hundred or more are ordinarily employed, an adequate canteen shall be provided by the contractor for the use of such contract labour.
- ii) The canteen shall be maintained by the contractor in an efficient manner.
- iii) The canteen shall consist of at least a dining hall, kitchen, storeroom, pantry and washing places separately for workers and utensils.
- iv) The canteen shall be sufficiently lighted at all times when any person has access to it.
- v) The floor shall be made of smooth and impervious materials and inside walls shall be lime washed or colour washed at least once in each year. Provided that the inside walls of the kitchen shall be lime washed every four months.
- vi) The premises of the canteen shall be maintained in a clean and sanitary condition.
- vii) Waste water shall be carried away in suitable covered drains and shall not be allowed to accumulate so as to cause a nuisance.
- viii) Suitable arrangements shall be made for the collection and disposal of garbage.
- ix) The dining hall shall accommodate at a time 30 per cent of the contract labour working at a time.
- x) The floor area of the dining hall, excluding the area occupied by the service counter and any furniture except tables and chairs shall not be less than one square metre (10 sq ft) per diner to be accommodated as prescribed in sub-Rule (ix).
- xi) (a) A portion of the dining hall and service counter shall be partitioned off and reserved for women workers in proportion to their number. (b) Washing places for women shall be separate and screened to secure privacy.
- xii) Sufficient tables stools, chairs or benches shall be available for the number of diners to be accommodated as prescribed in sub-Rule (ix).
- xiii) (a) 1. There shall be provided and maintained sufficient utensils crockery, furniture and any other equipment necessary for the efficient running of the canteen.
2. The furniture utensils and other equipment shall be maintained in a clean and hygienic condition.
(b) 1. Suitable clean clothes for the employees serving in the canteen shall be provided and maintained.
2. A service counter, if provided, shall have top of smooth and impervious material.
3. Suitable facilities including an adequate supply of hot water shall be provided for the cleaning of utensils and equipments.
- xiv) The food stuffs and other items to be served in the canteen shall be in conformity with the normal habits of the contract labour.
- xv) The charges for food stuffs, beverages and any other items served in the canteen shall be based on 'No Profit, No loss' and shall be conspicuously displayed in the canteen.
- xvi) In arriving at the price of foodstuffs, and other article served in the canteen, the following items shall not be taken into consideration as expenditure namely:-
 - a) The rent of land and building.
 - b) The depreciation and maintenance charges for the building and equipments provided for the canteen.
 - c) The cost of purchase, repairs and replacement of equipments including furniture, crockery, cutlery and utensils.
 - d) The water charges and other charges incurred for lighting and ventilation.
 - e) The interest and amounts spent on the provision and maintenance of equipments provided for the canteen.
- xvii) The accounts pertaining to the canteen shall be audited once every 12 months by registered accountants and auditors.

10. ANTI-MALARIAL PRECAUTIONS

The contractor shall at his own expense, conform to all anti-malarial instructions given to him by the Engineer-in-Charge including the filling up of any borrow pits which may have been dug by him.

- 11.** The above rules shall be incorporated in the contracts and in notices inviting tenders and shall form an integral part of the contracts.

12. AMENDMENTS

AAI may, from time to time, add to or amend these rules and issue directions - it may consider necessary for the purpose of removing any difficulty which may arise in the administration thereof.

AIRPORTS AUTHORITY OF INDIA

Contractor's Labour Regulations

1. SHORTTITLE

These regulations may be called the AAI Contractors Labour Regulations.

2. DEFINITIONS

(i) **Workman** means any person employed by AAI or its contractor directly or indirectly through a subcontractor with or without the knowledge of the AAI to do any skilled, semiskilled or unskilled manual, supervisory, technical or clerical work for hire or reward, whether the terms of employment are expressed or implied but does not include any person:-

- a) Who is employed mainly in a managerial or administrative capacity; or
- b) Who, being employed in a supervisory capacity draws wages exceeding five hundred rupees per mensem or exercises either by the nature of the duties attached to the office or by reason of powers vested in him, functions mainly of managerial nature :or
- c) Who is an out worker, that is to say, person to whom any article or materials are given out by or on behalf of the principal employers to be made up cleaned, washed, altered, ornamental finished, repaired adopted or otherwise processed for sale for the purpose of the trade or business of the principal employers and the process is to be carried out either in the home of the out worker or in some other premises, not being premises under the control and management of the principal employer. No person below the age of 14 years shall be employed to act as a workman.

(ii) **Fair Wages** means wages whether for time or piece work fixed and notified under the provisions of the Minimum Wages Act from time to time.

(iii) **Contractors** shall include every person who undertakes to produce a given result other than a mere supply of goods or articles of manufacture through contract labour or who supplies contract labour for any work and includes a subcontractor.

(iv) **Wages** shall have the same meaning as defined in the Payment of Wages Act.

3. i) Normally working hours of an adult employee should not exceed 9 hours a day. The working day shall be so arranged that inclusive of interval for rest, if any, it shall not spread over more than 12 hours on any day.
- ii) When an adult worker is made to work for more than 9 hours on any day or for more than 48 hours in any week, he shall be paid over time for the extra hours put in by him at double the ordinary rate of wages.
- iii) a) Every worker shall be given a weekly holiday normally on a Sunday, in accordance with the provisions of the Minimum Wages (Central) Rules 1960 as amended from time to time irrespective of whether such worker is governed by the Minimum Wages Act or not.
- b) Where the minimum wages prescribed by the Central/State Government under the Minimum Wages Act are not inclusive of the wages for the weekly day of rest, the worker shall be entitled to rest day wages at the rate applicable to the next preceding day, provided he has worked under the same contractor for a continuous period of not less than 6days.
- c) Where a contractor is permitted by the Engineer-in-Charge to allow a worker to work on a normal weekly holiday, he shall grant a substituted holiday to him for the whole day on one of the five days immediately before or after the normal weekly holiday and pay wages to such worker for the work performed on the normal weekly holiday at overtime rate.

4. DISPLAY OF NOTICE REGARDING WAGES ETC.

The contractor shall before he commences his work on contract, display and correctly maintain and continue to display and correctly maintain in a clear and legible condition in conspicuous places on the work, notices in English and in the local Indian languages spoken by the majority of the workers giving the minimum rates of wages fixed under Minimum Wages Act, the actual wages being paid, the hours of work for which such wage are earned, wages periods, dates of payments of wages and other relevant information as per Appendix' VIII'.

5. PAYMENT OF WAGES

- (i) The contractor shall fix wage periods in respect of which wages shall be payable.
- (ii) No wage period shall exceed one month.
- (iii) The wages of every person employed as contract labour in an establishment or by a contractor where less than one thousand such persons are employed shall be paid before the expiry of seventh day and in other cases before the expiry of tenth day after the last day of the wage period in respect of which the wages are payable.
- (iv) Where the employment of any worker is terminated by or on behalf of the contractor the wages earned by him shall be paid before the expiry of the second working day from the date on which his employment is terminated.
- (v) All payment of wages shall be made on a working day at the work premises and during the working time and on a date notified in advance and in case the work is completed before the expiry of the wage period, final payment shall be made within 48 hours of the last working day.
- (vi) Wages due to every worker shall be paid to him direct or to other person authorised by him in this behalf.
- (vii) All wages shall be paid in current coin or currency or in both.
- (viii) Wages shall be paid without any deductions of any kind except those specified by the Central Government by general or special order in this behalf or permissible under the Payment of Wages Act 1956.
- (ix) A notice showing the wages period and the place and time of disbursement of wages shall be displayed at the place of work and a copy sent by the contractor to the Engineer-in-Charge under acknowledgement.
- (x) It shall be the duty of the contractor to ensure the disbursement of wages in the presence of the Senior Superintendent Engg or authorised representative of the Engineer-in-Charge who will be required to be present at the place and time of disbursement of wages by the contractor to workmen.
- (xi) The contractor shall obtain from Engineer in charge or the authorised representative of the Engineer-in-Charge a certificate under his signature at the end of the entries in the "Register of Wages" or the "Wage-cum-Muster Roll" as the case may be in the following form:
 "Certified that the amount shown in column No. has been paid to the workman concerned in my presence on at"

Note: In case of payment of wages paid through bank, the contractor shall submit a copy of bank statement for relevant period duly signed by him.

6. FINES AND DEDUCTIONS WHICH MAY BE MADE FROM WAGES

- (i) The wages of a worker shall be paid to him without any deduction of any kind except the following:
 - a) Fines
 - b) Deductions for absence from duty i.e. from the place or the places where by the terms of his employment he is required to work. The amount of deduction shall be in proportion to the period for which he was absent.
 - c) Deduction for damage to or loss of goods expressly entrusted to the employed person for custody, or for loss of money or any other deduction which he is required to account, where such damage or loss is directly attributable to his neglect or default.
 - d) Deduction for recovery of advances or for adjustment of overpayment of wages, advances granted shall be entered in a register.
 - e) Any other deduction which the Central Government may from time to time allow.
- (ii) No fines should be imposed on any worker save in respect of such acts and omissions on his part as have been approved of by the Chief Labour Commissioner.

Note: An approved list of Acts and Omissions for which fines can be imposed is enclosed at Appendix-XII.

- (iii) No fine shall be imposed on a worker and no deduction for damage or loss shall be made from his wages until the worker has been given an opportunity of showing cause against such fines or deductions.
- (iv) The total amount of fine which may be imposed in any one wage period on a worker shall not exceed an amount equal to three paise in a rupee of the total wages, payable to him in respect of that wage period.
- (v) No fine imposed on any worker shall be recovered from him by installment, or after the expiry of sixty days from the date on which it was imposed.
- (vi) Every fine shall be deemed to have been imposed on the day of the act or omission in respect of which it was imposed.

7. LABOUR RECORDS

- (i) The contractor shall maintain a Register of persons employed on work on contract in Form XIII of the CL(R&A) Central Rules 1971 (Appendix VI)
- (ii) The contractor shall maintain a Muster Roll register in respect of all workmen employed by him on the work under Contract in Form XVI of the CL (R&A) Rules 1971 (Appendix VII).
- (iii) The contractor shall maintain a Wage Register in respect of all workmen employed by him on the work under contract in Form XVII of the CL (R&A) Rules 1971 (Appendix VIII)
- (iv) **Register of accident** - The contractor shall maintain a register of accidents in such form as may be convenient at the work place but the same shall include the following particulars:
 - (a) Full particulars of the labourers who met with accident.
 - (b) Rate of Wages
 - (c) Sex
 - (d) Age
 - (e) Nature of accident and cause of accident
 - (f) Time and date of accident
 - (g) Date and time when admitted in Hospital
 - (h) Date of discharge from the Hospital
 - (i) Period of treatment and result of treatment
 - (j) Percentage of loss of earning capacity and disability as assessed by Medical officer
 - (k) Claim required to be paid under Workmen's Compensation Act. (l) Date of payment of compensation
 - (m) Amount paid with details of the person to whom the same was paid
 - (n) Authority by whom the compensation was assessed. (o) Remarks
- (v) The contractor shall maintain a **Register of Fines** in the Form XII of the CL(R&A) Rules 1971(Appendix-XIII).
The contractor shall display in a good condition and in a conspicuous place of work the approved list of acts and omissions for which fines can be imposed (Appendix-XII)
- (vi) The contractor shall maintain a **Register of deductions for damage or loss** in Form XX of the CL (R&A) Rules 1971(Appendix-XIV)
- (vii) The contractor shall maintain a **Register of Advances** in Form XXIII of the CL (R&A) Rules 1971(Appendix-XV)
- (viii) The contractor shall maintain a **Register of Overtime** in Form XXIII of the CL (R&A) Rules 1971(Appendix-XVI).

8. ATTENDANCE CARD-CUM-WAGE SLIP

- (i) The contractor shall issue an **Attendance card-cum-wage** slip to each workman employed by him in the specimen format (Appendix-IX)
- (ii) The card shall be valid for each wage period.
- (iii) The contractor shall mark the attendance of each workman on the card twice each day, once at the commencement of the day and again after the rest interval, before he actually starts work.
- (iv) The card shall remain in possession of the worker during the wage period under reference.

- (v) The contractor shall complete the wage slip portion on the reverse of the card at least a day prior to the disbursement of wages in respect of the wage period under reference.
- (vi) The contractor shall obtain the signature or thumb impression of the worker on the wage slip at the time of disbursement of wages and retain the card with himself.

9. EMPLOYMENT CARD

The contractor shall issue an **Employment Card** in Form XIV of the CL (R&A) Central Rules 1971 to each worker within three days of the employment of the worker (Appendix-X).

10. SERVICE CERTIFICATE

On termination of employment for any reason whatsoever the contractor shall issue to the workman whose services have been terminated, a **Service certificate** in Form XV of the CL (R&A) Central Rules 1971.

11. PRESERVATION OF LABOUR RECORDS

All records required to be maintained under Regulations Nos. 6 & 7 shall be preserved in original for a period of three years from the date of last entries made in them and shall be made available for inspection by the Engineer-in-Charge or Labour Officer or any other officers authorised by the Ministry of Urban Development in this behalf.

12. POWER OF LABOUR OFFICER TO MAKE INVESTIGATIONS OR ENQUIRY

The Labour Officer or any person authorised by Central Government on their behalf shall have power to make enquiries with a view to ascertaining and enforcing due and proper observance of Fair Wage Clauses and the Provisions of these Regulations. He shall investigate into any complaint regarding the default made by the contractor or subcontractor in regard to such provision.

13. REPORT OF LABOUR OFFICER

The Labour Officer or other persons authorised as aforesaid shall submit a report of result of his investigation or enquiry to the Engineer-in-Charge concerned indicating the extent, if any, to which the default has been committed with a note that necessary deductions from the contractor's bill be made and the wages and other dues be paid to the labourers concerned. In case an appeal is made by the contractor under Clause 13 of these regulations, actual payment to labourers will be made by the Engineer-in-Charge after G.M. Engg. has given his decision on such appeal.

(i) Engineer-in-Charge shall arrange payments to the labour concerned within 45 days from the receipt of the report from the Labour Officer or the G.M. Engineer as the case maybe.

14. APPEAL AGAINST THE DECISION OF LABOUR OFFICER

Any person aggrieved by the decision and recommendations of the Labour Officer or other person so authorised may appeal against such decision to the Engineer-in-Charge concerned within 30 days from the date of decision, but subject to such appeal, the decision of the officer shall be final and binding upon the contractor.

15. PROHIBITION REGARDING REPRESENTATION THROUGH LAWYER

- (i) A workman shall be entitled to be represented in any investigation or enquiry under these regulations by:
 - a) An officer of a registered trade union of which he is a member.
 - b) An officer of a federation of trade unions to which the trade union referred to in Clause (a) is affiliated.

- c) Where the employer is not a member of any registered trade union, by an officer of a registered trade union, connected with the industry in which the worker is employed or by any other workman employed in the industry in which the worker is employed.
- (ii) An employer shall be entitled to be represented in any investigation or enquiry under these regulations by:
 - a) An officer of an association of employers of which he is a member.
 - b) An officer of a federation of associations of employers to which association referred to in Clause (a) is affiliated.
 - c) Where the employers is not a member of any association of employers, by an officer of association of employer connected with the industry in which the employer is engaged or by any other employer, engaged in the industry in which the employer is engaged.
- (iii) No party shall be entitled to be represented by a legal practitioner in any investigation or enquiry under these regulations.

16. INSPECTION OF BOOKS AND SLIPS

The contractor shall allow inspection of all the prescribed labour records to any of his workers or to his agent at a convenient time and place after due notice is received or to the Labour Officer or any other person, authorised by the Central Government on his behalf .

17. SUBMISSION OF RETURNS

The contractor shall submit periodical returns as may be specified from time to time.

18. AMENDMENTS

The Central Government/AAI may from time to time add to or amend the regulations and on any question as to the application/interpretation or effect of those regulations the decision of the General Manager (Engg.) concerned shall be final.

APPENDIX-I

**FORM OF BANK GUARANTEE IN LIEU OF SECURITY DEPOSIT & AMOUNT
WITHHELD AGAINST COMPENSATION FOR DELAY IN INDIVIDUAL
CONTRACT (on Non-Judicial Stamp Paper of Rs.100/-)**

[Refer Clause 1A and 2B]

To

The Airports Authority of India

.....
.....

1. In consideration of the Airport Authority of India having its head office at New Delhi [hereinafter called the "AAI" which expression shall unless repugnant to the subject or context include its administrator, successors and assigns) having agreed under the terms and condition of Contract Agreement No. dated.....made between.....and AAI in connection with the work of.....(hereinafter called the said contract) to accept Deed of Guarantee as herein provided for Rs.....(Rupees.....only) from a Nationalized Bank in lieu of the Security deposit to be made by the contractor or lieu of the amount withheld towards compensation for delay pending final extension of time to be made from the contractors contained in the said Contractor. We, the... ..bank (hereinafter referred to as "the said Bank" and having our registered office at do hereby undertake and agree to identify and keep indemnified AAI from time to time to the extent of Rs..... (Rupees..... only) against any loss or damage, cost, charges and expenses caused to or suffered by or that may be caused to or suffered by AAI by reason of any breach or breaches by the said Contractor of any of the terms and condition contained in the said contract and to unconditionally pay the amount claimed by AAI on demand and without demur to the extent aforesaid.

2. We Bank, further agree that AAI shall be the sole judge of and as to whether the said Contractor has committed any breach or breaches of any of the terms and conditions of the said contract and the extent of loss, damage, costs, charges and expenses caused to or suffered by or that may be caused to or suffered by AAI on account thereof and the decision of AAI that the said Contractor has committed such breach and breaches and as to the amount or amounts of loss, damage, costs, charges and expenses caused to or suffered of that may be caused to or suffered by AAI from time to time shall be final and binding on us.

3. We, the said Bank, further agree that the Guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said contracts and till all the dues of AAI under the said contract or by virtue of any of the terms and conditions governing the said contract including compensation for delay if any as decided by AAI, have been fully paid and its claims satisfied or discharged and till the Accepting Authority of the contract certifies that the terms and condition and accordingly Contract have been fully and properly carried out by the said contractor and accordingly discharges this guarantee subject, however that AAI shall have no claim under this Guarantee after 90(Ninety) days from the date of expiry of the defects Liabilities periods or Final /Extension of Time granted by AAI as provided available in agreements clause no.....as provided in the said Contract, i.e.....(date) or from the date of cancellation of the said contract, as the case may be, unless a notice of the claim under this Guarantee has been served on the Bank before the expiry of the period in which case the same shall be enforceable against the Bank notwithstanding the fact, that the same is enforced after the expiry of the said period.

4. AAI shall have the fullest liberty without affecting in any way the liability of the bank under this Guarantee or Indemnity from time to time to vary any of the terms and conditions of the said contract or to extend time of performance by the said Contractor or to postpone for any time and from time to time any of the powers exercisable by it against the said Contractor and either to enforce or forbear from enforcing any of terms and conditions governing the said contract or securities available to AAI and the said Bank shall not be released from its liability under these present by any exercise by AAI of any liberty with reference to the matters aforesaid or by reason of time being given to the said contractor or any other forbearance, act or omission on the part by AAI or any indulgence by AAI to the said Contractor or any other matter or thing whatsoever which under the law relating to sureties would but for this provision have the effect of so releasing the Bank from its such liability.
5. It shall not be necessary for AAI to proceed against the contractor before proceeding against the Bank and the Guarantee herein contained shall be enforceable against the Bank, notwithstanding any security which AAI may have obtained or obtain from the Contractor at the time when proceedings are taken against the Bank hereunder be outstanding or unrealized.
6. We, the said Bank, lastly undertake not to revoke this Guarantee during its currency except with the previous consent of AAI in writing and agree that any charge in the Constitution of the said Contract or the said Bank shall not discharge our liability hereunder.

In presence of

Dated this ___ Day of _____

WITNESS

1.

2.

For and on behalf of (The Bank)

Signature _____

Name & Designation _____

Authorization No. _____

Name & Place _____

Bank's Seal _____

The above Guarantee is accepted by Airports Authority of India.

For and on behalf of Airports Authority of India

Signature _____

Name _____

Designation _____

Dated _____

APPENDIX-IA**FORM OF BANK GUARANTEE AGAINST EARNEST MONEY DEPOSIT**

WHEREAS, contractor_____ (Name of contractor) (hereinafter called “the contractor”) has submitted his tender dated_____(date) for the construction of “_” (name of work) (hereinafter called “the TENDER”).

KNOW ALL PEOPLE by these presents that we_____ (name of bank) having our registered office at (hereinafter called “the bank”) are bound unto_____ (Name of Senior Manager) (hereinafter called “the Engineer-in-charge”) in the sum of Rs._____(Rs. In words_) for which payment well truly to be made to the said Engineer-in-charge the bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the Bank this____day of ____20.

THE CONDITIONS of this obligation are:

- (1) If after tender opening the Contractor withdraws, his tender during the period of validity of tender (including extended validity of tender) specified in the Form of Tender.
- (2) If the contractor having been notified of the acceptance of his tender by the engineer-in-charge.
 - a) Fails or refuses to execute the form of Agreement in accordance with the instructions to contractor, if required—
or,
 - b) Fails or refuses to furnish the performance guarantee, in accordance with the provisions of tender document and instructions to contractor,
or,
 - c) Fails or refuses to start the work, in accordance with the provisions of the contract and instructions to contractor,
or,
 - d) Fails or refuses to submit fresh bank guarantee of an equal amount of this bank guarantee against security deposit after award of contract.

We undertake to pay to the engineer-in-charge either up to the above amount or part thereof upon receipt of his first return demand, without the engineer-in-charge having to substantiate his demand, provided that in his demand the engineer-in-charge will note that the amount claimed by him is due to him owing to the concurrence of one or any of the above conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including the date*_after the deadline for submission of tender as such deadline is stated in the instructions to contractor or as it may be extended by the engineer-in-charge, notice of which extension (s) to the bank is hereby waived. Any demand in respect of this guarantee should reach the bank not later than the above date.

DATE

SIGNATURE OF THE BANK

WITNESS..... SEAL
(SIGNATURE NAME AND ADDRESS)

☐ Date to be worked out on the basis of validity period of 6 months from last date of receipt of tender.

**Form of Insurance Surety Bond towards EMD
(To be stamped in accordance with Stamp Act of India)**

Insurance Surety Bond No.:

Date:

Name of work:

To
{AIRPORT AUTHORITY OF INDIA.....
AIRPORT}

WHEREAS THIS SURETY BOND AGREEMENT is executed at this day of
.....20.....

BETWEEN

- a. M/s. (Name of the bidder) having its Registered/Head Office at
(hereinafter called 'the Insurer' which expression shall include its successors, administrators,
executors and assigns)
- b. (Name and Address of Insurer) having its registered office at
(Hereinafter called "the Insure" which expression shall include its successors, administrators,
executors and assigns.)

AND

- c. Airport Authority of India a Statutory Body constituted under the Airport Authority of India Act, 1994
State Bank of India Act, 1995 having its Central Headquarters at Rajiv Gandhi Bhawan, Safdarjung
Airport, New Delhi, 110003 (hereinafter called the "AAI");

Dear Sirs,

In accordance with Invitation for Bids under your Bid Documents No. dated Agency name
having its registered/ Head Office at Address (Hereinafter called the Agency) wish to participate in the
said bid for (tender Title).

As an irrecoble Insurance Surety Bond against bid Security for an amount of
...(*)..... valid for days from
.....(**) required to be submitted by the Supplier as a
condition precedent for participation in the said bid which amount is liable to be forfeited on the
happening on the happening of any contingencies as mentioned under the Bidding Document/NIT No.
.....

We, the {Name of the Insurer} having our Head Office at {address of the Insurer} guarantee and
undertake to pay truly AND immediately on demand by Airport Authority of India (hereinafter called the
'Owner') and its successors and assigns by these presents the amount of (*) on first
written demand, without any DEMUR, reservation, protest, demands made by the Owner shall be
conclusive and binding on us Irrespective of any dispute or difference raised by the Agency and/or any
right/remedy available to the Agency in terms thereof.

THE CONDITIONS of this obligation are:

- (1) If the Bidder withdraws its bid during the period of bid validity specified by the Bidder in the Bid
Form; or

- (2) In case the Bidder does not withdraws the deviation proposed by him, if any, at the cost of withdrawal stated by him in the bid and/or accept the withdrawals/rectification pursuant to the declaration/confirmation made by him; or
- (3) In the case of a successful Bidder, if the Bidder falls or refuses within the specified time limit.

1. To execute the Contract Agreement, or
2. To furnish the required performance security/guarantee within the prescribed time
3. The proceeds of Surety Bond (EMD) shall be payable to Owner in case of breach of any of the terms and conditions of the tender by the bidder.

WE undertake to pay to the Owner up to the above amount upon receipt of its first written demand, without the Owner having to substantiate its demand, and that in its demand the Owner/may note that the amount claimed by it is due to it, owing to the occurrence of any to the above-named CONDITIONS or their combination, and specifying the occurred or conditions.

The Surety Bond shall not be affected by any change in the constitution or winding up, any absorption, merger or amalgamation of any of the parties to this surety bond, with any other person.

In the event that the obligation of Owner of this Surety Bond are assigned or novated to a third party, the Surety agrees that this Bond shall remain in full force and effect and shall be deemed to apply to the new principal as if originally named herein, provided that the Surety's liability shall not be increased or extended beyond the original terms of this Bond.

This Surety Bond shall be governed by Indian Law and is to be construed in accordance with Indian Law in all its respects. Each hereby agrees to submit to the jurisdiction of the Courts at (#), and to comply with all the requirements necessary to give such Court the jurisdiction. All matters arising hereunder shall be determined in accordance with the law and practice of the Courts at (#)

This Insurance Surety Bond shall be unconditional as well as irrevocable and shall remain valid up to (@) If any further extension of this Insurance.

Surety Bond is required, the same shall be extended to such required period (not exceeding one year) on receiving instruction from M/s {Agency's Name} on whose behalf this Insurance Surety Bond is issued.

In witness where of the Insurer, through its authorized officer, has set its hand and stamp on this Day of 20 At

.....
{Signature}

.....
{Name}

.....
(Designation with insurer Stamp and complete Address,
Telephone and Email of the Authorized Signatory)

Authorized Vide Power of Attorney PoA No.....

WITNESSES:

- I. Name & Signature
- II. Name & Signature

Date

NOTE:

1. (*) The amount shall be equivalent to EMD amount specified in the tender.
(**) This shall be the last date of submission deadline
(@) This date shall be thirty (30) days after the last date for which the bid is valid.
(#) This shall be the place where the tender is floated by AAI
2. The insurance surety bond shall be from an insurer, registered under the Insurance Act, 1983 as per guidelines issued by Insurance Regulatory and Development Authority of India as amended from time to time.
3. The owner shall be the creditor, the supplier shall be the principal debtor and the insurance company/insurer shall be the surety in respect of the insurance surety bond to be issued by the insurer.
4. The insurance surety bond shall be executed on Non-Judicial Stamp Paper/e-Stamp Paper of appropriate value as per the Stamp Act prevailing in the state(s) where the Insurance Surety Bond is submitted or is to be acted upon or the rate prevailing in State where the Insurance Surety Bond is executed, whichever is higher. The stamp Paper/e-stamp paper shall be purchased in the name of Supplier/Insurer issuing the Insurance Surety Bond.
5. While getting the Insurance Surety Bond issued, Suppliers are required to ensure compliance to the points mentioned in the form of Bank Guarantee/Insurance Surety Bond verification check list enclosed in this Section of Bidding Documents. Further, Suppliers are required to fill up this form and enclose the same with the Insurance Surety Bond.
6. Each Page of Insurance Surety Bond for EMD Shall be duly signed/initialled by the executing officers and the last page shall be full by the duly authorized signatory of Insurance Company alongwith two witnesses.

**PROFORMA FOR MANDATORY TESTS TO BE ATTACHED WITH RUNNING
ACCOUNTBILLS**

**Contract Agreement No. and Date..... R/A Bill
No.....**

[illegible]

Signature of Sudt. (Engg)

Signature of Engineer-in-Charge. **Signature of Manager / AM(Engg)**

APPENDIX-III**REGISTER OF MATERNITY BENEFITS (Clause 19F)**

Name and address of the contractor.....

Name and location of the work.....

Name of the employee	Father's/husband's name	Nature of employment	Period of actual	Date on which notice of

employment confinement given

1	2	3	4	5

Date on which maternity leave commenced and ended

Date of delivery/miscarriage	<u>In case of delivery</u>		<u>In case of delivery</u>	
	Commenced	Ended	Commenced	Ended
6	7	8	9	10

Leave Pay paid to the employee

<u>In case of delivery</u>	<u>In case of miscarriage</u>	Remark
Rate of leave pay	Amount paid	Rate of leave
Amount		
pay	paid	
11	12	13
14	15	

APPENDIX-IV

**SPECIMEN FORM OF THE REGISTER, REGARDING MATERNITY BENEFIT
ADMISSION TO THE CONTRACTOR'S LABOUR IN
AIRPORTS AUTHORITY OF INDIA WORKS (CLAUSE 19F)**

Name and address of the contractor-----

Name and location of the work-----

- 1) Name of the woman and her husband's name
- 2) Designation
- 3) Date of appointment
- 4) Date with months and years in which she is employed.
- 5) Date of discharge/dismissal, if any
- 6) Date of production of certificates in respect of pregnancy.
- 7) Date on which the woman informs about the expected delivery.
- 8) Date of delivery/miscarriage/death.
- 9) Date of production of certificate in respect of delivery/miscarriage.
- 10) Date with the amount of maternity/death benefit paid in advance of expected delivery
- 11) Date with amount of subsequent payment of maternity benefit
- 12) Name of the person nominated by the woman to receive the payment of the maternity benefit after the death.
- 13) If the woman dies, the date of her death, the name of the person to whom maternity benefit amount was paid, the month thereof and the date in the register.
- 14) Signature of the contractor authenticating entries in the register.
- 15) Remarks column for the use of Inspection Officer.

APPENDIX-V**Labour Board**

Name of work

Name of Contractor-----

-----Address of Contractor-----

Name and address of A. A. I. Division -----

Name of A. A. I. Labour Officer -----

Address of A. A. I. Labour Officer -----

Name of A.A.I Labour Officer-----

Sl.No.	Category	Minimum wage fixed	Actual wage paid	Number present	Remark

Weekly holiday-----

Wage period-----

Date of payment of wages-----

Working hours-----

Rest interval-----



Form-XIII **APPENDIX-VI**
[See rule 2(1)]
[Part-A: For all Establishments]
Register of Workmen Employed by Contractor

Name and address of contractor.....

Name and address of establishment which contractor is carried on.....

Name and location of work.....

Name and address of Principal Employer.....

Name of the Establishment-----Name of Owner-----LIN-----

Sl. No.	Employee Code	Name	Surname	Gender	Father's/Spouse Name	Date of Birth#	Nationality	Education Level	Date of Joining	Designation
1	2	3	4	5	6	7	8	9	10	11

Category Address *(HS/S/SS/US)	Type of Employment	Mobile	UAN	PAN	ESIC IP	LWF	AADHAAR	Bank A/c Number	Bank	Branch (IFSC)	Present Address	Permanent
12	13	14	15	16	17	18	19	20	21	22	23	24

Service33 Book No. 25	Date of Exit	Reason for Exit	Mark of Identification	Photo	Specimen Signature/Thumb Impression	Remarks
	26	27	28	29	30	31

*(Highly Skilled/Skilled/Semi Skilled/Un Skilled)

#Note: In case the age is between 14 to 18 years, mention the nature of work, daily hours of work and Intervals of rest in the remarks Column.

APPENDIX-VII

Form-XVI
[See Rule 78(1) (a) (i)]

Muster Roll

Name _____ and _____ address _____ of
contractor.....

Name and address of establishment which contractor is carried
on.....

Name _____ and _____ location _____ of
work.....

Name and address of Principal Employer For the month of
fortnight.....

Sl. 1	Name of work Man 2	Sex 3	Father's/ Husband's 4	Date					Remark
				1	2	3	4	5	

**FORM B**

[See Rule 78(1) (a) (i)]

APPENDIX-VIII**FORMAT FOR WAGE REGISTER**

Name and address of contractor.....

Name and address of establishment which contractor is carried on.....

Name and location of work.....

Name and address of Principal Employer.....For the month of fortnight.....

Rate of Minimum Wages and since the date.....				
	Highly Skilled	Skilled	Semi-Skilled	Un Skilled
Minimum Basic				
DA				
Overtime				

Name of the Establishment__Name of Owner__LIN__ Wage period

From__To__(Monthly/Fortnightly/Weekly/Daily/Piece Rated)

Sl. No. in Employee register	Name	Rate of Wage	No. of Days worked	Overtime hours worked	Basic	Special Basic	DA	Payments Overtime	HRA	Others	Total
1	2	3	4	5	6	7	8	9	10	11	12

Various Formats to be maintained (Appendix)



Deduction								Net Payment	Employer Share PF Welfare Found
PF	ESIC	Society	Income Tax	Insurance	Others	Recoveries	Total		
13	14	15	16	17	18	19	20	21	22

Receipt by Employee/Bank Transaction ID	Date of Payment	Remarks
23	24	25



FORM C

FORMAT OF REGISTER OF LOAN/ RECOVERIES

Name of Establishment _____ LIN _____

Sl. Number In Employee register	Name	Recovery Type (Damage/loss/fine/advance/loans	Particulars	Date of damage/Loss*	Amount
1	2	3	4	5	6

Whether show cause issued*	Explanation heard in presence of*	Number of Installments	First Month/Year	Last Month/Year	Date of Complete Recovery	Remarks
7	8	9	10	11	12	13

*Applicable only in case of damage/loss/fine



Form-XVII [See Rule 78 (2)(a)]

Register of wages

Name and address of contractor.....

Name and address of establishment which contractor is carried on.....

Name and location of work.....

Name and address of Principal Employer..... For the month of fortnight.....

Amount of wages												Deduction if any (indicate nature)	Net amount paid	Sig. or thumb impression of the workmen	Initial contract or his representative
S. No	Name of workman	Serial no in the register of workman	Description/ nature of work done	No. of days worked	Units of work done	Daily rates of wages/ piece rate	Basic wages	Dearness Allowance	Over-time	Other cash payment nt. (indicate nature)	Total				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16



WAGE CARD

Wages Card No.....

Name and Address of Contractor.....Date of issue.....

Name and location of work.....Designation.....

Name of workman.....Month/Fortnight.....

Rate of Wages.....

	1	2	3	4	5	6	7	8	9	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	31	
										0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	8	0

Morning

Rate

Evening

Amount

Initial

Received from.....the sum of Rs... .. on account of my wages

Signature

The Wage Card is valid for one month from the date of issue

19/Form-XIX
78 (2)
[See rule 78 (1) (b)]

APPENDIX-IX

Wages Slip

Name and address of contractor.....

Name and Father's/Husband name of workman.....

Name and location of work.....

For the week/Fortnight/Month ending.....

1. No. of days worked.....

2. No. of units worked in case of piece rate workers.....

3. Rate of daily wages/piece rate.....

4. Amount of overtime wages.....

5. Gross wages payable.....

6. Deduction, if any.....

7. Net amount of wages paid.....

Initials of the contractor or his representative

APPENDIX-X

14/Form-XIV [See rule 76] **Employment Card**

Name and address of contractor.....

Name and address of establishment under which is carried.....

Name of work and location of work.....

Name and address of Principal Employee.....

1. Name of the workman.....

2. SI. No. in the register of workman employed.....

3. Nature of employment/designation.....

4. Wage rate (with particulars of unit in case of piece work).....

5. Wage period.....

6. Tenure of employment.....

7. Remark.....

Signature of Contractor

APPENDIX-XI

FORM OF PERFORMANCE SECURITY (GUARANTEE)
Bank Guarantee Bond
(On Non-Judicial Stamp Paper of Rs. 100/-)

1. In consideration of the Chairman, AAI (hereinafter called "AAI") having offered to accept the terms and conditions of the proposed agreement between
 [hereinafter called the said contractor(s)] for the work (hereinafter "the said agreement") having agreed to production of a irrevocable Bank Guarantee for Rs. (Rupees only) as a security / guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.
 We (Indicate the name of the Bank) (hereinafter referred to as "the Bank") hereby undertake to pay to the Chairman, AAI an amount not exceeding Rs. (Rupees only) on demand by AAI.

2. We (Indicate the name of the Bank) do hereby undertake to pay the amounts due to payable under this Guarantee without any demure, merely on a demand from AAI stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. (Rupees only).

3. We, the said Bank, further undertake to pay the Chairman, AAI any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) In any suit or proceeding pending before any court or tribunal relating thereto, our liability under this present being absolute and unequivocal.

 The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the contractor(s) shall have no claim against us for making such payment.

4. We (Indicate the name of bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of AAI under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-In-Charge on behalf of AAI certified that the terms and conditions of the said agreement have been fully and properly carried out by the said contractor(s) and accordingly discharges this guarantee.

5. We (indicate the name of the bank) further agree with AAI that AAI shall have the fullest liberty without our consent and without effecting in any manner our obligations hereunder to vary any of terms and conditions of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by AAI against in the said contractor(s) and to forebear and enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extensions being granted to the said contractor(s) or for any forbearance, act of omission on the part of AAI or any indulgence by the AAI to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to securities would, but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the contractor(s).
7. We..... (Indicate the name of the bank) lastly undertake not to revoke this guarantee except with the previous consent of AAI in writing.
8. This guarantee shall be valid upto unless extended on demand by AAI. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. (Rupees only) and unless a claim in writing is lodged within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

In presence of

Dated this ___ Day of _____

Witness

- 1.
- 2.

For and on behalf of (The Bank)
Signature _____
Name & Designation _____

Authorization No. _____
Name & Place _____
Bank's Seal _____

The above Guarantee is accepted by Airports Authority of India. For and on behalf of Airports Authority of India

Signature _____
Name _____
Designation _____
Dated _____

Note: * Date of validity should be schedule date of completion + Six months.

APPENDIX-XI-A

Format for Letter of undertaking from the Depositor to Bank

(To be submitted along with Security Deposit / Earnest Money / Performance Guarantee to
Airports Authority of India)

(To be submitted in the Letter head of the firm)

The Branch Manager,
.....Bank,
.....

Sub: - My / Our Bank Guarantee bearing No.....dated for amount..... Issued
in favour of Airport Authority of India

Sir,

The subject Bank Guarantee is obtained from your bank for the purpose of **Security Deposit / Earnest Money / Performance Guarantee** on account of contract awarded / to be awarded by M/s Airports Authority of India to me / us.

I hereby authorized the Airport Authority of India in whose favour the deposit is made to close the subject Bank Guarantee before maturity/ on maturity toward adjustment of dues without any reference /consent /notice from me / our side and the bank is fully discharged by making the payment to Airport Authority of India.

Signature of the Depositor

Place:

Date:

APPENDIX-XII

LIST OF ACTS AND OMISSIONS FOR WHICH FINES CAN BE IMPOSED

In accordance with rule 7(v) of the AAI Contractor's Labour Regulations to be displayed prominently at the site of work both in English and local Language.

1. Willful insubordination or disobedience, whether alone or in combination with other.
2. Theft fraud or dishonesty in connection with the contractors beside a business or property of AAI.
3. Taking or giving bribes or any illegal gratifications
4. Habitual late attendance.
5. Drunkenness lighting, riotous or disorderly or indifferent behavior
6. Habitual negligence.
7. Smoking near or around the area where combustible or other materials are locked
8. Habitual Indiscipline
9. Causing damage to work in the progress or to property of the AAI or of the contractor.
10. Sleeping on duty.
11. Malingering or slowing down work.
12. Giving of false information regarding name, age, father's name, etc.
13. Habitual loss of wage cards supplied by the employer's
14. Unauthorized use of employer's property of manufacturing or making of unauthorized particles at the workplace
15. Bad workmanship in construction and maintenance by skilled workers which is not approved by the Department and for which the contractors are compelled to undertake rectifications.
16. Making false complaints and/or misleading statements.
17. Engaging on trade within the premises of the establishments.
18. Any unauthorized divulgence of business affairs of the employees.

19. Collection or canvassing for the collection of any money within the premises of an establishment unless authorised by the employer.
20. Holding meeting inside the premises without previous sanction of the employers.
21. Threatening or intimidating any workman or employer during the working hours within the premises.
- 22.. **List of Minimum acts with minimum penalties:**

Imposition of penalties

Sl No.	Offence/Violation	Penalty in (Rs.)
1	Smoking in public area except where designated smoking chambers or areas are established.	300.00
2	Spitting in airport premises	300.00
3	Misuse of passenger baggage trolley	300.00
4	Using language likely to cause offence/annoyance.	500.00
5	Throwing loose papers, plastic cups or glass etc. in airport premises.	300.00
6	Non-display of Photo Identity Card while entering into or being in the terminal or operational area.	300.00
7	Transportation of overloaded airline baggage containers in operational area.	400.00
8	Vehicle/ equipment operating without anti-collision light/ obstruction flag inside operational area.	400.00
9	Parking of vehicles/ equipment in No Parking Area on Kerb side and city side including approach road within airport premise	500.00
10	Unauthorised entry into terminal building or operational area	500.00
11	Rash driving/over speeding in operational area	500.00
12	Driving in Operational area while being in a State of intoxication	500.00
13	Causing public inconvenience, unruly behaviour or Creating nuisance in public area.	500.00
14	Organizing or taking part in any public assembly, demonstration, dharmas or procession likely to obstruct or interfere with proper use and orderly functioning of airport.	500.00
15	Display of banners, flags, posters, emblems or write slogans in or around terminal.	500.00
16	Obstruction of authorised persons in the discharge of his or her duties.	500.00
17	Dumping garbage on in Operational area.	400.00
18	Vehicle/equipment left unattended in Operational area outside designated parking area/ hard stand for ground support equipment/ vehicles.	500.00
19	Vehicle/equipment not following vehicular lanes on Apron.	500.00
20	Vehicle/equipment/persons obstructing aircraft movement.	500.00
21	Crossing/operating vehicle/ equipment close to active runway/ taxiway without permission.	500.00
22	Vehicles/ equipment operation in the Operational area without permit (ADP)	500.00
23	Damage, displace, deface or alter any building structure or other property of AAI whether movable or, immovable. Besides penalty, actions to be taken to recover the loss from the defaulter or his/ her organization.	500.00
24	Photography and film shooting / videography at airport without permission.	500.00
25	Commercial activities at airport without permission.	500.00

**APPENDIX-XIII**

Form-XVII [See Rule 78 (2)(d)]

Register of Fines

Name and address of contractor.....

Name and address of establishment which contractor is carried on.....

Name and location of work.....

Name and address of Principal Employer.....

Sl. No.	Name of workman	Father's/ Husband's Name	Designation n nature of employment	Act or action for which fine imposed	Date of Offence	Whether workman showed cause against fine	Name of person in whose presence employee's explanation was heard	Wage period and wages payable	Amount of the imposed	Date on which fine realized	Remarks
1	2	3	4	5	6	7	8	9	10	11	12



APPENDIX-XIV

Form-XVII
[See Rule 78 (2) (d)]
Register of Deduction for Damage or Loss

Name and address of contractor.....

Name and address of establishment under which contract is carried on.....

Name and location of work.....

Name and address of Principal Employer.....

SI. No.	Name of workman	Father's Husband's Name	Designation /nature of employment	Particular of Damages or Loss	Date of damages or loss	Whether workman showed cause against deduction	Name of person in whose presence employee's explanation was heard	Amount of deduction imposed	No. of installments	Date of recovery		Remark
										First Installment	Last Installment	
1	2	3	4	5	6	7	8	9	10	11	12	13



Form-XXII
[See Rule 78 (2) (d)]
Register of Advances

Name and address of contractor.....

Name and address of establishment under which contract is carried on.....

Name and location of work.....

Name and address of Principal Employer.....

SI. No.	Name of workman	Father's Husband's Name	Designation /nature of employment	Wage period and wages payable	Date and amount of advance paid	Purpose for which advance paid	Number of installment by which advance to be repaid	Date and amount of each installment repaid	Date on which last installment was repaid	Remark
1	2	3	4	5	6	7	8	9	10	11



APPENDIX-XVI

Form-XXIII [See Rule 78 (2)(e)]

Register of Overtime

Name and address of contractor.....

Name and address of establishment under which contract is carried on.....

Name and location of work.....

Name and address of Principal Employer.....

S. No.	Name of workmen	Father's/ Husbands Name	Sex	Designation/ nature of employment	Date on which overtime worked	Total overtime worked at project in case of piece rate	Normal rate of wages	Overtime rate of wages	Overtime earning	Rate on which overtime paid	Remarks
1	2	3	4	5	6	7	8	9	10	11	12

APPENDIX-XVII

NOTICE FOR APPOINTMENT OF ARBITRATOR

[Refer Clause 25]

To

.....
.....
.....

Dear Sir,

In terms of clause 25 of the agreement, particular of which are given below, I/we hereby give notice to you to appoint an arbitrator for settlement of disputes mentioned below:

1. Name of applicant
2. Whether applicant is Individual/Prop. Firm /Partnership Firm/Ltd. Co.
3. Full address of the applicant.
4. Name of the work and contract number in which arbitrator sought.
5. Name of the office which entered into contract.
6. Contract amount in the work.
7. Date of contract.
8. Date of initiation of work.
9. Stipulated date of completion of work.
10. Actual date of completion of work (if completed).
11. Total number of claim made.
12. Total amount claimed.
13. Date of intimation of final bill (if work is completed).
14. Date of payment of final bill (if work is completed).
15. Amount of final bill (if work is completed).
16. Date of request made to ED for decision.
17. Date of receipt of ED's decision.
18. Date of appeal.
19. Date of receipt of decision on our appeal.

Specimen signature of the applicant
(Only the person/authority who
Signed the contract should sign)

I/We certify that the information given above is true to the best of my/our knowledge. I/We enclose following documents.

1. Statement of claims with amount of claims.
- 2.
- 3.
- 4.

Yours faithfully

(Signature)

Copy to:

1. The Engineer-in-charge,
.....

APPENDIX -XVIII**INTEGRITY PACT**

The integrity pact shall be signed by both the parties in the following format

“This Pact made this day of between Airports Authority of India, a body corporate constituted by the Central Government under the Airports Authority of India Act,1994 and having its Corporate Office at Rajiv Gandhi Bhawan, New Delhi, and offices at in India, hereinafter called the Authority (which term shall unless excluded by or is repugnant to the context, be deemed to include its Chairman, or Member, Executive Directors, Airport Directors, officers or any of them specified by the Chairman in this behalf, and shall also include its successors and assigns) of the one part

AND

.....represented by of the other part, hereinafter called the “Bidder/Contractor” (which term shall unless excluded by or is repugnant to the context be deemed to include its heirs, representatives, successors and assigns of the Bidder/Contractor) WHEREAS the Authority intends to award, under laid down organizational procedures, tender/ contract for.....The Authority, while discharging its functions on business principles, values proper compliance with all relevant laws and regulations, and the principles of natural ,justice, ethics, equity, fairness and transparency in its relations with the Bidders/ Contractors.

WHEREAS the Authority is desirous to make its business mechanism more transparent, thus to ensure strict adherence of the aforesaid objectives/goals, the Authority hereby adopts the instrument developed by the renowned international non-governmental organization “Transparency International” (T I) headquartered in Berlin (Germany). The Authority will appoint an Independent External Monitor (IEM) who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

AND WHEREAS the Bidder is submitting a tender to the Authority for In response to the NIT (Notice Inviting Tender) dated..... Contractor is signing the contract for execution of NOW, therefore, To avoid all forms of corruption by following a system that is fair, transparent and free from any influence/prejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to Enabling the Authority to obtain the desired said stores/equipment/execution of works at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement, and Enabling Authority to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the Authority will commit to prevent corruption, in any form, by its officials by following transparent procedures. The parties hereto hereby agree to enter into this Integrity Pact and agree as follows:

1. Commitments of the Authority;

- 1.1 The Authority undertakes that no official of the Authority, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the BIDDER, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the contract.
- 1.2 The Authority will, during the pre-contact stage, treat all BIDDERS alike, and will provide to all BIDDERS the same information and will not provide any such information to any particular BIDDER which could afford an advantage to that particular BIDDER in comparison to other BIDDERS.
- 1.3 All the officials of the Authority will report to the appropriate authority office any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.
- 1.4 In case any such preceding misconduct on the part of such official(s) is reported by the BIDDER to the Authority with full and verifiable facts and the same is prima facie found to be correct by the Authority, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the Authority and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by the Authority the proceedings under the contract would not be stalled.

1. Commitments of Bidders/Contractor.

The Bidder/Contractor commits itself to take all measures necessary to prevent corrupt practice, unfair means and illegal activities during any stage of its bid or during any pre-contract or post-contract stage in order to secure the contract or in furtherance to secure it and in particular commit itself to the following.

- 21 The Bidder/Contractor will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the Authority, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the contract.
- 22 The Bidder/Contractor further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the Authority or otherwise in procuring the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the contract or any other contract with the Authority for showing or forbearing to show favour or disfavour to any person in relation to the contract or any other contract with the Authority.

- 23 The Bidder / Contactor has not entered and will not enter with other bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specification, certifications, subsidiary contracts, submission or non-submission of bids or any actions to restrict competitiveness or to introduce cartelization in the bidding process.
- 24 The Bidder/Contractor shall, when presenting his bid, disclose the name and address of agents and representatives and Indian BIDDERS shall disclose their foreign principals or associates.
- 25 The Bidder/Contactor shall when presenting his bid disclose any and all the payments he has made or, is committed to or intends to make to agents/brokers or any other intermediary, in connection with this bid/contract.
- 26 The Bidder/Contractor further confirms and declares to the Authority that the BIDDER is the original manufacturer/integrator/ authorized government sponsored export entity of the stores and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the Authority or any of its functionaries, whether officially or unofficially to the award of the contract to the BIDDER, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation.
- 27 The Bidder/Contractor, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payments he has made or has committed to or intends to make to officials of the Authority or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.
- 28 The Bidder/Contractor will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.
- 29 The Bidder/Contractor will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.
- 2.10 The Bidder / Contactor shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the Authority as part of the business relationship, regarding plans, technical proposals and business details including information contained in any electronic data carrier. The Bidder / Contactor also undertakes to exercise due and adequate care lest any such information is divulged.
- 2.11 The Bidder/Contractor will inform to the Independent External Monitor. i) If he receives demand for an illegal/undue payment/benefit.

- ii) If he comes to know of any unethical or illegal payment/benefit.
- iii) If he makes any payment to any Authority's associate(s)
- 2.12 The Bidder/Contractor commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.
- 2.13 The Bidder/Contractor shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.
- 2.14 If the Bidder/Contractor or any employee of the Bidder/Contractor or any person acting on behalf of the Bidder/ Contractor, either directly or indirectly, is a relative of any of the officers of the Authority, or alternatively, if any relative of an officer of the Authority has financial interest/stake in the Bidder's/Contractor's firm, the same shall be disclosed by the Bidder/Contractor at the time filing of tender. The term 'relative' for this purpose would be as defined in Section 6 of the Companies Act 1956.
- 2.15 The Bidder/Contractor shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the Authority.
- 2.16 That if the Bidder/ Contractor, during tender process or before the award of the contract or during execution of the contract/work has committed a transgression in violation of section 2 or in any other form such as to put his reliability or credibility as Bidder/Contractor into question, the Authority is entitled to disqualify him from the tender process or to terminate the contract for such reason and to debar the BIDDER from participating in future bidding processes.

DELETED

2. Previous Transgression

- 3.1 The Bidder/Contractor declares that no previous transgression occurred in the last three years immediately before signing of this Integrity Pact, with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India that could justify Bidders's exclusion from the tender process.
- 3.2 The Bidder/Contractor agrees that if it makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason and he may be considered for debarment for future tender/contract processes.
- 3.3 That the Bidder/Contractor undertakes to get this Pact signed by the subcontractor (s) and associate(s) whose value of the work contribution exceeds Rs 0.5 Cr. (Rupees zero point five Cr.) and to submit the same to the Authority along-with the tender document/ contract before contract signing.
- 3.4 That sub-contractor(s)/ associate(s) engaged by the Contractor, with the approval of the Authority after signing of the contract, and whose value of the work contribution exceeds Rs 0.5 Cr. (Rupees Zero point five Cr.) will be required to

sign this Pact by the Contractor, and the same will be submitted to the Authority before doing/ performing any act/ function by such subcontractor(s) / associate(s) in relation to the contract/ work.

3.5 That the Authority will disqualify from the tender process all Bidder(s) who don't sign this Pact or violate its provisions or fails to get this Pact signed in terms of policy of authority

3.6 That if the Contractor(s) does/ do not sign this Pact or violate its provisions or fails to get this Pact signed in terms of policy of authority. Authority will terminate the contract and initiate appropriate action against such Contractor(s).

4. Earnest Money, Security Deposit, Bank Guarantee, Draft, Pay order or any other mode and its validity i/c Warranty Period, Performance Guarantee/Bond.

While submitting bid, the BIDDER shall deposit an EMD/SD/BG/DRAFT/PAY ORDER ETC I/C WARRANTY PERIOD, PG/BOND, VALIDITY etc., which is as per terms and conditions and details given in NIT / tender documents sold to the Bidders.

5. Sanctions for Violations/Disqualification from tender process and exclusion from future Contacts.

5.1 Any breach of the aforesaid provisions by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER) shall entitle the Authority to take all or any one of the following actions, wherever required:

- i) To immediately call off the pre contract negotiations without assigning any reason or giving any compensation to the BIDDER. However, the proceedings with the other BIDDER(s) would continue.
- ii) To immediately cancel the contract, if already signed, without giving any compensation to the BIDDER.
- iii) If the Authority has disqualified / debarred the Bidder from the tender process prior to the award under section 2 or 3 or 4, the Authority is entitled to forfeit the earnest money deposited/bid security.
- iv) To recover all sums already paid by the Authority, and in case of an Indian BIDDER with interest thereon at 2% higher than the prevailing Prime Lending Rate of State Bank of India, while in case of a BIDDER from a country other than India with interest thereon at 2% higher than the LIBOR. If any outstanding payment is due to the BIDDER from the Authority in connection with any other contract or any other stores, such outstanding payment could also be utilized to recover the aforesaid sum and interest.

- v) To en-cash the advance bank guarantee and performance bond/warranty bond, if furnished by the BIDDER, in order to recover the payments, already made by the BUYER, along with interest.
- vi) To cancel all or any other Contracts with the BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to the Authority resulting from such cancellation/rescission and the Authority shall be entitled to deduct the amount so payable from the money(s) due to the BIDDER.
- vii) To debar the BIDDER from participating in future bidding processes for period upto two years.
- viii) To recover all sums paid in violation of this Pact by BIDDER(s) to any middleman or agent or broker with a view to securing the contract.
- ix) In case where irrevocable Letters of Credit have been received in respect of any contract signed by the Authority with the BIDDER, the same shall not be opened.
- x) Forfeiture of Performance Bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.
- xi) That if the Authority have terminated the contract under section 2 or 3 or 4 or if the Authority is entitled to terminate the contract under section 2 or 3 or 4, the Authority shall be entitled to demand and recover from the contractor damages equivalent to 5% of the contract value or the amount equivalent to security deposit or performance bank guarantee whichever is higher.
- xii) That the Bidder / Contractor agrees and undertakes to pay the said amount without protest or demur subject only to condition that if the Bidder/Contractor can prove and establish to the satisfaction of the Authority that the disqualification / debarment of the bidder from the tender process or the termination of the contract after award of the contract has caused no damage to the Authority.

5.2 The Authority will be entitled to take all or any of the actions mentioned at para 5.1 above.

5.3 (i) to (xii) of this Pact also on the Commission by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER), of an offence as defined in Chapter IX of the Indian Penal code, 1860 or Prevention of Corruption Act, 1988 or any other statute enacted for prevention of corruption.

5.4 That if the Bidder/Contractor applies to the Authority for premature revocation of the debarment and proves to the satisfaction of the Authority that he has installed a suitable and effective corruption prevention system and also restored/recouped the damage, if any, caused by him, the Authority may, if thinks fit, revoke the debarment prematurely considering the facts and circumstances of the case, and the documents/evidence adduced by the Bidder/Contractor for first time default.

5.5 That a transgression is considered to have occurred if the Authority is fully satisfied with the available documents and evidence submitted along with Independent External Monitor's recommendations/suggestions that no reasonable doubt is possible in the matter.

5.6 The decision of the Authority to the effect that a breach of the provisions of this Pact has been committed by the BIDDER shall be final and conclusive on the BIDDER. However, the BIDDER can approach the Independent External Monitor(s) appointed for the purpose of this Pact.

6. Allegations against Bidders/Contractors/ Sub-Contractors/Associates:

That if the Authority receives any information of conduct of a Bidder/ Contractor or Sub- Contractor or of an employee or a representative or an associate of the Bidder, Contractor or Sub- Contractor which constitute corruption, or if the Authority has substantive suspicion in this regard, the Authority will inform the Vigilance Department for appropriate action.

7. Independent External Monitor(s),

7.1. That the Authority has appointed competent and credible Independent External Monitor(s) for this Pact.

DELETED

7.2 The task of the Monitor(s) is to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact. He will also enquire into any complaint alleging transgression of any provision of this Pact made by the Bidder, Contractor or Authority.

7.3. That the Monitor(s) is not subject to any instructions by the representatives of the parties and would perform his functions neutrally and independently. He will report to the Chairperson of the Board of the Authority.

7.4 That the Bidder / Contractor accepts that the Monitor(s) has the right to access without restriction to all project documentation of the Authority including that provided by the Bidder/Contractor. The Bidder/Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation including minutes of meeting. The same is applicable to Sub - Contractors and Associates. The Monitor is under obligation to treat the information and documents of the Authority and Bidder/ Contractor / Sub- Contractors/ Associates with confidentiality.

- 7.5. That as soon as the Monitor notices, or believes to notice, a violation of this Pact, he will so inform the management of the Authority and request the management to discontinue or heal the violation, or to take other relevant action. The Monitor(s) can in this regard submit his recommendations/ suggestions. Beyond this, the Monitor(s) has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- 7.6 That the Authority will provide to the Monitor(s) sufficient information about all meetings among the parties related to the project provided such meetings could have an impact on the contractual relations between the Authority and the Contractor / Bidder. The parties offer to the Monitor(s) the option to participate in such meetings.
- 7.7 That the Monitor(s) will submit a written report to the Chairperson of the Board of the Authority within 2 weeks from the date of reference or intimation to him by the Authority and, should the occasion arise, submit proposals for correcting problematic situations.
- 7.8 That if the Monitor(s) has reported to the Chairperson of the Board a substantiated suspicion of an offence under relevant Anti Corruption Laws of India and the Chairperson has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Department, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.
- 7.9 The word 'Monitor' would include singular and plural.

8. Facilitation of Investigation.

In case of any allegation of violation of any provisions of this Pact or payment of commission, the Authority or its agencies shall be entitled to examine all the documents including the Books of Accounts of the BIDDER and the BIDDER shall provide necessary information and documents in English and shall extend all possible help for the purpose of such Examination.

9. Law and Place of Jurisdiction.

That this Pact is subject to provisions under Indian Law. The place of performance and jurisdiction is the Corporate Headquarter /the Regional Headquarter / office of the Authority, as applicable.

10. Other Legal Actions

- 10.1 That the changes and supplements as well as termination notice need to be made in writing.
- 10.2 That if the Bidder / Contractor are a partnership or a consortium, this Pact must be signed by all the partners and consortium members or their authorized representatives.

11. Pact duration (Validity)

- 11.1 That this Pact comes into force when both the parties have signed it. It expires for the Contractor 12 months after the final payment under the respective contract, and for all other Bidders 3 months after the contract is awarded.
- 11.2. That if any claim is made / lodged during this period, the same shall be binding and continue to be valid despite the lapse of this Pact as specified herein before, unless it is discharged/determined by Chairman of the Authority.
- 11.3 That should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact shall remain valid. In this case, the parties will strive to come to an agreement to their original intentions.

12. Company Code of Conduct

Bidders are also advised to have a company code of conduct (clearly rejecting the use of bribes and other unethical behavior) and a compliance program for the implementation of the code of conduct throughout the company.

13. The parties hereby sign this Integrity Pact at ____ on

Buyer

Name of the Officer
Designation
Deptt./Ministry/PSU
Witness

1. _____

2. _____

DELETED

Bidder

CHIEF EXECUTIVE OFFICER
Witness

1. _____

2. _____

APPENDIX-XIX

(To be filled by Contractor)
(CLAUSE-47)

Ratio of direct payment to the specialized : ...% of the net payment to be made to Specialized agency
in case of composite contract agency

Sl.	Sub-head	Nature of work	% of the net payment to be made to Specialized agency
1	Sub-head I		

Note:

1. NIT approving authority must ensure that all sub-heads of works are covered in above table. The bidder must indicate percentage payable to specialized agency in case of all sub-heads.
2. If % is not filled in by the contractor against one or more subhead in this schedule, then 75% of the net payment admissible as per AAI for the subhead under consideration shall be paid directly to specialized agency in case of composite contract.

Appendix - XX

INDENTURE FOR SECURED ADVANCES

(Reference Clause 10 B)

(For use in cases in which the contract is for finished work and the contractor has entered into an agreement for the execution of a certain specified quantity of work in a given time)

THIS INDENTURE made the..... day of 20..... BETWEEN (hereinafter called the Contractor which expression shall where the context so admits or implies be deemed to include his executors administrators and assigns) of the one part and the CHAIRMAN, AAI (hereinafter called the AAI which expression shall where the context so admits or implies be deemed to include his successors in office and assigns) of the other part.

WHEREAS by an agreement dated..... (hereinafter called the said agreement) the Contractor has agreed AND WHEREAS the Contractor has applied to the AAI that he may be allowed advances on the security of materials absolutely belonging to him and brought by him to the site of the works the subject of the said agreement for use in the construction of such of the works as he has undertaken to execute at rates fixed for the finished work (inclusive of the cost of materials and labour and other charges) AND WHEREAS the AAI has agreed to advance to the Contractor the sum of Rupees on the security of materials the quantities and other particulars of which are detailed in Accounts of Secured Advances attached to the Running Account Bill for the said works signed by the Contractor on and the AAI has reserved to himself the option of making any further advance or advances on the security of other materials brought by the Contractor to the site of the said works. Now THIS INDENTURE WITNESSETH that in pursuance of the said agreement and in consideration of the sum of Rupees

.....on or before the execution of these presents paid to the Contractor by the AAI (the receipt whereof the Contractor doth hereby acknowledge) and of such further advances (if any) as may be made to him as aforesaid the Contractor doth hereby covenant and agree with the AAI and declare as follows: -

- (1) That the said sum of Rupees so advanced by the AAI to the Contractor as aforesaid and all or any further sum or sums advanced as aforesaid shall be employed by the Contractor in or towards expediting the execution of the said works and for no other purpose whatsoever.
- (2) That the materials detailed in the said Account of Secured Advances which have been offered to and accepted by the AAI as security are absolutely the Contractor's own property and free from encumbrances of any kind and the contractor will not make any application for or receive a further advance on the security of materials which are not absolutely his own property and free from encumbrances of any kind and the Contractor indemnifies the AAI against all claims to any materials in respect of which an advance has been made to him as aforesaid.
- (3) That the materials detailed in the said Account of Secured Advances and all other materials on the security of which any further advance or advances may hereafter be made as aforesaid (hereinafter called the said materials) shall be used by the Contractor solely in the execution of the said works in accordance with the directions of the Engineer-in-Charge of the project (hereinafter called the Engineer-in-Charge) and in the term of the said agreement.

- (4) That the Contractor shall make at his own cost all necessary and adequate arrangements for the proper watch, safe custody and protection against all risks of the said materials and that until used in construction as aforesaid the said materials shall remain at the site of the said works in the Contractor's custody and on his own responsibility and shall at all times be open to inspection by the Engineer-in-Charge or any officer authorised by him. In the event of the said materials or any part thereof being stolen, destroyed or damaged or becoming deteriorated in a greater degree than is due to reasonable use and wear thereof the Contractor will forthwith replace the same with other materials of like quality or repair and make good the same as required by the Engineer-in-Charge.
- (5) That the said materials shall not on any account be removed from the site of the said works except with the written permission of the Engineer-in-Charge or an officer authorised by him on that behalf.
- (6) That the advances shall be repayable in full when or before the Contractor receives payment from the AAI of the price payable to him for the said works under the terms and provisions of the said agreement. Provided that if any intermediate payments are made to the Contractor on account of work done than on the occasion of each such payment the AAI will be at liberty to make a recovery from the Contractor's bill for such payment by deducting there from the value of the said materials then actually used in the construction and in respect of which recovery has not been made previously, the value for this purpose being determined in respect of each description of materials at the rates at which the amounts of the advances made under these presents were calculated.
- (7) That if the Contractor shall at any time make any default in the performance or observance in any respect of any of the terms and provisions of the said agreement or of these presents the total amount of the advance or advances that may still be owing to the AAI shall immediately on the happening of such default be repayable by the Contractor to the President together with interest thereon at twelve per cent per annum from the date or respective dates of such advance or advances to the date of repayment and with all costs charges, damages and expenses incurred by the President in or for the recovery thereof or the enforcement of this security or otherwise by reason of the default of the Contractor and the Contractor hereby covenants and agrees with the President to repay and pay the same respectively to him accordingly.
- (8) That the Contractor hereby charges all the said materials with the repayment to the President of the said sum of Rupees and any further sum or sums advanced as aforesaid and all costs charges, damages and expenses payable under these presents PROVIDED ALWAYS and it is hereby agreed and declared that notwithstanding anything in the said agreement and without prejudice to the powers contained therein if and whenever the covenant for payment and repayment herein before contained shall become enforceable and the money owing shall not be paid in accordance therewith the AAI may at any time thereafter adopt all or any of the following courses as he may deem best :-
- (a) Set and utilize the said materials or any part thereof in the completion of the said works on behalf of the Contractor in accordance with the provisions in that behalf contained in the said agreement debiting the Contractor with the actual cost of effecting such completion and the amount due in respect of advances under these presents and crediting the Contractor with the value of work done as if he had carried it out in accordance with the said agreement and at the rates thereby provided. If the balance is

against the Contractor, he is to pay same to the AAI on demand.

- (b) Remove and sell by public auction the seized materials or any part thereof and out of the moneys arising from the sale retain all the sums aforesaid repayable or payable to the AAI under these presents and pay over the surplus (if any) to the Contractor.

Deduct all or any part of the moneys owing out of the security deposit or any sum due to the Contractor under the said agreement.

- (9) That except in the event of such default on the part of the Contractor as aforesaid interest on the said advance shall not be payable.

- (10) That in the event of any conflict between the provisions of these presents and the said agreement the provisions of these presents shall prevail and in the event of any dispute or difference arising over the construction or effect of these presents the settlement of which has not been herein before expressly provided for the same shall be finally resolved as per provisions of clause 25 of the contract.

In witness whereof the said and by the order and under the direction of the AAI have hereunto set their respective hands the day and year first above written.

Signed, sealed and delivered by..... the said contractor in the presence of

Signature

Witness Name

.....

..... Address

Signed by.....

by the order and direction of the AAI in the presence of

Signature

Witness Name

.....

..... Address

Work Diary**PART – A**

1. Name of Work.....
2. Contract Agreement No
3. Date of Acceptance
4. Name and Registered address of Contractor.....
5. Contract Sum and /or percentage on Schedule of Rate.....
6. Period of Contract.....
7. Name and local address of Contractor/ Contractor's Agent
8. Date of First Works order.....
9. Date of handing over the site to contractor
10. Date of Commencement of work
11. Stipulated date of completion of Contract.....
12. Suspension orders showing duration and authority.....
13. Extended date of completion with authority
14. Date of actual completion of work
15. Date of work taken over.....
16. Date of expiry of Maintenance Period

Work Diary

PART-B

DAILY RECORD

1. Weather

2. Workers engaged by Contractor

Skilled						Unskilled	
Category	No	Category	No	Category	No	Category	No
Concreter		Paviour		Glazier		Mate	
Bricklayer		Tiller		Plumber		Bhisty	
Mason		Painter				Mazdoor (man)	
Carpenter		Polisher				Mazdoor (women)	
Joiner						Mazdoor (boy)	

3. Important materials brought on site with approximate quantities (rejection, if any, to be stated).

Schedule 'B' materials		Contractor's materials		Rejections	
Materials	Quantity	Materials	Quantity	Materials	Quantity

4. Details of plant, equipment and transport and transport working on site.

	T & P Hired under Schedule 'C'		Contractor's T&P equipment & transport	
T & P	Quantity	Remarks regarding breakdown maintenance etc	Quantity	Remarks regarding breakdown maintenance etc
Road Roller Concrete. Mixer Tar Roller Transport				

5. Brief particulars of work in progress

6. Important stages completed and passed

7. Remarks of Visiting Officer

Dated signature of Engineer-in-charge

Date of signature of contractor or representative or his
authorized agent



Format Consent Letter
Dispute Resolution Clause- Para 2 ii (b)

To,
The Chairman/Member/Regional Executive Director,
Airports Authority of India,

SUB: Request for appointment of arbitrator under Clause _ of the _ agreement dated for _____

Sir/Madam,

I. We state that _____ (contractor/agency) was awarded work/ concession of at _'Airport/
(other location) of Airports Authority of India through Award Letter dated _.

2. Dispute related to _arose_ between us (contractor/agency) and AAI.

3. On (date), dispute was referred to Mediation as per AAI Mediation Policy and any settlement on the following claims/disputes was not reached between the parties:

(i) (ii) (iii)

4. A concise statement along with claim in respect of each of such disputes is attached herewith.

5. In view of the above, we invoke arbitration under clause of the _ agreement between us and AAI and as per proviso to Section-12(5) of the Arbitration & Conciliation Act, 1996, we hereby agree and request the Chairman/Member/Regional Executive Director AAI to appoint arbitrator from AAI 's panel of arbitrators.

6. II We also give my/ our consent for appointing any of an arbitrator from AAI''s approved panel of arbitrators, as per paragraph-5 above.

Thanking _____ you,

Authorized signatory of

Encl: As above



AIRPORTS AUTHORITY OF INDIA

[Format for opting Mediation in existing Agreements*]- Paragraph 06 of TI

From:

To

No. ____ Date: _

Reference: Agreement No. _____ for the work of. ____ Court Case
Number/ Arbitration between ____ & ____.

Subject: Request to refer the existing dispute for mediation through Medication Committee of
Independent Experts.

Sir,

Please refer the subject cited above. Vide agreement dated ____ for __ disputes arose
with regard to and the matter is pending for/yet to be referred for resolution/adjudication by Dispute
Resolution Committee/ Dispute Resolution Board/ Arbitrator/ court.

I/we, do hereby request the Airports Authority of India to refer our disputes/ ongoing dispute to MCIE
as per AAI Mediation Policy dated __ __ which are listed as under:

- i.
- ii.
- iii.

We undertake to abide by the terms and conditions of the said policy of AAI and would not question
any settlement, if arrived, through Mediation. All cost/expenses of mediation shall be borne equally with
the Accepting party.

It is consented that by referring the matter to mediation, dispute resolution through DRC/DRB under
clause of the agreement, is dispensed with.

Yours faithfully,

()

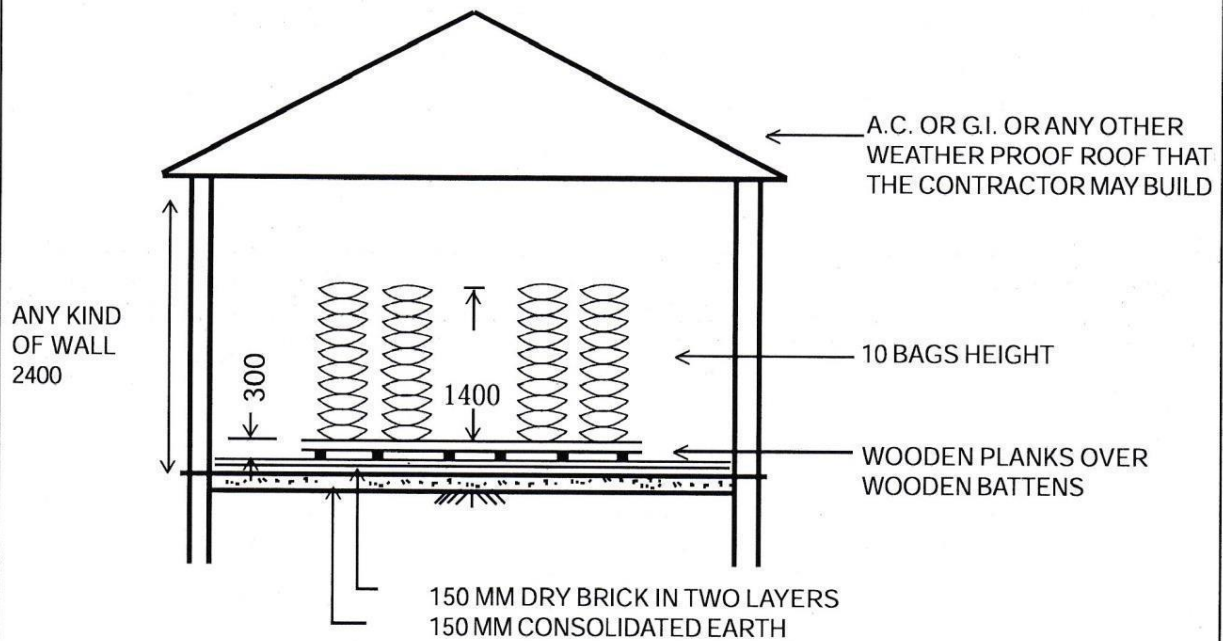
Authorized Representative of Requesting Party

Authorized Representative of Accepting Party

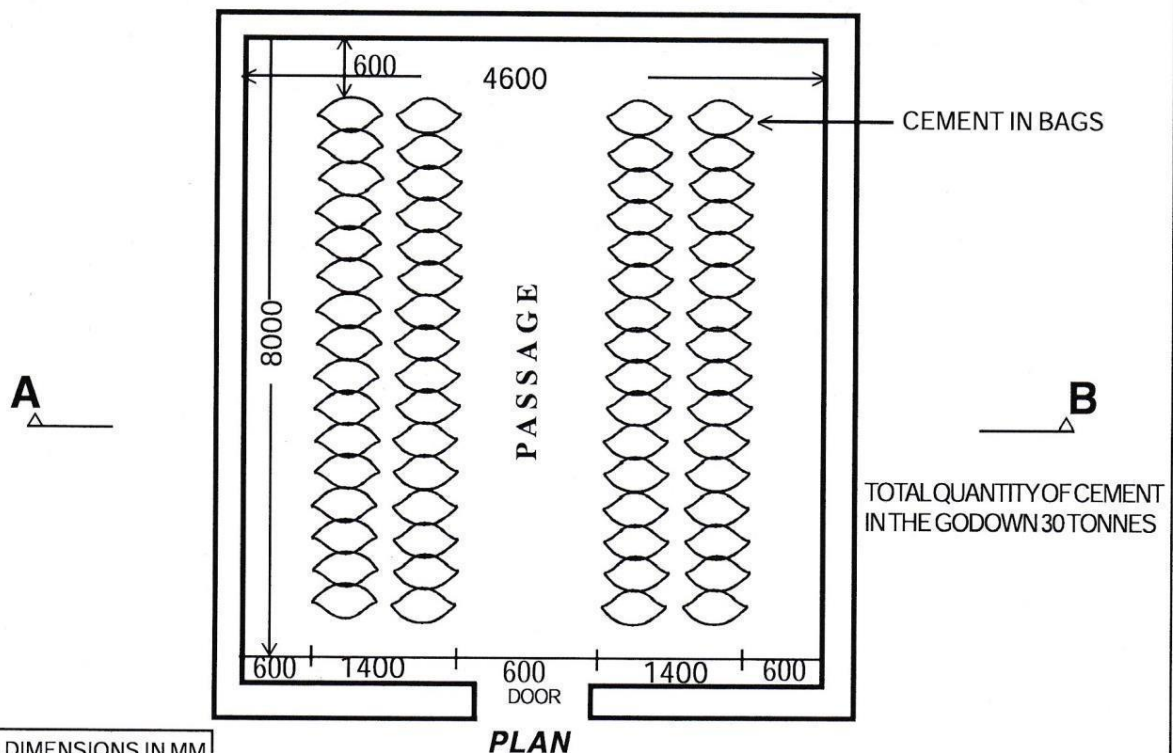
* This is a model format and suitable changes may be made as per requirements. Inapplicable part to be deleted



सीमेन्ट गोदाम का रेखाचित्र / SKETCH OF CEMENT GODOWN



SECTION AB



SCHEDULES

SCHEDULE `A`

All rates shall be quoted in the format provided and no other format is acceptable. The price bid has been given as a standard BOQ format at page no. **SOQ – 1 to SOQ – 5** with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the File name. If the BOQ file is found to be modified by the bidder, the bid will be rejected and EMD shall be forfeited.

SCHEDULE `B`

Schedule of materials to be issued to the contractor.

Sl. No.	Description of Item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of Issue
1	2	3	4	5
NOT APPLICABLE				



SCHEDULE `C`

Tools and plants to be hired to the contractor.

Sl. No.	Description	Hire charges per day	Place of Issue
1	2	3	4
NOT APPLICABLE			

SCHEDULE `D`

Extra schedule for specific requirements/ documents for the work, if any. ---- N/A ----

SCHEDULE `E`

Reference to General Condition of contract

1. Name of work: **Development of Children's park in AAI Residential Colony at Dibrugarh Airport. (SH: Redevelopment of Children's park, Outdoor gym, Running Track Flooring, Badminton Court Flooring at Dibrugarh Airport)**

i. Estimated cost of work: **Rs. 1,27,56,050.00**

ii. Earnest Money: **Rs. 3,82,682.00**

iii. Performance Guarantee: **Not Applicable**

iv. Security deposit: : 10% of contract value

SCHEDULE `F`

GENERAL RULES & DIRECTION

Officer inviting tender : Sr. Manager (E-C), AAI, Dibrugarh.

Definitions:

Office inviting tender : Sr. Manager (E-C), AAI, Dibrugarh.

2(v) Engineer-in-Charge : As per AAI's DOP.

2(vi)..Accepting Authority : As per AAI's DOP.



2(x) Percentage on cost materials &
Labour to cover all overheads &
Profits : 15%

2(xi) Standard schedule of rates : CPWD DSR 2023, with up to date correction slips as on
last date of submission of tenders & market rates.

2(xii) Department : AAI, Engineering

Clause 1

(i)	Time allowed for submission of ~~Performance Guarantee~~ and Additional Performance Guarantee from the date of issue of letter of Intent	30 days or time specified in L.O.I. whichever is earlier
(ii)	Maximum allowable period of extension	As per Clause-1 of GCC

Clause 2

	Authority for fixing compensation under Clause 2	As per DOP

Clause 2A

	Whether Clause 2A shall be applicable	Not Applicable

	Number of days from the date of issue of letter of acceptance for reckoning date of start	Ten (10) days

**Clause 5 Mile Stone(s) as per table given below:**

Sl No.	Time allowed in days (from date of start)	Description of Milestones (Physical)	Amount to be withheld in case of non-achievement of milestone
1	1/4th Time period (15%)	1/8th or (12.5%)	1% of Target Value
2	1/2nd Time period (35%)	3/8th or (37.5%)	2% of Target Value
3	3/4th Time period (75%)	3/4th or (75%)	4% of Target Value
4	Full Time period (100%)	Full or (100%)	5% of Target Value

Time allowed for execution of work: **06 (Six) months including 01 (One) month considered for rain.**

Authority to decide:

- (i) Extension of time : As per DOP
- (ii) Rescheduling of milestone : As per DOP/Works Manual
- (iii) Shifting of date of start in case of delay in handing over of site : As per DOP/Works Manual

Clause 6, 6A

Clause applicable – (6 or 6A) : **Clause 6A (computerized billing)**

Clause 7

Gross work to be done together with net payment/adjustment of advances for material collected, if any since the last such payment for being eligible to interim payment.	Minimum Rs. 30.00 Lakhs

Clause 10A**Testing equipment to be provided by the contractor at site lab**

All the Testing equipments required for conducting test for building/ pavement works as per CPWD, MoRTH, IRC and AAI specifications as applicable.

Clause 10 B(II)

Whether Clause 10B (II) shall be applicable	No.
Interest on Mobilization Advance	

Clause10 C:

Component of labour expressed as percent of value of work: 5%

Clause10 CA: DELETED

Clause 10 CC (applicable or not applicable): - Not applicable

Clause 10 CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column	18 Months

A. Construction Period-Not Applicable



Sl. No	Relevant component of Material/ Labour for price escalation	*Percentage against total value of work
1.	Cement component	-
2.	Labour component	-
3.	Civil Component of other Construction Materials	-
4.	E&M (Electrical and Mechanical i/c IT & Airport system) component of Construction Materials	-
5.	POL (Diesel) component	-
6.	Reinforcement steel bars/ TMT bars/ structural steels (including strands and cables) component	-
7.	Bitumen component	-
	Total	-

*% of components to be decided by NIT approving authority for particular tender.

**B. For operation & maintenance period-Not Applicable**

Sl. No	Relevant component of Material/ Labour for price escalation	*Percentage against total value of work
1.	Labour component	-
2.	Civil Component of other Construction Materials	-
3.	E&M (Electrical and Mechanical i/c IT & AS) component of Construction Materials	-
4.	Bitumen component (For Pavement work component)	-
	Total	100%

*% of components to be decided by NIT approving authority for particular tender.

Clause 11

Specification to be followed for execution of work	a) "CPWD Specification 2019, Vol. I to II with up to date correction slips, NBC Guidelines, MoRTH or other specification as applicable. b) Technical specification. c) Manufacturer's Specification.

Clause 12

12.2 & 12.3	Deviation limit beyond which clauses 12.2 & 12.3 shall apply for buildings, pavements and all other works above foundation level.	15% (Fifteen Percent)
12.5	Deviation limit beyond which clauses 12.2 & 12.3 shall apply for foundation work	100% (Hundred Percent)
	Overall Deviation i/c extra items, if any.	30% (Thirty Percent)

Clause 16

	Competent Authority for deciding reduced rates	DGM(E-C)/Jt.GM(E-C)

Clause 17

	Defects Liability Period	12 Months

Clause 18**Mandatory machinery tools & plants to be deployed by the contractor at site:**

To be provided as per NIT and other Machinery required for timely completion of work.

Clause 25**Place of Arbitration: Guwahati/New Delhi****Clause 36(i)****Requirement of Technical Representative(s) and recovery rate**

Sl. No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical representative)	Minimum Experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36
						Figures Rs.
1.	Diploma	Civil Engg	Technical Representative	1 years	1	Rs. 35000 Per Month

- a. Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers.
- b. Diploma holder with minimum 10 years relevant experience with a reputed construction company can be treated at par with Graduate Engineer for the purpose of such deployment subject to the condition that such diploma holder should not exceed 50% of requirement of degree engineers

Clause 37

License Fee for unpaved land: Free of cost but a security deposit at the rate of Rs. 500.00 per sqm in the form of DD/BG shall be deposited by the contractor.

Clause 41(b)

Integrity Pact applicable: Not Applicable

Clause 42

(i)	Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates	DSR 2023 printed by C.P.W.D with up-to-date correction slips till last date of submission of tender, technical specifications & BOQ.
(ii)	<u>Variations permissible on theoretical quantities</u>	
a.	Cement for works with estimated cost put to tender not more than Rs.5lakhs.	3% plus/minus
	For works with estimated cost put to tender more than Rs.5lakhs	2% plus/minus
b.	Steel Reinforcement and structural steel section for each diameter, section and category	2% plus/minus
c.	Bitumen	2.5% plus only & NIL on minus side
d.	All other materials	

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

Sl. No.	Description of items	Rates in figures and words at which recovery shall be made from the contractor	
		Excess beyond permissible variation	Less: use beyond the permissible variation*
1.	Cement		
2.	Steel reinforcement		
3.	Structural Sections		
4.	Bitumen issued free		
5.	Bitumen issued at stipulated fixed price		

* Provided work is considered technically sound. Otherwise work has to be re-executed as per direction of Engineer-in-charge

Clause 48

Escrow Account: Not applicable.



Annexure to clause 34 (x)

Annexure to clause 34 (x) showing quantities of materials for areas of surfacing to be considered for working out minimum period for which hire charges of road roller are to be recovered.

Sl. No.	Material of surfacing	Quantity or areas
1.	Consolidation of earth subgrade	1860 Sq.m
2.	Consolidation of stones soling 15 cm to 22.5 cm thick	170 Cu.m
3.	Consolidation of brick soling 10 cm to 20 cm thick	230 Cu.m
4.	Consolidation of wearing coat of stone ballast 7.5 cm to 11.5 cm thick	30 Cu.m
5.	Consolidation of wearing coat of brick ballast 10 cm thick	60 Cu.m
6.	Spreading and consolidation of red bajri 6mm	1860 Sq.m
7.	Painting one coat using stone aggregate 12.5mm nominal size	
	(a) @ 1.65 m3 per 100 m2 and paving bitumen A-90 or S-90 @ 2.25 Kg per m2 or	
	(b) @ 1.50 m3 per 100 m2 and bitumen emulsion or Road tar @2.25 Kg per m2	930 Sq.m.
8.	Painting two coats using	
	(a) For first coat, stone aggregate 12.5 mm nominal size	
	(i) @ 1.50 m3 per 100 m2 and paving bitumen A-90 or S-90@2 Kg per m2 or	
	(ii) @ 1.35 m3 per 100 m2 and bitumen emulsion @2 Kg per m2 600 Sq.m. or	
	(iii) @ 1.25 m3 per 100 m2 with road tar @2.25 Kg per m2	600 Sq.m.
	(b) For 2nd Coat, stone aggregate 10 mm nominal size 0.9 Cu.m. per 100 Sq.m with	
	(i) 1kg of paving bitumen A-90 or S-90 or bitumen emulsion per Sq.m. or	
	(ii) 1.25 Kg. of road tar, per Sq.m. 600 Sq.m.	600Sq.m.
9.	Re-painting with stone aggregate 10 mm nominal size 0.9 Cu.m. per 100 Sq.m. with	
	(i) 1kg of paving bitumen A-90 or S-90 per Sq.m; k or	
	(ii)1.25 kg of bitumen emulsion per Sq.m. 1670 Sq.m.	1670 Sq.m.

10.	2 cm premix carpet surfacing using 2.4 m ³ of stone aggregate 10 mm nominal size per 100 m ² and binder including tack coat, the binder being hot cut back bitumen or bitumen emulsion in specified quantities.	930 Sq.m
11.	2.5 cm premix carpet surfacing using 3 m ³ of stone aggregate 10 mm nominal size per 100 m ² and binder including tack coat, the binder being hot cut back bitumen or bitumen emulsion in specified Quantities.	930 Sq.m
12.	4 cm thick bitumen concrete surfacing using stone aggregate 3.8 Cu.m. (60%20mm nominal size and 40% 12.5 mm nominal size) per 100m ² and coarse sand 1.9 Cu.m. per 100m ² and hot cut back bitumen over a tack coat of hot cut back bitumen.	460 Sq.m.
13.	5 cm thick bitumen concrete surfacing using stone aggregate 4.8 Cu.m. (60%25 mm nominal size and 40% 20 mm nominal size) per 100m ² and coarse sand 2.4 Cu.m. per 100m ² and hot cut back bitumen over a tack coat of hot cut back bitumen.	370 Sq.m.
14.	6 cm thick bitumen concrete surfacing using stone aggregate 5.8 Cu.m. (60%40 mm nominal size and 40% 25 mm nominal size) per 100m ² and coarse sand 2.9 Cu.m. per 100m ² and hot cut back bitumen over a tack coat of hot cut back bitumen.	280 Sq.m.
15.	7.5 cm thick bitumen concrete surfacing using stone aggregate 7.3 Cu.m. (60%50 mm nominal size and 40% 40 mm nominal size) per 100m ² and coarse sand 3.65 Cu.m. per 100m ² and hot cut back bitumen over a tack coat of hot cut back bitumen.	230 Sq.m.
16.	2.5 cm bitumastic sheet using stone aggregate 1.65 Cu.m. (60% 12.5 mm nominal size 40% 10 mm nominal size) per 100 Sq.m. and coarse sand 1.65 Cu.m. per 100 Sq.m. and hot cut back bitumen over a tack coat of hot cut back bitumen.	750 Sq.m.
17.	4 cm bitumastic sheet, using stone aggregate 2.6 Cu.m. (60% 12.5 mm nominal size, 40% 10 mm nominal size) per 100 Sq.m. and coarse sand 2.5 Cu.m. per 100 Sq.m. and hot cut back bitumen over a tack coat of hot cut back bitumen.	560 Sq.m.
18.	Laying full grouted surface using stone aggregate 40 mm nominal size 6.10 Cu.m. per 100 Sq.m. with binder, binding with 20 mm to 12.5 mm nominal size stone grit. 1.83 Cu.m. per 100 Sq.m. and seal coat of binder and stone grit 10 mm nominal size, 1.07 Cu.m. per 100 Sq.m., the binder being hot bitumen or tar as specified.	460 Sq.m.
19.	Laying full grouted surface using stone aggregate 50 mm nominal size 9.14 Cu.m. per 100 Sq.m. with binder, binding with stone grit 20 mm to 12.5 mm nominal size 1.83 Cu.m. per 100 Sq.m. and seal coat of binder and stone grit 10 mm nominal size, 1.07 Cu.m. per 100 Sq.m., the binder being hot bitumen or tar,	370 Sq.m.
20.	4cm. thick premix macadam surfacing using stone aggregate 25 mm nominal size 4.57 Cu.m. per 100 Sq.m. and hot bitumin binding with stone aggregate 12.5 mm nominal size 1.52 Cu.m. per 100 Sq.m. and seal coat of hot bitumen and stone aggregate 10 mm nominal size 1.07 Cu.m. per 100 Sq.m.	560 Sq.m.
21.	5cm. thick premix macadam surfacing using stone aggregate 25 mm nominal size 6.10 Cu.m. per 100 Sq.m. and hot bitumen binding with stone aggregate 12.5 mm nominal size 1.52 Cu.m. per 100 Sq.m. and seal coat of hot bitumen and stone aggregate 10 mm nominal size 1.07 Cu.m. per 100 Sq.m.	460 Sq.m.

SPECIAL CONDITIONS OF CONTRACT (CIVIL WORKS)

1. GENERAL

- 1.1 Special conditions of Contract shall be read in conjunction with General Conditions of Contract, Technical Specifications, Drawings and any other documents forming part of this contract wherever the context so requires.
- 1.2 Notwithstanding the sub-division of the document into these separate sections and volume every part of each shall be deemed to be supplementary to and complementary of every other part and shall be read with and into the CONTRACT so far as it may be practicable to do so.
- 1.3 Where any portion of the General Condition of Contract is repugnant to or at variance with any provisions of the Special Conditions of Contract, unless a different intention appears, the provisions of the Specials Conditions of Contract shall be deemed to over-ride the provisions of the General Conditions of Contract and shall to the extent of such repugnancy, or variations, prevail.

2. COMPLETION SCHEDULE

- 2.1 Contractor shall have to plan his construction programme and activities so as to complete the work in the stipulated period by working in **multiple shifts**. Accordingly, Contractor to ensure adequate lighting arrangement (mobile tower) as per site requirement. The period of completion given includes the time required for mobilization as well as testing, rectifications, if any, re-testing and completion in all respects to the entire satisfaction of Engineer-in-Charge. ***Mobilization activities will include all the statutory clearances which are pre-requisite to the start the work.***
- 2.2 The contract or shall furnish within 15 days from the stipulated date of start of work. Programme showing the milestones, critical path, sequencing of activities etc. for completion of work within the stipulated time and as per conditions of the contract. The programme should clearly include Manpower, Material and Machinery, resources proposed to be deployed for achieving the targeted progress, justification for same based on machinery output, the date from which is machinery shall be available at site in working condition etc. complete. The programme shall be subject to the approval of Engineer-in- Charge who may order changes in the programme. The decision of Engineer- in-Charge shall be final and binding in this regard.
- 2.3 Contractor is expected to mobilize and deploy sufficient resources as per the agreed programme to achieve the progress within the broad frame work of accepted methods of working and safety. Timely deployment of required machineries, equipments, apparatus and instruments are to be treated as one of the sections of the work.
- 2.4 No additional payment shall be made to the contractor for any multiple shift of working or any other methods contemplated by him in his work schedule even though the time schedule is approved by the Engineer-in-Charge.
- 2.5 During the currency of the work the contractor is expected to adhere to the time schedule on mile stone and total completion and this adherence will be a part of Contractor's performance under the contract.
- 2.6 The Engineer-in-Charge can hold the payment till such time; the contractor does not submit the time schedule programme. The Contractor will be fully responsible to submit scheduled programme in consultation with Engineer-in-Charge to

complete the work within stipulated time.

3.1 FOR MONITORING OF PROJECT

- 3.1.1 The contractor shall submit the programme Network based on Critical Path Method to complete the work within stipulated time schedule.
- 3.1.2 The agency shall submit month wise details of manpower and machinery to be deployed for execution of work along with material procurement schedule for completion of work within stipulated period based on programme Networking. The progress will be reviewed monthly with respect to the programme/ Networking chart submitted by agency. Two copies of proposed network chart showing activities completed and backlog if any, should be submitted to the Engineer-in-Charge on fortnightly basis. The revised CPM chart with additional manpower/machinery/labour deployment schedule should also be submitted in case regular backlog is observed and revised programme is essential to complete the work within stipulated period.
- 3.1.3 The approval to the revised schedule resulting in a completion date beyond the stipulated date of completion shall not automatically amount to grant of extension of time to the Contractor.

3.2 PERFORMANCE

- 3.2.1 The contractor shall perform all works in substantial and acceptable manner in accordance with the plans and specification and in accordance with such further explanatory drawings, details and instructions as may from time to time be given by the Engineer-in-Charge. The work must be proceeded within such sections and such times as directed by the Engineer-in-Charge.
- 3.2.2 The contractor shall provide and do everything necessary for the proper execution of the works according to the true intent and meaning of the drawing and specification taken together the same may or not be particularly shown on the provided that the same can be reasonably inferred there from. Figured dimensions to be followed in preference to scale dimensions and all particulars to be taken from the actual work.
- 3.2.3 It must be clearly understood that the whole of the conditions is intended to be strictly enforced and that no extra changes in respect of extra work will be allowed unless they are clearly outside the spirit and meaning of the conditions or unless such works shall have been ordered in writing by the Engineer-in-Charge.

4.0 SCOPE OF WORK

The works includes execution of Civil work items as detailed in BOQ items as per CPWD specifications standards as detailed below:

- i. Redevelopment of children park at residential colony.
- ii. Supplying and Installation of Children park equipment and. outdoor gym equipment.
- iii. Provision for safety flooring made up of EPDM Plus SBR for Children park, Outdoor gym area and Indoor gym area.
- iv. Provision for BWF Approved PVC badminton Flooring, IAAF Certified Sandwich running track system, etc.
- v. Development of horticulture features and associated civil works.

which shall, unless otherwise specified also include compliance with supply of the following:

- a) General works such as setting out, clearance of site before setting out and clearance of works after completion.
- b) Samples of various materials proposed to be used on the work for conducting tests thereon is required as per the provisions of the contract.
- c) Any other item of the work which is not specifically provided in the Bill of Quantities but which is necessary for complying with the provisions of the contract.

5.0 DRAWINGS AND DOCUMENTS:

- 5.1 The Tender drawings/S.O.Q. accompanying the tender documents, if provided are indicative in nature and issued for tendering purpose with the purpose to enable the tenderer to make an offer in line with the requirements of the AAI.
- 5.2 The execution of work shall be as per the “Approved Drawings” and detailed specifications based on the requirement of the work. No claim whatsoever, shall be entertained for variation in the approved Good for construction drawings and tender drawings, if any.
- 5.3 Any minor drawing, pattern, layout, colour/shade, shape, orientation etc. required in connection with execution of the work shall be prepared and submitted by the contractor at his own cost for approval of the Engineer-In-Charge. Any such drawing etc. shall be prepared / vetted by the concerned expert like architect/consultant before submitting for acceptance whenever required. In case the contractor failed or delayed in submission of such drawing within the period specified by the Engineer-In-Charge, the same shall be prepared by AAI through other agency as decided by the Engineer-In-Charge and the cost of the same shall be recovered from the contractor’s due.

6.0 SCHEDULE/BILL OF QUANTITIES

The schedule of quantities (SOQ) or Bill of Quantities (BOQ) shall be read in conjunction with general conditions of contract, special conditions of contract, technical specifications viz., CPWD, AAI or Manufacturer whichever is applicable, drawings and any other document forming part of this tender. The quantities shown against the various items are only approximate and subject to variations as made in general conditions of the contract.

7.0 LICENSE FEE FOR LAND ALLOTTED BY AAI

- 7.1 “The contractor shall not be permitted to enter in (other than for inspection purpose) or take possession of the site until instructed to do so by the Engineer-in-charge in writing. The portion of the site to be occupied by the contractor shall be defined and/or marked on the site plan, failing, which these shall be indicated by the Engineer-in-charge at site and the contractor shall on no account be allowed to extend his operations beyond these areas. In respect of any land allotted to the contractor for purpose of or in connection with the contract, the contractor shall be issued a license subject to the following and such other terms and conditions as may be imposed by the license”:
 - i. *Land/space (Paved/unpaved/Covered-AC or Non-AC), to the extent allotted to contractors during execution of work for the purpose of installation of plants, labour camps, cement godown, site office, stacking of materials shall be provided at free of cost up to defect liability period/maintenance period. (Subject to availability of AAI land). A security deposit of Rs.500/Sqm in*

the form of Cash/DD/BG is also to be obtained from the contractor for this purpose. This security deposit can be released only after ensuring that allotted land has been vacated and Engineer-in-charge to certify this fact in the final bill. If contractor fails to vacate the allotted land/ space (Paved/ Unpaved/ Covered-AC/ Non-AC) after Defect Liability Period/ Maintenance Period of the work shall be charged as per prevailing license fee of the airport plus 25% penalty.

- ii. Land used for stacking of material to the extent available is, however, provided at free of cost, with the approval of Project/Airport-in-Charge. Land used for site office for AAI's use will be free of cost. The allotment of land for purpose of or in connection with the contract subject to the following and such other terms and conditions as may be imposed by the licensor.
 - iii. The use or occupation shall not confer any right to tenancy of the land to the contractor.
 - iv. That the contractors shall be liable to vacate the land on demand by the Engineer-in-Charge.
 - v. The contractor shall have no right to any construction over this land without the written permission of the Engineer-in-Charge. In case, he is allowed to construct any structure he shall have to demolish & clear the same before handing over the completed work unless agreed to the contrary.
- 7.2 The contractor shall provide, if necessary or if required on the site, all temporary access thereto and shall alter, adapt and maintain the same as required from time to time and shall take up and clear them away as and when no longer required and as and when ordered by the Engineer-in-Charge and make good all damage done to the Site.
- 7.3 **Land for Labour Camps:** *No Labour camps will be permitted within the operational area and the contractor shall make the necessary arrangements, at his own cost with prior approval of the Engineer-in-Charge in setting the camps outside operational area in AAI land at prescribed charges or at private land.*

8.0 TEMPORARY WORKS

- 8.1 The tenderer should see the approaches and conditions of the same. If any approach from main road is required at site or existing approach is to be made and maintained for cartage of materials etc. by the contractor, the same shall be provided, improved and maintained by the contractor at his own cost.
- 8.2 All temporary and ancillary works including enabling works connected with the work shall be responsibility of the contractor and the price quoted by them shall be deemed to have included the cost of such works which shall be removed by the contractor at his cost, immediately after completion of the work.
- 8.3 A store yard of minimum 4.5 mtr. x 3 mtr. shall be established by the Contractor at a suitable location as directed by the Engineer-In-Charge or his authorized representative within 30 days from the date of award of work. Land for construction of store yard shall be made available by AAI within the airport area.
- 8.4 In case any vacant room and store yard of AAI can be spared, same will be handed over to the contractor for use as store yard and he shall pay license fee as per current commercial rate of space in line with Departmental norms for use and occupation of the same.
- 8.5 Such use or occupation shall not confer any right of tenancy of the Land/Room/Store yard to the contractor.

- 8.6** The contractor shall be liable to vacate the occupied Land/Room/Store yard within 15 days on demand by the Engineer-In-Charge or his authorize representative. In case of establishment of store yard by the contractor at his own cost, he shall demolish the structure, remove the debris and vacate the occupied land within 15 days of the physical completion of the contract or within 15 days on demand by the Engineer-In-Charge whichever is earlier.
- 8.7** Where any existing store yard cannot be provided by AAI, the contractor shall construct a store yard at his own cost within 30 days from the date of award of work
- 8.8** The contractor shall construct the store yard as per site requirement and direction of Engineer-In- Charge
- 8.9** The contractor shall provide and display the informatory sign boards like “Work in Progress”, “Inconvenience cause is regretted” & “way finding” etc. with AAI logo as directed by Engineer-In-Charge. After completion of the work these shall be removed and taken away by the contractor. Cost of providing the barricades, signboards etc. shall be borne by the contractor and nothing extra shall be paid on this account.
- 8.10** Site clearance (as per the requirements) shall be arranged by the contractor at his own cost and nothing extra shall be payable on this account. All the salvageable materials received after demolitions, if any, are to be stacked properly and handed over to Engineer-in- Charge. These dismantled materials shall be the property of the Airports Authority of India.

"The compliance of safety issues during execution of work shall be the responsibility of the Contractor and the price quoted by them shall be deemed to have included the cost of all such works. Safety measures like Temporary filling with sand bags, Temporary marking, providing obstruction lights etc, are included. Cost for providing and bags including transportation filling, stitching, placing, removing etc, in accordance with the requirements along with the progress of work at different stage of execution etc. to meet the safety requirement as per guidelines and as per instructions of EIC, shall be borne by the Contractor and nothing shall be paid extra on this account. The sand bags /sand shall be removed and taken away by the Contractor at his cost after completion of the work."

9.0 PAYMENTS

The payment shall be made from the AAI Office at Dibrugarh through ERP/SAP system as per relevant clause of GCC.

For the work done by the agency, R/A bill are to be processed as per Schedule ‘F’ Clause-7. These bills shall be prepared based on joint measurements on a monthly intervals or prefixed date fixed by Engineer-in-charge. If the Contractor or his authorized representative does not present/associates for joint measurements, ex-parte measurements of the work done since previous bill shall be recorded by the Engineer-in-charge or his authorized representative for the purpose of bill/payments. The bills shall be submitted on the format prescribed by the Engineer-in-charge, through computerized billing in triplicate.

10.0 INCOME TAX and LABOUR CESS

- 10.1** Income Tax deductions shall be made from all payments made to the Contractor as per the rules and regulations in force in accordance with the Income Tax Act prevailing from time to time.
- 10.2** Labour Cess as per rules and regulations in force shall be deducted from the bills of the contractors and deposited with designated authorities.

11.0 ROYALTY ON MATERIALS

Royalty at the prevalent rates as per The Third Schedule of Assam Govt Notification No. PEM.130/2021/40 dated 07.10.2021 wherever payable, shall have to be paid by the contractor to the Head of Account as Notified by Assam Govt Notification No. PEM.130/2021/55 dated 16.12.2021 and documentary proof should be submitted to Engineer-in-charge wherever applicable. Failing do so will liable the AAI to withhold such amount with additional amount as deemed fit and the same shall be released only after submission documentary proof. However, if agency doesn't deposit amount till the end of contract, final bill not be prepared and suitable action will be taken as per decision of Engineer-in-charge

12.0 POWER SUPPLY

Contractor shall make his own arrangements for power supply for the execution of the work. However, if surplus power supply is available with AAI, power connection can be given to the agency on payment basis as per applicable per unit commercial rates and will be deducted from RA bill as per the receipt of consumption statement from concerned department. However, the cost to establish electric connection viz., the cost of meter and cables etc., shall be borne by the agency.

13.0 WATER

Contractor shall make his own arrangements for water supply for the execution of the work and his staff and workmen/labour. In the event of drawing water from AAI water lines, water charges @ 1% will be deducted from the payment bills.

14.0 CONTRACT AGREEMENT

14.1 The contract agreement shall be executed on a non-judicial stamp paper of value Rs.100/- to be provided by the Contractor.

14.2 Contractor's tender including the letters of clarifications between the contractor and the AAI prior to the award of contract shall form a part of the Contract Agreement to the extent they have been accepted by AAI.

15.0 SITE ORGANISATION

Subject to the provisions in the tender document and without prejudice to contractors' liabilities and responsibilities to provide adequate qualified and skilled personnel on the work, contractor shall also ensure site organization and augment the same as decided by the Engineer-in-Charge depending on the exigencies of work. No engineering personnel deployed at site shall be removed from the site without prior approval of the Engineer-in-charge.

16.0 CONSTRUCTION EQUIPMENT

The contractor shall without prejudice to his overall responsibility to execute and complete the work as per specifications and time schedule, progressively deploy/hire adequate equipment's, tools, tackles and augment the same as decided by the Engineer-in-Charge depending on the exigencies of the work so as to suit the construction schedule.

The construction equipment/vehicle deployed inside operational area shall be accompanied by an initial certificate of pavement/road – worthiness and fitness issued by the manufacturer. Subsequently, after expiry of the initial certificate, manufacturer or his authorized agency shall issue fitness certificate including servicing and calibration on yearly basis for the safe operation of the construction equipment in operational area.

Sl. No.	Equipment Description	No.	Recovery per Machinery Per Day
1	As per Programme chart Machinery deployment plan		500/-

NOTE:

1. A part from the Tools and Plants quantity shown above, contractor is required to deploy additional T&P as per mobilization plan approved by EIC to ensure timely completion of work. Any delay in deployment of machinery from proposed date of mobilization, the recovery as indicated above till receipt of equipment at site.
2. In the interest of progress of work, if early deployment of any machinery/equipment is desired by EIC then the contractor shall deploy the same as per the direction of EIC. For such early deployment no claim whatsoever shall be entertained. Concrete plant can be hired but location shall be within 30 km of range or as decided by EIC. In case of non-availability of site for installation of plant/ Computerized concrete batch Mix plant at AAI land the agency shall installed his own or tie up with the similar facility for concrete work.

17.0 Equipment's for night working:

- a) *The work to be executed in operationale area and in day and night schedule as per requirement of work plan. For proper execution, the work site shall be properly illuminated and arrangement shall be made by the contractor at his own expenses. Nothing extra shall be payable to contractor for working in night time.*

18.0 No Construction equipment shall be supplied by AAI.

Contractor has to arrange all the tools and plants required for the work **Subject** to the provisions in the tender document and without prejudice to contractors' liabilities and responsibilities to provide adequate qualified and skilled personnel on the work. Contractor shall ensure proper site organization and augment the same as decided by the engineer-in-charge depending on the exigencies of work. No engineering personnel deployed at site shall be removed from the site without prior approval of the engineer-in-charge.

19.0 WORKING IN RESTRICTED AREA AND RESTRICTED TIME

For the work to be carried out in restricted area, the Contractor shall have to coordinate with the AAI for locating T&P and stacking of materials etc. Nothing extra shall be paid to the Contractor on this account.

In case, it appears, at any stage that the project may not be completed within the stipulated period due to restricted working hours in day time, the contractor shall execute the work during the night as and when asked by the Engineer-in-Charge in writing. Nothing extra shall be payable to contractor for working in nighttime. For proper execution, the work site shall be properly illuminated and arrangement shall be made by the contractor at his own expenses.

20.0 FIELD LABORATORY & LIST OF EQUIPMENT:

- 20.1 The contractor/agency at his own cost shall set up a fully furnished and adequately equipped field laboratory at site as per requirement of work and maintain the same by providing adequate technical and upkeep staff. The laboratory should have office space for engineers to do testing and store for storage of samples. The remaining space shall be provided for the installation of equipment, laboratory tables and cupboards, working space for carrying out tests, besides a wash basin, toilet facility. Other tests if any shall be done in Govt. laboratory and nothing extra shall be payable to the contractor for testing charges.
- 20.2 In addition to tools, equipment's, apparatus and instruments as described in Technical Specification of items, if any additional tool equipment apparatus and instrument is required for laboratory and execution of work as per technical

specification of NIT the same shall be provided by contractor. Nothing extra shall be payable to contractor on this account.

- 20.3** The Engineer-In-Charge may at his discretion, check the test results obtained at contractor laboratory by independent tests at an approved laboratory. The cost of such material, transport, cost of testing etc. shall be borne by the contractor.

21.0 INSPECTION OF SITE AND TESTING

- i. The Engineer-in-Charge or his authorized representative shall have full power to inspect any portion of the work, examine the materials and workmanship at the contractor's works or at any other place from where the material is obtained. Acceptance of any material shall in no way relieve the contractor of his responsibility for meeting the requirement of the specifications.
- ii. The items of contract should be properly executed in line with CPWD Specification/Manufacturer's Specification or AAI specification. In order to ensure proper quality control of work, contractor shall ensure testing as per the frequency mentioned in CPWD/Manufacturer or AAI specifications. **Testing frequency of Material shall be as per CPWD specification.**
- iii. The various tests indicated in the specifications or as considered necessary by the Engineer-in-Charge or his authorized representative shall be carried out in the Laboratory approved by the Engineer-in-Charge. The Contractor shall bear the cost of the samples and testing charges. The results shall be final and binding on the contractor. Alternatively, contractor shall provide at his expenses all testing equipment and other facilities at the site which may be required for the purpose of carrying out field tests.
- iv. The Engineer-in-Charge may at his discretion, check the test results obtained at contractor's laboratory by independent tests at an approved laboratory. The cost of such material, transport, cost of testing etc. shall be borne by the contractor.
- v. All tools, instruments, Plants and labour/operator required for the test shall be provided by the contractor at his own cost. The contractor will establish a laboratory at site at his own cost within one month from the date of issue of work order. The testing facilities should be sufficient to do various routine test of work and as approved by Engineer-In-Charge.

22. ADMISSION TO SITE

The Airport belongs to **AAI, Dibrugarh** and the site of work falls in **Non-Operational (Residential Colony)**. The work timing shall be in accordance with the standards for working residential premises with limitation of noise work. The contractor is expected to finish the work before each break by adequate planning with suitable construction joints etc. as per the satisfaction of Engineer-in-Charge. ~~All men and Construction vehicles shall be permitted to enter the inside the operational area only on possession of the security passes issued by CSO subject to enrollment of contractor on E-sahaj portal. The processing of passes can take upto one weeks' time subject to all the relevant documents by Security section.~~

~~Accordingly, the contractor shall apply in writing in advance of the commencement of work for issue of security passes and shall submit a list of personnel concerned with their addresses and shall satisfy the Engineer in Charge who shall, at his discretion, have the right to the issue of passes to control the admission of contractor, his agents, his staff and workmen. The contractor shall ensure that his men shall work in~~

~~areas/zones allotted to them. Passes shall be deposited with the Engineer in Charge on demand and in any case immediately after completion of work. The contractor's staff/workmen shall observe all the rules promulgated from time to time by the concerned authorities such as prohibition of smoking & lighting, search of persons on entry and exit, keeping to specified routes etc. Any person found violating the security rules laid down by the authorities will be expelled from the area without assigning any reason whatsoever and contractor shall have no claim on this account. Nothing extra shall be payable by AAI on account of restricted due to non operational hours and in restricted working conditions.~~

~~For entry of any vehicle inside the airport operational area a separate temporary vehicle entry permit shall be issued, and the same will be charged as per AAI existing fee as applicable from time to time. Nothing extra shall be paid to contractor /agency on this account. Besides levying charges on entry of vehicles in operational area, it has been decided to levy charges on the issuance of Airfield Driving Permit (ADP) after according necessary training. The charges for issuance of ADP shall be as per rates prevalent at that time.~~

~~It may also be noted that, in addition to the aforesaid charges for vehicle permit, GST at the prevalent rate will also be charged as per the Govt. policy.~~

~~**Note: Security Clearance** The contractor shall apply for security clearance after the award of work. It is the responsibility of contractor to take security clearance from concerned department (AAI/BCAS) within required time frame (One month) as well as after security clearance, security programme shall also be approved from concerned department.~~

ISSUANCE OF VEHICLE PERMITS

~~Vehicle Entry Permit is required to be issued to vehicles which are required to operate on air side area.~~

Documents required:

- ~~✓ Notification from the employer/owner of vehicle regarding requirement of vehicle in operational area.~~
- ~~✓ Copy of Registration Certificate. Copy of Insurance policy of vehicle~~
- ~~✓—— Copy of Pollution check certificate of vehicle.~~

Vehicle inspection before issuance of Vehicle Entry Permit

~~The vehicle inspection is required to be carried out by safety officer before issuance of vehicle entry permit. The following aspects to be ensured:—~~

- ~~• Vehicle is in road worthy condition~~
- ~~• Obstacle lights in accordance with CAR wherever night operation/low visibility operations take place.~~

~~Vehicle marking ensured: logo of company/agency. Speed governors to restrict speed of vehicle.~~

23.0 STORES AND MATERIALS

- 23.1** No storage accommodation will be provided by AAI, Contractor shall make all such arrangements at his own cost to the satisfaction of Engineer-In-Charge.
- 23.2** All the store materials, equipment and machinery required for the satisfactory completion of the works shall be arranged by contractor from his own sources / open market. No claim whatsoever shall be entertained by the AAI on account of delay in either in providing the materials, arranging for plant, equipment and machinery or non-availability of the materials or equipment in the market. No Materials etc. shall be issued by AAI.
- 23.3** The contractor shall be allowed to install plants and machineries, store and stack the material and construct temporary hutments for labour during construction operation within Airport premises in non-operational area subject to availability of land. Location selected by Engineer-In-Charge shall be final and binding and nothing extra shall be payable to the contractor for any extra lead involved from the work site. Charges, if any will be levied for such temporary use of land by contractor for installation of plants, labour camp (if provided), Cement Go-down, Site Office etc. as per AAI norms. Land used for stacking of materials to the extent available is, however, shall be provided at free of cost, with the approval of project /Airport-in-charge. Necessary security deposit of the prevailing rate per sqm (as per AAI norms) in the form of Demand Draft is also required to be submitted by the Contractor for such temporary use of land. However, contractor has to vacate the Airport premises occupied for above said purpose immediately after completion of the work.
- 23.4** The materials such as Good Earth, Moorum, Coarse and Fine aggregate and other materials shall be brought to site only after approval of the quarry/source by the Engineer-In-Charge.
- 23.5** The contractor shall procure well in advance the necessary construction materials like cement, steel, bricks, sand etc. and stores like paint, door / window fittings, plumbing /sanitary fittings/fixtures, glass panels and so on which are to be incorporated in the woks to ensure prompt attendance of complaint and timely completion of each work. The materials shall be clearly entered into the Inventory/Material issue registers and subsequently be issued to agency during the progress of works. The GST Invoices of the control materials viz., Cement, steel, paint, bitumen shall be submitted to the office upon receipt of materials at site, however, the same is not limited to and can be extended for other important materials as instructed and sought by EIC or his authorized representatives.

24.0 STANDARD OF WORKMANSHIP

- 24.1** To determine the acceptable standard of workmanship, the contractor shall execute portion of the item of work as sample for approval of the engineer-in-charge, before taking up the actual execution of the particular item of work.
- 24.2** All works have to be carried out strictly as per standard contract specification and the drawings applicable to the contract. Any work found below specification and not as per drawing is liable to be rejected. However, if any work is below specification but is technically acceptable as per direction of Engineer-In-Charge, the same work will be considered for acceptance and will be paid at a reduced rate at the sole discretion of Engineer-In-Charge, and his decision will be final in this respect and no claim of the contractor will be entertained in this regard at any stage. The decision of the Engineer-In-Charge regarding rejection or acceptance of substandard work and its reduced rate payable shall be beyond the purview of the arbitration under clause 56 of the contract documents.

25.0 BYE-LAWS

- 25.1** The contractor shall comply with all bye-laws and regulations of local and statutory authorities having jurisdiction over the works and shall be responsible for payment of all fees and other charges and for giving and receiving of all necessary notices and keeping the engineer-in-charge, informed of the said compliance with the bye-laws, payments made, notices issued and received.
- 25.2** The contractor shall indemnify the AAI against all claims in respect of patent rights, design, trademarks of name or other protected rights in respect of any plant, Machine, work or materials used for or in connection with the work or temporary works and from and against all claims, demands proceedings, cost, charges and expenses whatsoever in respect of or in relation thereto. The contractor shall defend all actions arising from such claims and shall himself pay all royalties license fees, damages, costs and charges of all and every sort that may be legally incurred in respect thereto.

26.0 SITE PRECAUTIONS

- i.** Any materials or T & P etc. found lying outside the approved site by the Engineer-in-Charge shall be removed by the Engineer-in-Charge at the risk and cost of the contractor.
- ii.** With regard to construction safety measures, the contractor shall adhere to various Indian Standard Codes of Practice, requirements of Provincial Government and local Municipal Authority wherever the provisions of the latter two agencies shall be more stringent than the provisions of the former. When these codes do not exist, the contractor shall adhere to such safety measures as directed by the Engineer-in-Charge.
- iii.** The contractor shall, during construction, provide barricades, if necessary, at his own cost as per specifications prescribed by the Engineer-in-Charge to segregate the working area to ensure safety of all concerned.
- iv.** The contractor shall be responsible for any damage, resulting from his operations, either to buildings, structure, airport fixtures such as underground cable, contact lights, hard surface areas, water mains, other operational installations, Airport roads etc. The contractor shall restore, replace or repair any such damage to the complete satisfaction of the Engineer-in-Charge and in default the Engineer-in-Charge may cause the same to be made good by any other means and deduct the expenses from any sums due to contractor.
- v.** If on handing over the site or any time there after during the execution of the works the contractor considers that any drawing or information necessary for the execution of the work has not been provided, he has to inform the Engineer-in-charge in writing giving details.
- vi.** The Contractor shall have to co-ordinate with the Aerodrome Authority for locating T & P and stacking of materials etc. Nothing extra shall be paid to the contractor for all the above factor. No time extension shall be granted and nothing extra shall be payable by AAI on account of restriction due to non-operational hours and in restricted working conditions. The contractor shall adjust his labour, staff, plant, machinery etc. according to the requirements of work from time to time with particular regard to restricted working hours and no claim shall be entertained on account of idle labour, plant, machinery etc. due to any reason whatsoever.

27.0 CLOSING DAY'S WORK

27.1 After the closure of day's work, all equipment and stock piled materials must be confined to their allocated locations rather than spread around the airport premises. Any violation in this regard, will be penalized as per directions of Engineer-in-charge.

Work shall be closed at 2 hours' notice for VVIP movement and also other exigencies if directed by the Engineer-in-Charge. No compensation shall be entertained on this account from the contractor.

27.2 The contractor shall take all precautions to avoid accidents by exhibiting necessary day & night caution boards, speed limit boards, red flags, red lights, providing barriers and safety tapes. He shall be responsible for all damages and accidents caused due to negligence on his part. No hindrances shall be caused to traffic during execution of work.

27.3 No payment will be made to the contractor for damage caused by rains or other nature calamities during the execution of the works and no such claim on this account will be entertained.

27.4 The contractor shall remove the labour huts, temporary barricades etc. on completion of the work and leave the site in a neat and tidy state. The payment of final bill will be subject to the compliance of this condition by the contractor.

28.0 MATERIALS AT SITE

a) Materials brought to the site by the contractor shall be stored by the contractor in a safe/dry storage space. The contractor shall be responsible for safe custody of materials at site till such time; the installation is commissioned and handed over to the Engineer-in-Charge.

b) Cement Bags shall be stored in separate store under joint custody. Each godown shall be provide with a single door with two locks, the key of one of the locks shall remain with AAI Engineer-in-Charge of work and that of the other lock with the authorized agent of the contractor at the site of work so that the paint is removed from the godown according to the daily requirement with the knowledge of both parties and the account maintained in the prescribed Performa.

c) The contractor is required to submit the material purchasing invoice for cement, Lime, or any other aterial incorporated in work for which Engineer-in-Charge directs.

29.0 SITE CONDITIONS AND REQUIREMENTS.

a) The contractor shall be responsible for the true and proper setting out of the work and for the correctness of the position levels and dimensions and alignments of all parts of the works and for the provisions of all necessary applications and labour in connections therewith.

b) If any time during the progress of the work any error may appear to arise in the position, levels, dimension or alignments of any part of the work, the contractor on being required to do so by the Engineer-in-Charge shall at his own expense rectify such errors to the satisfaction of the Engineer-in-Charge.

c) The checking or any setting out of any line by the Engineer-in-Charge or his representative shall not relieve in any way the contractor of responsibility for the correctness thereof and shall carefully project and preserve all bench mark site rails, pegs and other things used in the set is out of work.

d) All duties concerning establishment of a set of bench marks permanent theodolite stations, center of pillars etc. for performing all the functions of us till the physical

completion of all items of the in question shall be carried out by the contractor at his own cost.

- e) He shall also keep proper record of such permanent bench marks established denoting therein their correct levels.
- f) The work establishing all such bench marks shall be carried out only by experience staff of the contractor with the help of precision instrument suitable for this type of work. The instruments shall be checked for their accuracy and for permanent adjustment before the commencement of the work and also frequent intervals during the progress of the work.
- g) All such bench marks established by the contractor shall be subjected to check and approval of the Engineer-in-Charge or duly representative and valuations noticed in the work as a result of improper establishment of maintenance of such bench marks shall be at the contractor's risk and expense.
- h) The contractor has to adjust his work and progress to work in co-ordination with other agencies working at site.
- i) For works below ground level the contractor shall keep that area free from water. If dewatering or bailing out of the water is required, the contractor shall do the same at his own cost and nothing extra shall be paid. Nothing extra shall be paid for execution of work in or under water and / or liquid mud including pumping out of water as required.
- j) During the execution of work contractor shall make necessary arrangement for pumping out water (Internal / External) from work site to avoid disturbance/ hindrance in the work. Necessary temporary arrangement to divert the running water (if required) shall be done by the contractor for timely completion of work. No extra payment shall be made for Pumping & diversion of water except for the item for supplying and placing in position to sand bags as per the schedule. Contractor should also ensure that, no flooding of water occurs inside or outside the operational area during the execution of the work.

30.0 SAFETY DEVICES TO FIELD ENGINEERS / TECHNICIANS / WORKERS AT SITE

The agency is also required to provide specific uniforms and safety devices to the manpower deployed on site for the as detailed below depending upon the site requirement:

- i. Safety helmets, retro reflective jackets and foot wears are to be provided for each of the workers.
- ii. Safety belts, protective Goggles, Hand gloves etc. are to be provided as per requirement and nature jobs.
- iii. Helmets shall be provided for contractor's & AAI Supervisor & visiting inspecting officials.

31. ARRANGEMENT TO BE MADE BY THE CONTRACTOR.

- 3.1 Necessary registers and stationery required for entering data, level books, Measurement books, bills and test results shall be provided by the contractor at his own cost as directed by the Engineer- in-Charge.
- 31.2 All tools and plants and equipment/apparatus and instruments required for laboratory and execution of the work as per Technical Specifications of the NIT are to be arranged at site.
- 31.3 The agency is also required to provide specific uniform, high visibility jacket and safety devices to the manpower deployed at site for the work as detailed below:
 - i) Safety helmets and foot wears are to be provided for the workers.

- ii) Safety belts, protective Goggles, Hand gloves etc., are to be provided as per requirement and nature of job.
 - iii) In case the agency fails to provide the safety devices as specified above an amount of Rs 200/- per head per day for safety device shall be debited to the contractors account.
- 31.4 Necessary registers, Store Ledger, level books (min 5 nos. each), Two pen drive of 16 GB and other stationeries like Xerox paper, pen, pencil, Cartridge of Printer, etc., required for entering data and test results etc., shall be provided by the contractor at his own cost as directed by the Engineering-In-Charge. Photographs of every stages of work as desired by the E.I.C or his authorized representative during execution of work shall be provided by the contractor at his own cost. If the contractor fails to provide the required items, within 24 hours on demand by the E.I.C or his authorized representative, the same shall be arranged by AAI and 3 times the actual expenditure shall be recovered from the Bill of the contractor.
- 31.6 Minimum tools and Plant need to carrying out the sampling work, shall be made available as per BIS norms.

32. NUISANCE

The Contractor shall not at any time do, cause or permit any nuisance on the Site or do anything which shall cause unnecessary disturbance or inconvenience to owners, tenants or occupiers of other properties near the Site and to the Public generally.

33. WATCHING AND LIGHTING:

The Contractor shall provide and maintain at his own expense all lights, guards, fencing and watching when and where necessary or required by the Engineer-in-Charge for the protection of the Works or for the safety and convenience of those employed on the Works.

34. DUTIES AND POWERS OF REPRESENTATIVES OF ENGINEER-IN-CHARGE

- 34.1 The duties of the representative of the Engineer-in-Charge are to watch and supervise the Works and to test and examine any materials to be used or workmanship employed in connection with the Works. He shall have no authority to order any work involving any extra payment by AAI nor to make any variation in the Works.
- 34.2 The Engineer-in-Charge may from time to time in writing delegate to his Representative any of the powers and authorities vested in the Engineer-in-Charge and shall furnish to the Contractor a copy of all such written delegation of powers and authorities. Any written instruction or written approval given by the Representative of the Engineer-in-Charge to the Contractor within the terms of such delegations shall bind the Contractor and AAI as if it had been given by the Engineer-in-Charge.
- 34.3 Failure of the Representative of the Engineer-in-Charge to disapprove any work or materials shall not prejudice the power of the Engineer-in-Charge thereafter to disapprove such work or materials and to order the pulling down, removal or breaking up thereof.
- 34.4 If the Contractor shall be dissatisfied with any decision of the Representative of the Engineer-in-Charge he shall be entitled to refer the matter to the Engineer-in-Charge who shall thereupon confirm, reverse or vary such decision.

35. WORK DURING NIGHT OR ON SUNDAYS AND HOLIDAYS:

Subject to any provisions to the contrary contained in the Contract, permanent works shall be carried out during night or on Sundays or on authorized holidays with the permission of the Engineer-in-Charge.

36.0 PRECAUTION DURING EXECUTION WORK

36.1 The site of entire work falls near the maneuvering area in Operational Area. Agency has to take necessary precaution to avoid any interruption to vehicle traffic, inconvenience to passenger or damage to the property.

36.2 The agency has to segregate the site from rest of the maneuvering area in such a way that the aesthetics of operational area remain maintained. In this regard decision of Engineer-in-charge will be final and binding to the contractor and nothing extra shall be paid for segregation of site from other area.

36.3 During working hours it shall be ensured by agency that there shall not be any inconvenience/ obstruction to the passengers and Airlines personal. It shall also be ensured by agency that there shall not be any interruption to the movement of vehicle/ buses/ trolleys etc.

37.0 Quantification of losses to AAI for deployment of Staff during unjustified period of delay.

The compensation during unjustified delay by the contractor, beside other losses if any, will be worked out on the basis of latest AAI guidelines.

38.0 NOISE AND VIBRATION

38.1 The amount of noise and vibration made within the Site is to be kept to a minimum that is within the permissible limits to be stipulated by the Engineer-in-Charge. For the purpose of compliance with the requirements of this section, the Contractor shall allow in his tender for carrying out excessively noisy or vibratory operations only during working hours to be designated by the Engineer-in-Charge.

38.2 Plants, tools and equipment with low noise and vibration emission shall be used for the Works wherever possible. Generators, compressors and other noise or vibration generating plant and machines.

38.3 The Contractor shall bear full responsibility for and indemnify the AAI against any claim or action in connection with noise, vibration nuisance and the like arising from the execution of the Works.

39.0 APPARTITIONING OF WORK

The Airports Authority of India reserves the right to appartition the work at different levels amongst not more than two contractors, by negotiations if necessary

40.0 Advisory: For Applicant and its BG Issuing Bank Branch.

It is to be noted that along with physical BG we have also activated an online facility to view the issued BG cover message transmitted to ICICI Bank through SFMS platform.

- For availability of BG in this platform, it is necessary that BG issuing/ amending bank send the BG advice in the form of message form at IFN760COV (BG Issuance)/ IFN 767COV (BG Amendment) via SFMS (Structured Financial Messaging System) as provided by RBI.
- In the event of BG issuing/ amending bank not sending the message IFN760COV/ IFN767COV or **committing any error while capturing the details at least in the below field, BG confirmation through online portal would not be updated.**

Request you to notify your bank (BG issuing bank) to update below details at time of submission of BG issuance/ amendment request to the irrespective banks:

BG advising message-IFN760COV/IFN767COV via SFMS

Bank

Details: -

CORPORATENAME : AIRPORTS AUTHORITY OF INDIA

BANKNAME : ICICIBANK

IFSC CODE : ICIC0000007

BGADVISINGMESSAGE :IFN760COV(BGISSUE)

IFN767COV(BGAMENDMENT)

Field Number : 7037

Unique Identifier Code : AAIDIBRUGHAR

Please note that the issuing bank while issuing/ amending the BG, should ensure that the above information is correctly captured in the message i.e. IFN760COV /IFN767COV.

The indicative request letter format as per **Appendix-XIA of GCC** to be sent to issuing bank for ensuring transmission of BGs through **SFMS**.

41.0 USE OF READY-MIX CONCRETE

- i) The contractor is allowed to use Ready Mix Concrete/Bitumen (RMC) from the batching plant as approved by the Engineer-in-Charge subjected to meeting Technical Specification of respective item. Also, the contractor can use admixture to increase the workability of the concrete. However, nothing shall be paid extra for using RMC, admixture and transportation to site of work in transit mixer for all leads etc., reason whatsoever. The concrete shall be paid in to the respective item.
- ii) In order to encourage use of flyash as per Govt. of India guidelines, Portland Pozzolana Cement (PPC) of approved grade shall be used for the work. It shall be ensured that the percentage of flyash is printed on each bag of cement (PPC) by the manufacturer. In case, it is not printed on each bag, a certificate from the PPC manufacturer indicating the same shall be obtained before allowing such cement in works.
- iii) In case OPC is used by the agency, Engineer-In-Charge may permit use of the same.
- iv) In case the contractor uses OPC, he must use 43 grade OPC. The contractor is allowed to use 53 grade OPC only in case of non-availability of 43 grade OPC wherever possible with prior approval of Engineer-In-Charge. However, nothing shall be paid extra to contractor on this account.

The contractor shall ensure that Mix design report from institute / approved laboratory is submitted to Engineer-in-charge of the work within 30 days of stipulated date of start of work. Consequent to receipt of mix design report the trial mix shall be carried out and finalized within 45 days of stipulated date of start of work. The contractor is fully responsible to give mix design report and establish an economical and workable mix design at field laboratory in consultation with AAI representative. The Engineer-in-charge of work will ensure that the mix design report received from approved laboratory/ Engineering College as per NIT conditions, is got approved from concerned GM of Project /work. The final approval of Engineer-in-charge in respect of Mix Design shall be Final and Binding to the contractor and work to be executed based on

approved mix design.

However, the mix design if available and approved at this office, the same will be provided to the contractor if requested and appropriate recovery will be made for mix design charge same as that of the respective Government Institution.

42.0 DIFFERENCE BETWEEN FIRST LOWEST BIDDER AND SECOND LOWEST BIDDER

Final bill will be worked out at the accepted tender rates and also with quoted rates of second lowest. The amount of final bill to be paid will be restricted to the lowest of the two. The contractor shall intimate his PF account code no. allotted by regional PF commissioner and ESI registration no. allotted by ESI Corporation after award of work and shall continue to have valid PF account code no. and ESI registration no. till actual completion of the contract.

43.0 PRICES (To be read with relevant clause of GCC)

43.1 The rates quoted shall be in Indian Rupees only and inclusive of cost of material, all taxes (except GST), duties, levies, labour cess, applicable customs duty in case of imported items, labour, tools & plants, packing, freight / transportation of items from factory upto the installation site, Octroi & insurance upto the site, loading, unloading and hoisting arrangement for installation, fee(s) for testing, inspection documents including the fee (s) payable for obtaining statutory license / approval etc. from concerned department.

43.2 However, GST, as applicable, shall be paid to the contractor, for any taxable supply/services/construction rendered by the agency to AAI, against a valid GST invoice as per terms and conditions of the contract.

43.3 Unless otherwise provided in the Schedule of quantities or in CPWD specifications or in tender document, the rates tendered by the contractor shall be all inclusive and shall apply to all heights, lifts, leads and depths of the building and nothing extra shall be payable to him on this account.

44.0 RECOVERIES/PENALTIES

44.1 Deployment of Technical Manpower: The engineers shall be deployed as per the approved program for execution of work/ site requirement. Recovery shall be as defined in **Schedule “F” Page GCC – 146**

44.2 Deployment of Plants and Machinery: The Plants and Machineries required for the works shall be deployed as per the approved program for execution of work/ site requirement. The program shall be approved by the Engineer-in-Charge. The recoveries shall be as defined in Para 16 enclosed in Special Conditions of Contract. The program shall be approved by the Engineer-in-Charge.

44.3 In case the agency fails to provide the safety devices as specified under Para 30 of Special Conditions of Contract, an amount of ₹ 200/- per head per day for safety devices shall be debited to the contractor's account.

44.4 The works diary shall be got printed by the contractor and also pages shall be machine numbered. Additional sheets should be also enclosed with each page so as to furnish any additional information. Work diary shall be signed by the Authorized representative of contractor as well as representative of Engineer-In-Charge on daily basis by presenting himself in the site office of Engineer-In-Charge. Failure to do so render agency liable to pay penalty @ ₹ 100/- per day for

each day of such lapses. In case of failure to do so, the details filled up by the AAI representative shall be treated as final.

- 44.5 The penalty amount depending on the seriousness of the offence/violation is as per **APPENDIX-XII (Page GCC-114-115)** In addition to this where the contravention of the regulation is felt to assume a proportion meriting penalty higher than as indicated in the **APPENDIX-XII (Page GCC-114-115)** up to the maximum enforceable penalty of Rs. 500/- (Rupees Five Hundred only) under the regulations, the case may be decided by Airport Director or his representatives.
- 44.6 However, these recoveries as stipulated above do not relieve the contractor to pay, levy of compensation for delay as per clause no. 2 of GCC, in case work is not completed within the stipulated time.

TECHNICAL SPECIFICATION (CIVIL)

PREAMBLE

These technical specifications shall be read in conjunction with the various other documents forming the contract, namely Notice Inviting Tender & Instructions to Tenderers, Conditions of Contract, Special Conditions of Contract, bill of Quantities and other related documents, together with any addendum issued thereto.

Absence of terms such as providing, supplying, laying, installing, fixing etc. in the description does not even remotely suggest that the contractor is absolved of such providing, supplying etc. unless an explicit stipulation is made in this contract. The owner shall bear no cost of materials, equipment's duties, taxes, royalties etc.

The classification of various items of work for purpose of measurements and payments shall be as per bills quantities (BOQ). Except where distinguishing by the BOQ, the rates apply to all heights, depths, sizes, shapes and locations. They also cater for all cuts and wastes.

The specifications may have been divided in different sections/sub-head for convenience only. They do not restrict any cross-reference. The contractor shall take in to account interrelations between various parts of works/trades. No claims shall be entertained on basis of compartment interpretations.

Any building work required as part of electrical and other installation shall be executed by the Contractor as directed under this contract.

The payment for excavation shall be made assuming a vertical cut at the end of PPC under the foundations. The bidder should build the cost of such extra excavations in his bid including any shoring, strutting, etc. for stabilizing and safety of the sides of excavation.

The Contractor shall prepare and submit as-built drawings by way of making modifications/changes carried out with respect to the construction drawings issued prior to the construction of respective elements. These will be then incorporated by the respective Consultant/agency in to their drawings for maintaining necessary records for the owner.

All materials intended to be used at site shall be tested prior to its use in an approved manner. The type tests and frequency of test will be done as per latest CPWD specification. Cost of all such test and any other tests felt necessary by the Engineer shall be deemed to be included in the price of respective materials quoted by the contractor. Any defective materials brought to site shall be returned without any extra cost for the same.

Performance tests shall be carried out at the discretion of Engineer on all/any items, of work as directed by the Engineer. Should any item shall fail to pass the tests, the Contractor shall be given opportunity to take corrective measures and have the same re– tested to the satisfaction of Engineer, he may at his sole discretion order dismantling of the whole or part of the works done and order the contractor to reconstruct the same. The cost of all these operations and materials shall be borne by the contractor without any extra claim.

The contractor may be special note of the strictness of the concrete mix to be adopted in items of the maximum water-cement ratio, minimum slump, control of total chloride and sulphate contents, use of admixture etc.

Minimum cement contents are given purely from durability point of view, larger contents shall have to provide if demanded by Mix-design.

Provision of cement slurry to create bond between plan/reinforced concrete surface and subsequent applied finishes (floor, plaster, dado, skirting etc.) shall not be paid extra. Mix design using smaller aggregate of 10 mm down shall also be done in advance for the using junction having congested reinforcement.

All full-fledged lab shall be established at site to start the construction and shall also stock all relevant codes as per the requirements of the special specifications.

Procedure of mixing the admixtures shall be strictly as per manufactures recommendations if not otherwise directed by the Engineer.

The batching plant of all concrete shall be used. Alternatively, use of ready -mix concrete for an approval source shall be permitted. Concrete shall be transported using concrete pumps of adequate capacity using necessary stand by.

All the water tanks and other liquids retaining concrete structures shall undergo hydro- testing as per special specifications.

Special benches shall be provided at site for stacking reinforcement bars of different size as per the specifications.

Form work for beams and RCC areas shall be designed in such a way that the form work of the adjacent slabs can be removed without disturbing the props/supports of the beams.

Whenever there is tension/suspended concrete members, which are suspended from upper level structure members, the shuttering/scaffolding of such members at lower level shall have to be kept in place till upper level supporting members gain minimum required strength. Cost of such larger durations of keeping in place the shuttering/scaffolding shall be deemed to be included in the price quoted for respective structural members.

In the mobilization period, Contractor shall carry out expeditiously and without delaying the following works:

- a) Material testing and mix design of concrete as contemplated in the specifications.
- b) Setting up site laboratory as per SCC.
- c) Any other pre-requisite item required for final execution.

The specifications for items to be executed under this contract shall be as per latest CPWD specifications and relevant IS code.

2.0 SCOPE OF WORK

The works includes execution of Civil work items as detailed in BOQ items as per CPWD specifications standards as detailed below:

- vi. Redevelopment of children park at residential colony.
- vii. Supplying and Installation of Children park equipment and. outdoor gym equipment.
- viii. Provision for safety flooring made up of EPDM Plus SBR for Children park, Outdoor gym area and Indoor gym area.
- ix. Provision for BWF Approved PVC badminton Flooring, IAAF Certified Sandwich running track system, etc.
- x. Development of horticulture features and associated civil works.

which shall, unless otherwise specified also include compliance with supply of the following:

- a) General works such as setting out, clearance of site before setting out and clearance of works after completion.
- b) Samples of various materials proposed to be used on the work for conducting tests thereon is required as per the provisions of the contract.
- c) Any other item of the work which is not specifically provided in the Bill of Quantities but which is necessary for complying with the provisions of the contract.

3.0 OBLIGATIONS OF THE CONTRACTOR

In order to ensure that the contract work is executed strictly in accordance with this Agreement and in time, the contractor shall have the following obligations at no extra cost to the Engineer-in-charge in addition to such other obligations and responsibilities as have been specified elsewhere in this contract.

- I. Fulfill all the Contractors labour regulation i.e. fair wages, display of notices regarding wages, payment of wages, labour records, attendance cards-cum-wage slips, labour welfare etc. as per standard practices and norms applicable at site.

All fossils, gold, silver, oil and other minerals, precious stones, coin, articles of value, of antiquity and structures and other remains/things of geological or archaeological interest discovered on the site of work shall be notified by the Contractor immediately to the Engineer-in-Charge for onward information to the concerned authorities.

The Contractor shall take all reasonable precaution to prevent his workmen or any other person from removing or damaging any such article(s) or thing (s) and protect the same till the removal as per the instructions of the Engineer-in-Charges.

Clearance of the site of all rubbish, debris, tanks, materials, temporary structures, plant and machinery, scaffoldings and filling of all pits, excavation and hand over the site in a duty and cleaned condition.

Opening up of covered work if instructed by the Engineer, if such covering was done before inspection by the Engineer or without permission/approval from the Engineer-in- Charge.

4.0 GENERAL

4.1 The works will be executed as indicated in the nomenclature of each item and technical specifications as per latest CPWD Specifications with up to date correction slip or as given hereunder as made applicable to this contract.

4.2 In the absence of any definite provision in the technical specifications contained herein, reference may be made to the latest CPWD, MOST/MORTH, IRC, ICAO, ASTM, Specifications, IS codes, Manufacturers specifications in that order. Wherever these are silent, the construction and completion of the works shall conform to sound engineering practice and in case of any dispute arising out of the interpretation of the above, the decision of the Engineer-in-Charge shall be final and binding on the Contractor.

4.3 In addition, the abbreviations CPWD, IRC, MOST, IS, BS, ICAO, ASTM, AASHTO shall be considered to have the following meaning:

CPWD : Central Public Works Department

IRC : Indian Road Congress

MOST	: Ministry of Shipping & Transport (Road Wing) Government of India
IS	: Indian Standard of the Bureau of Indian Standards
BS	: British Standard of the British Standard.
ICAO	: International Civil Aviation Organization.
ASTM	: American Standards of the American Society of Testing Materials.
AASHTO	: American Association of State Highway and Transportation Officials.
MoRT&H	: Ministry of Road Transport and Highways

4.4 All the codes of practice, standards and specifications applicable shall be latest editions with up to date correction slips etc. or as directed by the Engineer-in-charges.

5.0 TESTING

It is made clear that cost of testing, cost of material for testing, all field apparatus required for sampling and testing as per CPWD/IS code and manpower incident to such testing will be provided along with necessary transport arrangement to and fro to the approved testing agency or laboratory by the contractor during the construction phase of the work and defect liability period. The expenditure in this regard shall be borne by the

contractor and nothing extra shall be payable by AAI on this account. Field laboratory with all the required apparatus and staffs shall be established by the contractor t site of work at his cost for carrying out field tests at stipulated frequencies.

Any incidental additional requirement for execution of this item to the satisfaction of Engineer-in-charge shall also be treated as included in the item and nothing extra will be paid for such extra work.

6.0 FIELD LABORATORY

6.1 Refer Technical Specification of each item as mentioned below.

7.0 SUBMISSION AND APPROVAL OF PROPOSED FINISHED LEVELS AND PROFILE

There is provision to take spot levels specified in various item before commencement of that item. The contractor after taking complete spot levels shall submit the proposed finished levels and profile along with anticipated quantity of item(s) as per ICAO to Engineer-in-Charge for his approval. The contractor will revise the same, in case any modification is suggested by Engineer-in-Charge in finished levels/profile, before his approval. Nothing shall be paid extra on this account.

8.0 GENERAL LIST OF CODES, STANDARDS AND SPECIFICATIONS ADOPTED IN THE TENDER DOCUMENTS

8.01 The following IRC standards and IS, ASTM, British Standards, codes and CPWD Specifications have generally been adopted in the tender documents. The list however does not limit the use of any other relevant code or standards by the Engineer-in-charge solely at his direction either referred to in the tender documents or not, to achieve the desired quality of work. All the codes practice, standards and specifications applicable shall be latest edition with all correction slips, etc, or as

directed by the Engineer-in- charge.

NUMBER/DESIGNATION	TITLE
INDIAN STANDARDS	
IS: 383-1970	Coarse and fine aggregates from natural sources for concrete.
IS: 456-2000	Code of practice for plain and reinforced concrete.
IS :460-1985 (Part I to III)	Testing sieves
IS: 516-1959	Methods of test for strength of concrete.
IS: 1124-1974	Method of test for water absorption, apparent specific gravity and porosity apparent specific gravity and porosity of Natural Building stone.
IS: 1199-1959	Methods of sampling and analysis of concrete.
IS: 2386-1963	Methods of test for aggregate for concrete.
(Part-I)- 1963	Particle size and shape.
(Part-II)- 1963	Estimation of deleterious materials and organic impurities.
(Part-III)- 1963	Specific gravity, density, voids, absorption and bulking.
(Part-IV)- 1963	Mechanical properties.
(Part-V)- 1963	soundness
(Part-VI)- 1963	Measuring mortar making properties of fine
(Part-VII)- 1963	Alkali- Aggregate reactivity
(Part-VIII)- 1963	Petrography Examination
IS: 2720	Methods of tests for soils:
(Part-II)-1973	Determination of water content
(Part-III)-Section-I 1980	Determination of specific gravity, section I fine grained soils.
(Part-IV)-Section-II 1980	Determination of specific gravity fine medium and coarse-grained soils.
(Part-IV)-1985	Grain size analysis
(Part-V) -1985	Determination of liquid and plastic limit.
Part- VII -1980	Determination of water content dry density relation using light compaction.
Part- VIII- 1983	Determination of water content dry density relation using heavy compaction.
Part-XVI - 1987	Laboratory determination of CBR.
Part- XXVII- 1977	Determination of total soluble Sulphate.
Part- XXVIII- 1974	Determination of dry density of soils in place by the and replacement method.
Part- XXIX - 1975	Determination of dry density of soils in place by core cutter method.

IS: 5640-1970	Method of determining the aggregate impact value of soft coarse aggregate.
IS: 6241-1971	Method of test for determination of stripping value of road aggregate
IS: 8112-1989	43 grade ordinary Portland Cement.
IS: 1540-1 (1980)	Quicklime and hydrated lime for chemical industries, Part 1: Quick lime [CHD 1: Inorganic Chemicals]
IS: 9214 -1979	Method of determination of Modulus of Subgrade reaction (K-Value) of Soil in the field
IS: 12118-1987 (Part I &II)	Two parts polysulphide based sealants.
IS 1239-1 (2004):	Steel Tubes, Tubulars and Other Wrought Steel Fittings, Part 1: Steel Tubes (BI-LINGUAL) [MTD 19: Steel Tubes, Pipes and Fittings
EN 1176	Playground equipment and resurfacing: Part-I General safety requirements and Test methods
EN 16630:2015	Permanently installed outdoor fitness equipment - Safety requirements and test methods
IS 6869 (Part 4):1973	Specification for playground equipment for parks: Part IV jungle gyms (Or Castle Climbers)
IS 6869-1:1973 (Reaffirmed Year 2022):	Playground Equipment for Parks - Part I: General Requirements
IS 6869 (Part 2):1973:	Specification for play-ground equipment for parks: Part II horizontal bars
IS 6869 (Part 5):1973	Specification for playground equipment for parks: Part V parallel bars
IS 6869 (Part 6):2002:	Playground equipment for park - Specification: Part VI swings

Item-Wise Specification:

Item No. 30.1

Providing and fixing Children's play Multi-Play Station equipment including excavation, PCC/RCC foundation, anchoring, erection, alignment, fastening with all nuts, bolts and accessories, anti-corrosive treatment, painting/powder coating, curing, testing and commissioning complete in all respects as per manufacturer's specifications and direction of Engineer-in-Charge.

1. Scope of Work

The work shall include supply, transportation, unloading, erection, installation, testing and commissioning of children's play equipment complete in all respects including excavation, PCC, RCC foundations, anchoring, refilling, disposal of surplus earth, finishing and making the equipment ready for safe use.

2. Materials

2.1. General

The Multipurpose Children's Play System shall be designed, manufactured, supplied, installed, tested, and commissioned as a complete unit suitable for outdoor installation in a public park. The equipment shall be durable, weather-resistant, child-safe, and suitable for continuous outdoor use under Indian climatic conditions. The equipment shall be suitable for children aged 3-12 years with occasional load of adult as per applicable standards.

The entire play system shall conform to the latest applicable Indian Standards or internationally accepted standards for playground equipment and safety, including but not limited to IS, EN 1176, ASTM F1487, or equivalent standards.

2.2. Configuration

The play system shall comprise the following minimum components:

Sl. No.	Component	Quantity	Minimum Requirements
1	Elevated square platform with canopy	2 Nos.	Platform height: approximately 1.5 m above finished ground level
2	Elevated square platform with canopy	1 No.	Platform height: approximately 1.0 m above finished ground level
3	Straight/Plain bridge	2 Nos.	Approx. 2.4 m (L) × 1.0 m (W)
4	Wave slide	1 No.	Suitable for 1.5 m platform height
5	Spiral slide	1 No.	Suitable for 1.5 m platform height
6	Step ladder	1 No.	Safe access to elevated platform
7	Slide entry platform	1 No.	Compatible with slide arrangement
8	Decorative safety railing/panels	4 Nos.	Child-safe decorative panels
9	Decorative flags	3 Nos.	Weather-resistant
10	Overall Size		28 ft X 22 ft X 15 ft (Minimum)

2.3. Structural Frame

The structural framework shall be fabricated from hot-dip galvanized steel tubes or galvanized steel pipes of adequate diameter and wall thickness to safely withstand all anticipated static and dynamic loads.

All the structural members shall be manufactured from ISI-Marked GI 'B' Class pipes conforming to IS 1239 and other applicable standards. Main support posts shall be made from heavy duty GI Pipes of 114 mm

diameter with minimum 3.5 mm wall thickness. Secondary members shall be manufactured using GI Pipes of 90 mm, 75 mm, 50 mm or 25 mm as required by design.

All structural members shall be free from sharp edges, burrs, projections, or weld defects.

2.4. Platforms

Platforms shall be fabricated from anti-skid GI sheet supported with suitable structural frame made from ISA etc, coated metal, aluminium, or equivalent durable material.

Platform surfaces shall provide adequate slip resistance and drainage.

2.5. Slides

Slides shall be manufactured from UV-stabilized virgin LLDPE rotationally moulded plastic or other equivalent weather-resistant material as per approval of EIC.

The slide surfaces shall be smooth, free from joints or sharp edges, and designed for safe and comfortable use.

2.6. Bridges

Bridges shall be manufactured from durable outdoor-grade materials such as Metal, FRP, UV-stabilized plastic, or equivalent.

The bridge flooring shall be slip-resistant and designed to safely support children during use.

2.7. Ladder

The ladder shall provide safe access to the elevated platform and shall include anti-slip steps and suitable handholds. (minimum width 400 mm and depth 300 mm)

2.8. Railings and Panels

Protective railings and decorative panels shall be manufactured from Metal, UV-stabilized plastic, FRP, HDPE, or equivalent weather-resistant material.

The railings shall be designed to prevent accidental falls while maintaining adequate visibility.

2.9. Decorative Components

Decorative elements such as flags and thematic panels shall be manufactured from UV-stabilized weather-resistant materials suitable for outdoor exposure such as **LLDPE** etc.

2.10. Protective Finish

All exposed metallic components shall be corrosion-resistant through hot-dip galvanizing, powder coating, or an equivalent approved protective treatment.

Where powder coating is adopted, it shall be of exterior-grade polyester powder with lead free exterior grade paint such as Ackzonobel etc, with a minimum dry film thickness of 60 microns. All the metal component shall be thoroughly sand blasted and treated before coating.

The finish shall be smooth, uniform, UV-resistant, and free from cracks, peeling, blistering, or pinholes.

3. Civil works and Installation:

3.1 Excavation

- Excavation shall be carried out to required dimensions as per manufacturer's drawing.
- Foundation pits shall generally be not less than 300 mm × 300 mm × 450 mm deep or as recommended by the manufacturer.

3.2 Concrete

- Plain Cement Concrete (PCC) of grade M10 (1:4:8) may be provided as levelling course where required.
- Foundation concrete shall be RCC M20 grade or as recommended by the manufacturer.

3.3 Fixing of Posts

- Vertical posts shall be embedded in concrete foundations to the required depth (Min. 1.0 ft).
- Posts shall be checked for plumb before concreting.
- Concrete shall be compacted properly and cured for a minimum period of 7 days.

3.4 Backfilling

- After foundation curing, pits shall be backfilled with selected earth in layers and compacted.

3.5. Final Installation Requirements

- Equipment shall be installed strictly as per manufacturer's recommendations.
- All components shall be aligned properly and securely fastened.
- Moving parts shall operate smoothly without excessive play or vibration.
- Adequate clearance shall be maintained around each equipment for safe use.
- All the fasteners and nut & bolts shall be stainless steel or anti corrosive galvanized type.

3.6. Safety Requirements

- No sharp edges, burrs, projections or hazardous points shall remain after installation.
- All equipment shall be stable and capable of withstanding intended loads.
- Safety zones around equipment shall be maintained.
- Rubber mats/EPDM flooring/sand cushioning (where provided) shall be installed as per approved drawings (*To be paid in relevant item of BOQ*).

3.7. Inspection and Testing

The contractor shall:

- Check verticality and alignment of all equipment.
- Verify tightness of bolts and fasteners.
- Demonstrate proper functioning of moving components.
- Rectify all defects noticed during inspection at no extra cost.

4. Warranty

The complete play system shall carry a minimum comprehensive warranty of **Two (02) year** against defects in materials, workmanship, corrosion, structural failure, manufacturing defects, and installation defects from the date of successful commissioning.

5. Measurement

Measurement shall be made on a **per unit basis** for each item of playground equipment, complete with foundation, fixing, testing and commissioning.

6. Rate of Payment

Payment shall be made for each completed unit of equipment after satisfactory installation, testing and certification by the Engineer-in-Charge.



(Schematic Picture-1)



(Schematic Picture-2)
(Multi Play Station)

***Special Note:**

- i. The photographs, illustrations, sketches, or images included in this tender document are provided for indicative and reference purposes only to convey the general appearance, configuration, and intended functionality of the equipment.
- ii. The photographs shall not be construed as specifying any particular manufacturer, brand, model, proprietary design, or product. The Contractor may supply any equivalent equipment that fully complies with the technical specifications, functional requirements, quality standards, safety requirements, with proper approval of Engineer-in-charge.

- iii. *In the event of any discrepancy, inconsistency, or conflict between the photographs and the written technical specifications, the written technical specifications shall prevail and be binding. No claim for deviation, additional payment, or acceptance of non-conforming material shall be entertained on the basis of the reference photographs.*
- iv. *The Engineer-in-Charge reserves the right to verify the conformity of the offered equipment with the tender specifications and to reject any item that does not meet the specified technical, functional, quality, or safety requirements, irrespective of its resemblance to the reference photographs. Nonetheless, decision of Engineer-in-charge with regards to interpretation of BOQ Nomenclature, Technical Specification, Drawing etc. shall be final and binding on the contractor.*

Item No. 30.2 to 30.10

Providing and fixing children park's equipment including excavation, PCC/RCC foundation, anchoring, erection, alignment, fastening with all nuts, bolts and accessories, anti-corrosive treatment, painting/powder coating, curing, testing and commissioning complete in all respects as per manufacturer's specifications and direction of Engineer-in-Charge.

(i) Scope of Work

The work shall include supply, transportation, unloading, erection, installation, testing and commissioning of children's play equipment complete in all respects including excavation, PCC, RCC foundations, anchoring, refilling, disposal of surplus earth, finishing and making the equipment ready for safe use.

(ii). Materials & Installation:

A. ARCH CLIMBER

The Arch Climber shall be designed to encourage climbing, balance, coordination, and physical fitness while ensuring maximum safety and durability for outdoor use.

The equipment shall conform to the latest applicable Indian Standards or internationally accepted playground safety standards such as IS, EN 1176, ASTM F1487, or equivalent.

A.1 Dimensions

- Overall Length: Approximately **3.0–3.5 m**
- Overall Width: Approximately **0.7–1.2 m**
- Overall Height: Approximately **1.9–2.1 m**

A.2 Structure:

- The climbing frame shall be fabricated from heavy-duty galvanized steel tubes of adequate diameter and wall thickness to withstand anticipated static and dynamic loads. The frame shall possess sufficient rigidity without excessive deflection during use.
- All welded joints shall be smooth, continuous, and free from defects. All edges shall be rounded without sharp projections.
- Rungs shall be equally spaced to permit comfortable climbing by children.
- The spacing shall minimize the risk of head, neck, or limb entrapment.
- The main frame is to be made up of min. 32 mm NB GI pipe and cross members of 25 mm GI pipe



(Sample Pictures-1)



(Sample Picture-2)

B. **DOUBLE SEE-SAW**

The Double See-Saw shall be designed to accommodate simultaneous use by multiple children, providing safe and enjoyable recreational activity while ensuring durability under continuous outdoor use.

The equipment shall comply with the latest applicable Indian Standards or internationally accepted playground equipment safety standards such as IS, EN 1176, ASTM F1487, or equivalent.

B.1. **Dimensions**

- Overall Length: Approximately **3.0–4.0 m**
- Overall Width: Approximately **1.5–2.0 m**
- Overall Height: Approximately **0.8–1.0 m**
- Seat Height (**at rest**): Approximately **450–600 mm** above finished ground level.

Minor dimensional variations shall be acceptable provided the functional requirements and safety are not compromised.

B.2 **Structural Frame**

- The main supporting frame shall be fabricated from hot-dip galvanized steel tubes or galvanized steel pipes of adequate diameter and wall thickness to safely withstand all anticipated static and dynamic loads.
- The central support structure shall be robustly designed to ensure stability and smooth operation.
- All welded joints shall be continuous, smooth, and free from cracks, sharp edges, or other defects.
- The stand and bush bearing pipe to be made up of Min. 40 NB pipe. The support column shall be made from 60 mm pipe or jointed pipes with equivalent strength. Lever shall be made from min. 32 mm NB pipe handle shall be made from 20 mm NB GI Pipe.

B.3. **Pivot Mechanism**

- The see-saw shall incorporate a heavy-duty pivot assembly using sealed bearings, self-lubricating bushes, or equivalent maintenance-friendly mechanism to ensure smooth and noiseless operation.
- The pivot arrangement shall be designed to prevent excessive wear and provide long service life.

B.4. Seats

- Four ergonomically designed seats shall be provided, manufactured from UV-stabilized HDPE, rotationally moulded polyethylene, FRP, or other durable weather-resistant material.
- Each seat shall have rounded edges and a smooth finish to prevent injury.
- Each seating position shall be provided with suitably designed hand grips and footrests to ensure user stability and comfort during operation.
- Size of seat shall be around 250 mm x 250 mm (min)

B.5. Shock Absorption

- Suitable rubber, polyurethane, or equivalent resilient bumpers/stoppers shall be provided beneath each end of the beam to absorb impact and prevent direct contact with the ground.
- The shock-absorbing system shall minimize impact loads and enhance user safety.

B.6 Handle

- Powder-coated steel pipe with diameter upto 25-32 mm with continuous loop handle design with rounded grip.



(Sample Picture-1)



(Sample Picture-2)

C.) 2-Seater Swing

C.1 Scope

The work shall include the design, manufacture, supply, transportation, installation, testing, and commissioning of one outdoor **2-Seater Swing**, complete with all accessories, foundations, and fittings, suitable for installation in children's parks, schools, airports, and other public recreational areas.

C.2. General Requirements

The swing shall be designed for safe, comfortable, and durable outdoor use by children. The equipment shall be suitable for continuous operation under varying climatic conditions and shall conform to the latest applicable Indian Standards or internationally accepted playground equipment safety standards such as IS, EN 1176, ASTM F1487, or equivalent.

C.3. Dimensions

- Overall Height: Approximately **2.2–2.5 m**

- Overall Width: Approximately **2.5–3.5 m**
- Overall Depth: Approximately **1.5–2.0 m**
- Clear spacing between seats: Minimum **600 mm**
- Ground clearance of seat (at rest): Approximately **350–450 mm**

Minor dimensional variations shall be acceptable provided the safety, stability, and intended functionality are maintained.

C.4. Structural Frame

- The main frame shall be fabricated from hot-dip galvanized heavy steel tubes or galvanized steel pipes of adequate diameter and wall thickness to safely withstand anticipated static and dynamic loads. Leg support 40 mm and horizontal swing support 50 mm and pins 20 mm solid bar
- The frame shall be designed to provide adequate rigidity and stability under repeated use.
- All welded joints shall be continuous, smooth, and free from defects.
- All exposed edges and corners shall be rounded and free from burrs.
- The leg-stand and bush bearing pipe to made up of Min. 40 NB pipe. The support horizontal pipe shall be made from 50 mm pipe for support to swings chains. Lever shall be made from min. 32 mm NB pipe handle shall be made from 20 mm NB GI Pipe.

C.5. Swing Seats

- Two independent swing seats shall be provided.
- Seats shall be ergonomically designed and manufactured from UV-stabilized HDPE, rotationally moulded polyethylene, rubber coated, or other durable weather-resistant material.
- The seat edges shall be rounded and smooth to prevent injury.
- The seats shall be securely attached to the suspension system using suitable corrosion-resistant connectors.
- Minimum Size of Seat: - 450 mm x 300 mm

C.6. Suspension System

- Each swing shall be suspended using heavy-duty galvanized steel chains with protective covering such as plastisol coating etc., stainless steel hooks, reinforced ropes with steel core, or equivalent durable suspension system suitable for outdoor playground use. The chain shall be minimum made up of 6 mm chain links and should be coated with rubber or suitable material.
- The suspension assembly shall incorporate sealed bearings, self-lubricating bushes, or equivalent maintenance-friendly components to ensure smooth and quiet operation.
- The suspension shall be designed to prevent twisting, excessive wear, and accidental disengagement.



(Sample Pictures-1)



(Sample Picture-2)

D. Circular Swing

D.1 Scope

The work shall include the design, manufacture, supply, transportation, installation, testing, and commissioning of one outdoor **Circular Swing**, complete with all accessories, fittings, foundations, and hardware, suitable for installation in children's parks, schools, airports, and other public recreational areas.

D.2. General Requirements

The Circular Swing shall be designed to provide safe and comfortable recreational use by children. The equipment shall be suitable for continuous outdoor use under varying climatic conditions and shall conform to the latest applicable Indian Standards or internationally accepted playground equipment safety standards such as IS, EN 1176, ASTM F1487, or equivalent.

D.3. Dimensions

- Overall Height: Approximately **2.0–2.5 m**
- Overall Width: Approximately **2.5–3.5 m**
- Overall Depth: Approximately **1.8–2.5 m**
- Circular Swing Seat Diameter: Approximately **0.9–1.2 m**
- Ground Clearance of Swing Seat (at rest): Approximately **400–500 mm**

Minor dimensional variations shall be acceptable provided the safety, stability, and intended functionality are maintained.

D.4. Structural Frame

- The supporting frame shall be fabricated from hot-dip galvanized steel tubes or galvanized steel pipes of adequate diameter and wall thickness to safely withstand anticipated static and dynamic loads.
- The frame shall provide adequate rigidity and stability under repeated use.
- All welded joints shall be continuous, smooth, and free from visible defects.
- All exposed edges and corners shall be rounded and free from burrs.
- The leg stand support shall be made up of Min. 40 NB pipe. The support column shall be made from 50 mm pipe or jointed pipes with equivalent strength. Horizontal seat swing main frame shall be made from size ranging from 32 mm NB to 20 mm NB Pipe. Foot rest shall be made from Pipe 20 mm x 40 mm with minimum thickness 1.5 mm.

D.5. Circular Swing Seat

- The swing shall be provided with one circular (basket/nest) seat.

- The seat shall be manufactured from UV-stabilized reinforced rope, HDPE, rotationally moulded polyethylene, rubber, or other durable weather-resistant material suitable for outdoor playground use.
- The seat shall have a smooth finish and rounded edges to prevent injury.
- The design shall provide adequate support and comfort for the intended users.

D.6. Suspension System

- The swing seat shall be suspended using heavy-duty galvanized steel chains with protective covering, stainless steel chains, reinforced ropes with steel core, or an equivalent durable suspension system suitable for outdoor playground use.
- The suspension assembly shall incorporate sealed bearings, self-lubricating bushes, or equivalent maintenance-free components to ensure smooth and quiet operation.
- The suspension shall be securely connected to the frame using corrosion-resistant fittings designed to prevent accidental disengagement.



(Sample Pictures-1)



(Sample Picture-2)

E. Rock and Rope Climber

E.1 Scope

The work shall include the design, manufacture, supply, transportation, installation, testing, and commissioning of one outdoor **Rock and Rope Climber**, complete with all structural members, climbing panels, ropes, fittings, foundations, and accessories, suitable for installation in children's parks, schools, airports, and other public recreational areas.

E.2. General Requirements

The Rock and Rope Climber shall be designed to promote climbing skills, balance, coordination, agility, and physical fitness while ensuring maximum safety and durability for outdoor use.

The equipment shall conform to the latest applicable Indian Standards or internationally accepted playground equipment safety standards such as IS, EN 1176, ASTM F1487, or equivalent.

E.3. Dimensions

- Overall Length: Approximately **2.5–4.0 m**
- Overall Width: Approximately **1.5–2.5 m**
- Overall Height: Approximately **2.0–2.5 m**

Minor dimensional variations shall be acceptable provided the required safety, stability, and functionality are maintained.

E.4. Structural Frame

- The supporting frame shall be fabricated from hot-dip galvanized steel tubes or galvanized steel pipes of adequate diameter and wall thickness to safely withstand anticipated static and dynamic loads.
- The frame shall be designed to provide adequate rigidity and structural stability under repeated use.
- All welded joints shall be continuous, smooth, and free from visible defects.
- All exposed edges and corners shall be rounded and free from burrs.
- The vertical support pipes shall be made up of Min. 50 NB pipe. The top support pipe shall be made from 50 mm heavy duty pipe or jointed pipes with equivalent strength.

E.5. Rock Climbing Panel

- One or more climbing panels shall be provided, manufactured from High-Density Polyethylene (HDPE), Fibre Reinforced Plastic (FRP), weather-resistant composite material, or equivalent durable material suitable for outdoor playground use.
- The climbing panel shall be fitted with ergonomically designed climbing holds made of polymer composite, reinforced plastic, or equivalent weather-resistant material.
- The climbing holds shall be securely fixed and arranged to provide safe climbing routes appropriate for children.
- The panel surface shall be smooth, non-toxic, weather-resistant, and free from sharp edges.

E.6. Rope Climbing Assembly

- The rope climbing section shall be fabricated using UV-stabilized, high-strength synthetic ropes reinforced with steel core or equivalent durable construction suitable for outdoor playground applications.
- Rope joints shall be securely connected using corrosion-resistant connectors or moulded junctions to maintain structural integrity.
- The rope assembly shall remain taut during normal use and shall be designed to withstand repeated loading without excessive stretching or deformation.
- Rope shall be of minimum 18 mm dia. Fixed to frame with sufficient strength hooks



(Sample Pictures-1)



(Sample Picture-2)

F. 4-seater Go around

F.1 Scope

The work shall include the design, manufacture, supply, transportation, installation, testing, and commissioning of one outdoor **4-Seater Merry-Go-Round**, complete with all structural components, rotating mechanism, seats, foundations, accessories, and hardware, suitable for installation in children's parks, schools, airports, and other public recreational areas.

F.2. General Requirements

The Merry-Go-Round shall be designed to provide safe and enjoyable recreational activity for children through smooth rotational movement. The equipment shall be suitable for continuous outdoor use under varying climatic conditions.

The equipment shall conform to the latest applicable Indian Standards or internationally accepted playground equipment safety standards such as **IS, EN 1176, ASTM F1487**, or equivalent.

F.3. Dimensions

- **Overall Diameter:** Approximately **1.5 m – 2.0 m**.
- **Overall Height:** Approximately **1.0 m – 1.5 m**
- **Platform Height:** Approximately **0.75 m – 1.0 m** above finished ground level.
- **Seating Capacity:** **Four (4) children**.

Minor dimensional variations shall be acceptable provided the intended functionality, stability, and safety requirements are maintained.

F.4. Structural Frame

- The main frame and rotating platform shall be fabricated from hot-dip galvanized steel, galvanized steel pipes, structural steel sections, or equivalent corrosion-resistant material of adequate strength.
- The frame shall be constructed from either 12-gauge or 14-gauge galvanized iron pipes.

- The platform shall be designed to safely withstand anticipated static and dynamic loads without excessive deflection.
- All welded joints shall be continuous, smooth, and free from defects.
- All exposed edges and corners shall be rounded and free from sharp projections or burrs.
- The vertical support pipes shall be made up of Min. 80 NB pipe. The frame shall be made up of 25 mm GI pipe and 40 mm GI Pipe at the minimum
- All the structure shall be mounted on heavy duty bearing shaft. The bearing shall be permanently lubricated with water sealant.

F.5. Rotating Platform

- The platform shall have an anti-skid surface and adequate drainage to prevent water accumulation.
- The rotating assembly shall be balanced to ensure smooth, stable, and controlled operation.
- The platform shall be securely fixed to the central rotating mechanism.

F.6. Seats and Handrails

- Four ergonomically designed seats shall be provided at equal intervals around the platform.
- Seats shall be manufactured from UV-stabilized HDPE, rotationally moulded polyethylene, FRP, or other durable weather-resistant material.
- Each seating position shall be provided with securely fixed handrails or hand grips to ensure user safety during operation.
- All seating and hand-holding components shall have smooth surfaces and rounded edges.

F.7. Rotating Mechanism

- The Merry-Go-Round shall be provided with a heavy-duty central rotating mechanism incorporating sealed bearings, self-lubricating bushes, or equivalent maintenance-friendly components.
- The rotating mechanism shall ensure smooth, quiet, and controlled operation while minimizing wear.
- The assembly shall be protected against ingress of dust, water, and debris.



(Sample Pictures-1)

G. Jumbo Slide/Wave Slide

G.1 Scope

The work shall include the design, manufacture, supply, transportation, installation, testing, and commissioning of one outdoor **Jumbo/Wave Slide**, complete with access ladder, elevated platform, side guard panels, structural frame, foundations, accessories, and all necessary hardware, suitable for installation in children's parks, schools, airports, and other public recreational areas.

G.2. General Requirements

The Jumbo/Wave Slide shall be designed to provide safe and enjoyable recreational activity for children. The equipment shall be suitable for continuous outdoor use under varying climatic conditions.

The equipment shall conform to the latest applicable Indian Standards or internationally accepted playground equipment safety standards such as **IS, EN 1176, ASTM F1487**, or equivalent.

G.3. Dimensions

- Overall Height: Approximately **2.5–3.0 m**
- Platform Height: Approximately **1.8–2.1 m**
- Slide Length: Approximately **2.5–3.0m**
- Slide Width: **500 mm** (min.)
- Platform Size: **900 mm × 900 mm** (min.)

Minor dimensional variations shall be acceptable provided the intended functionality, safety, and performance are maintained.

G.4. Structural Frame

- The supporting frame shall be fabricated from hot-dip galvanized steel tubes or galvanized steel pipes of adequate diameter and wall thickness to safely withstand all anticipated static and dynamic loads.

- The structure shall be rigid, stable, and designed to resist deformation under repeated use.
- All welded joints shall be continuous, smooth, and free from defects.
- All exposed edges and corners shall be rounded and free from sharp projections or burrs.
- Intermediate support made up of suitable size of pipes, min 25 mm.
- Railing made up of 20 mm GI pipe (min) and ladder frame of 25 mm (min)

G.5. Slide Chute

- The slide chute shall have a wave profile and shall be manufactured from **UV-stabilized rotationally moulded polyethylene (LLDPE) or other equivalent weather-resistant material.**
- The sliding surface shall be smooth, seamless or properly jointed, and free from sharp edges, cracks, or surface irregularities.
- The slide shall incorporate adequately raised side walls throughout its length to prevent accidental falls during use.
- The exit section shall be designed to ensure a smooth and safe landing.

G.6. Platform

- The elevated platform shall be fabricated from anti-skid, weather-resistant material such as HDPE, FRP, coated steel, aluminium, or equivalent.
- The platform shall include adequate drainage provisions to prevent water accumulation.
- Guard panels or protective railings shall be provided on all open sides.

G.7. Access Ladder

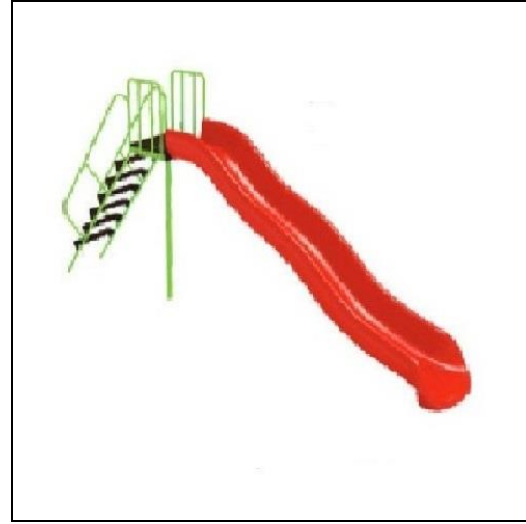
- Access to the platform shall be provided through a securely fixed ladder with anti-slip steps.
- Suitable handrails shall be provided on both sides to facilitate safe climbing.
- Step spacing shall be appropriate for the intended age group.
- Ladder steps shall be made from min. 25 mm NB diameter pipe. The ladder railing shall be made from min. 20 mm NB diameter pipe
- Ladder steps shall be made in a triangular shape from high strength GI Sheet of thickness 1.5 mm. The width of the step 900 mm and the distance between two steps is 250 mm.

G.8. Safety Panels and Handrails

- Protective side panels, guardrails, and handrails shall be manufactured from UV-stabilized HDPE, FRP, rotationally moulded plastic, or equivalent weather-resistant material.
- The design shall prevent falls and minimize the risk of head, neck, or limb entrapment.



(Sample Pictures-1)



(Sample Picture-2)

H. Standard Straight Slide

H.1 Scope

The work shall include the design, manufacture, supply, transportation, installation, testing, and commissioning of one outdoor **Standard Straight Slide**, complete with access ladder, elevated platform, guard panels, structural frame, foundations, accessories, and all necessary hardware, suitable for installation in children's parks, schools, airports, and other public recreational areas.

H.2. General Requirements

The Straight Slide shall be designed to provide safe and enjoyable recreational activity for children. The equipment shall be suitable for continuous outdoor use under varying climatic conditions.

The equipment shall conform to the latest applicable Indian Standards or internationally accepted playground equipment safety standards such as **IS, EN 1176, ASTM F1487**, or equivalent.

H.3. Dimensions

- Overall Height: Approximately **2.5–3.0 m**
- Platform Height: Approximately **1.8–2.1 m**
- Slide Length: Approximately **2.5–3.5 m**
- Slide Width: Minimum **500 mm**
- Platform Size: Minimum **900 mm × 900 mm**

Minor dimensional variations shall be acceptable provided the intended functionality, safety, and performance are maintained.

H.4. Structural Frame

- The supporting frame shall be fabricated from hot-dip galvanized steel tubes or galvanized steel pipes of adequate diameter and wall thickness to safely withstand all anticipated static and dynamic loads.
- The structure shall be rigid, stable, and designed to resist deformation under repeated use.
- All welded joints shall be continuous, smooth, and free from defects.
- All exposed edges and corners shall be rounded and free from sharp projections or burrs.

H.5. Slide Chute

- The slide chute shall be of **straight profile** and manufactured from **UV-stabilized rotationally moulded polyethylene (LLDPE), Fibre Reinforced Plastic (FRP), stainless steel, or other equivalent weather-resistant material.**
- The sliding surface shall be smooth, seamless or properly jointed, and free from cracks, sharp edges, or surface irregularities.
- Raised side walls shall be provided throughout the slide length to prevent accidental falls.
- The exit section shall provide a gradual and safe transition to the ground.

H.6. Platform

- The elevated platform shall be fabricated from anti-skid, weather-resistant material such as HDPE, FRP, coated steel, aluminium, or equivalent.
- The platform shall include drainage provisions to prevent water accumulation.
- Guard panels or protective railings shall be provided on all open sides except the slide entry.

H.7. Access Ladder

- Access to the platform shall be through a securely fixed ladder with anti-slip steps.
- Suitable handrails shall be provided on both sides.
- The ladder shall be designed to provide safe and comfortable access for the intended age group.

H.8. Guard Panels and Handrails

- Guard panels, handrails, and protective barriers shall be manufactured from UV-stabilized HDPE, FRP, rotationally moulded plastic, or equivalent weather-resistant material.
- The design shall minimize the risk of falls and prevent head, neck, or limb entrapment.



(Sample Pictures-1)



(Sample Picture-2)

I. Pony Rocker

I.1 Scope

The work shall include the design, manufacture, supply, transportation, installation, testing, and commissioning of one outdoor **Pony Rocker (Spring Rocker)** complete with rocker body, heavy-duty spring assembly, support frame, foundations, accessories, and all necessary hardware, suitable for installation in children's parks, schools, airports, and other public recreational areas.

I.2. General Requirements

The Pony Rocker shall be designed to provide safe rocking motion for children while promoting balance, coordination, and motor skills. The equipment shall be suitable for continuous outdoor use under varying climatic conditions.

The equipment shall conform to the latest applicable Indian Standards or internationally accepted playground equipment safety standards such as **IS, EN 1176, ASTM F1487**, or equivalent.

I.3. Dimensions

- Overall Height: Approximately **0.8–1.2 m**
 - Overall Length: Approximately **0.8–1.2 m**
 - Overall Width: Approximately **0.3–0.6 m**
 - Seat Height: Approximately **450–600 mm** above finished ground level.
- Minor dimensional variations shall be acceptable provided the intended functionality, stability, and safety requirements are maintained.

I.4. Rocker Body

- The rocker body shall be ergonomically designed in the shape of a pony or an equivalent child-friendly theme.
- The body shall be manufactured from **UV-stabilized HDPE, rotationally moulded polyethylene, FRP, reinforced composite material, or equivalent durable weather-resistant material.**
- The body shall have smooth surfaces, rounded edges, and shall be free from sharp projections or burrs.

I.5. Spring Assembly

- The rocker shall be mounted on a heavy-duty, high-strength steel spring specifically designed for playground equipment.
- The spring shall provide smooth, controlled rocking motion without excessive deflection or instability.
- The spring shall be corrosion-resistant through galvanizing, protective coating, or equivalent treatment.
- The spring assembly shall include suitable safety covers or protective arrangements to minimize the risk of finger or foot entrapment.

I.6. Handgrips and Footrests

- Ergonomically designed handgrips and footrests shall be securely fixed to the rocker body.
- Handgrips and footrests shall be manufactured from durable, non-toxic, weather-resistant materials with non-slip surfaces.
- Hand grip pipe shall be made up of minimum 15 mm NB pipe. Foot rest pipe shall be made up of 40 mm GI Pipe
- The arrangement shall provide secure support for the intended users during operation.



(Sample Pictures-1)



(Sample Picture-2)



(Sample Picture-3)

(iii) Measurement

Measurement shall be made on a **per unit basis** for each item of playground equipment, complete with foundation, fixing, testing and commissioning.

(iv) Rate of Payment

Payment shall be made for each completed unit of equipment after satisfactory installation, testing and certification by the Engineer-in-Charge. However, considering the weight of supply and installation, Contractor will be eligible for payment at the rate of 70% of quoted rate after supply of materials and rest after installation.

General Requirement for All the above Childrens' park equipment:

1. *The successful bidder shall submit makes and specification of three manufacturer within a price range of 10%, thereafter Engineer-in-charge will approve either one of three and decision of the EIC shall be final and binding on the contractor. Engineer-in-charge may ask for resubmission of makes subject to availability of superior makes in market within a price range. It will be construed that the rate quoted by the agency is for superior make available in the market.*
2. *The contractor will also submit two sets of plan layout of equipment along with safety flooring, layout of internal roads, space for horticulture beautification all comprehensive. The agency shall consider a minimum safety zone of 1.8 m around the equipments while planning layout. Engineer-in-charge will approve any of the layout*

and the contractor will be obliged to execute the approved plan as per list contained in BOQ.

3. The successful bidders shall take approval of Engineer-in-charge for particular OEM for above equipment for which the OEM shall submit following documents:

- (i) OEM Certificate for compliance of (a) EN 16630 European standards for general safety requirements for manufacture, installation, inspection and maintenance (b) OHSAS 18001:2007 Standard for occupational health and safety Management system**
- (ii) OEM-Bidder Agreement for supply of equipment for this project after approval of OEM**

4. Protective Finish

- All metallic components shall be protected against corrosion by hot-dip galvanizing, powder coating, or an equivalent approved protective treatment.
- Where powder coating is adopted, it shall be exterior-grade polyester powder with a minimum dry film thickness of **60 microns**.
- The finish shall be UV-resistant, weather-resistant, smooth, and free from peeling, blistering, cracks, or pinholes.

5. Fasteners

- All nuts, bolts, washers, connectors, and fixing hardware shall be stainless steel 304 or suitably corrosion-resistant
- Accessible fasteners shall be recessed or provided with tamper-resistant protective caps.

5. Installation

Installation shall be carried out in accordance with the manufacturer's recommendations and approved drawings. The equipment shall be rigidly secured in the foundation through cross angle arrangement or as suitable.

Upon completion, the equipment shall be inspected for alignment, secure anchoring, smooth rocking action, and overall safety before being put into service.

6. Sampling and Testing

All children's play equipment, safety surfacing, connectors, fasteners, chains, bearings, HDPE panels, FRP components, rubber seats, ropes, coatings, and structural steel members shall conform to the relevant Indian Standards (IS) or equivalent international standards wherever applicable. The successful bidder shall submit original manufacturer's Test Certificates (MTC), product conformity certificates, and laboratory test reports from NABL-accredited laboratories before commencement of installation. The Engineer-in-Charge shall have the right to draw random samples of any material or completed equipment from the site or manufacturer's premises for independent testing at any NABL-accredited laboratory. The contractor shall provide all assistance for sampling, transportation, testing, and inspection without any additional cost to the department. In case any material or equipment fails to satisfy the specified requirements, the entire lot represented by the sample shall be rejected and replaced by the contractor at his own cost. The contractor shall also bear all expenses incurred towards repeat sampling and testing. Final acceptance of the playground equipment shall be subject to satisfactory test results, dimensional verification, functional performance, safety inspection, and certification of compliance with the applicable IS standards.

7. Warranty

The complete system of children's park equipment shall carry a minimum **Two (02) years** comprehensive warranty against defects in materials, workmanship, corrosion, structural failure,

manufacturing defects, spring failure, and installation defects from the date of successful commissioning. For such warranty, the agency will execute warranty bond for a period of 2 yrs. The agency shall submit warranty certificate from OEM regarding their acceptance of responsibility of supply, installation and comprehensive maintenance of facilities during the entire warranty period of 2 yrs.

On account of such warranty, an amount equivalent to 10% of the value of equipment will be withheld for an additional period of 1 year after defect liability period. The amount can be released upon the submission of Bank Guarantee from Nationalised Commercial Bank with a validity of 6 months from the last date of validity of warranty period.

Item No. 31

Providing and fixing Outdoor Gym equipment including excavation, PCC/RCC foundation, anchoring, erection, alignment, fastening with all nuts, bolts and accessories, anti-corrosive treatment, painting/powder coating, curing, testing and commissioning complete in all respects as per manufacturer's specifications and direction of Engineer-in-Charge

(i) Scope of Work

The work shall include supply, transportation, unloading, erection, installation, testing and commissioning of **Outdoor Gym equipment** complete in all respects including excavation, PCC, RCC foundations, anchoring, refilling, disposal of surplus earth, finishing and making the equipment ready for safe use.

(ii). Materials & Installation:

A. Parallel Bar

A.1. Scope

The work shall include the design, manufacture, supply, transportation, installation, testing, and commissioning of one **Outdoor Parallel Bar**, complete with structural frame, parallel bars, foundations, accessories, and all necessary hardware, suitable for installation in parks, schools, airports, public recreational areas, and outdoor fitness zones.

A.2. General Requirements

The Parallel Bar shall be designed for physical exercise, balance training, upper body strengthening, and rehabilitation activities. The equipment shall be suitable for continuous outdoor use under varying climatic conditions.

The equipment shall conform to the latest applicable Indian Standards or internationally accepted standards for outdoor fitness/playground equipment, such as **IS, EN 16630, EN 1176, ASTM**, or equivalent.

A.3. Dimensions

- Overall Length: Approximately **2.5–3.0 m**
- Width between Bars: Approximately **250–300 mm**
- Height of Bars: Approximately **1.7–1.8 m** above finished ground level

Minor dimensional variations shall be acceptable provided the intended functionality, ergonomics, and safety requirements are maintained.

A.4. Structural Frame

- The supporting posts and parallel bars shall be fabricated from hot-dip galvanized steel tubes or galvanized steel pipes of adequate diameter and wall thickness to safely withstand anticipated static and dynamic loads.

- The structure shall be rigid, stable, and capable of supporting repeated use without excessive deflection or deformation.
- All welded joints shall be continuous, smooth, and free from visible defects.
- All exposed edges and corners shall be rounded and free from burrs or sharp projections.
- Double bar Handrail pipe should be minimum 32 mm NB heavy duty pipe

Tentative Minimum Size of members

- Centre pipe support.: -100mm NB, single pipe or equivalent strength
- Foundation main pipe.: -80mm NB
- Handle frame support.: -50mm NB
- Pedal link.: -40mm NB
- Handle frame.: -32mm NB
- Handle grip duly bend: - 25mm NB
- Foot rest: - 245 x 113 x 2.8mm

A.5. Parallel Bars

- Two parallel horizontal bars shall be provided, fixed rigidly and maintained parallel throughout their length.
- The bars shall have a smooth, non-slip finish suitable for comfortable hand grip.
- The diameter of the bars shall be ergonomically designed to ensure a secure grip for the intended users.



(Sample picture-1)



(Sample picture-2)

B. Double Sit-Up Board

1. Scope

The work shall include the design, manufacture, supply, transportation, installation, testing, and commissioning of one **Double Sit-Up Board**, complete with structural frame, exercise boards, foot support assemblies, foundations, accessories, and all necessary hardware, suitable for installation in parks, schools, airports, public recreational areas, and outdoor fitness zones.

2. General Requirements

The Double Sit-Up Board shall be designed for abdominal and core muscle strengthening exercises by two users simultaneously. The equipment shall be suitable for continuous outdoor use under varying climatic conditions.

The equipment shall conform to the latest applicable Indian Standards or internationally accepted standards for outdoor fitness equipment, such as **IS, EN 16630, ASTM**, or equivalent.

3. Dimensions

- Overall Length: Approximately **1.7-2.0 m**
- Overall Width: Approximately **1.2–1.5 m**
- Overall Height: Approximately **0.6-0.8 m**
- Number of Exercise Stations: **Two (2)**

Minor dimensional variations shall be acceptable provided the intended functionality, ergonomics, and safety requirements are maintained.

4. Structural Frame

- The supporting frame shall be fabricated from hot-dip galvanized steel tubes or galvanized steel pipes of adequate diameter and wall thickness to safely withstand anticipated static and dynamic loads.
- The frame shall provide adequate rigidity and stability under repeated use.
- All welded joints shall be continuous, smooth, and free from visible defects.
- All exposed edges and corners shall be rounded and free from burrs or sharp projections.

Tentative Minimum Size of members

- Centre pipe support.: -100mm NB, single pipe or equivalent strength
- Foundation main pipe.: -80mm NB
- Handle frame support.: -50mm NB
- Pedal link.: -40mm NB
- Handle frame.: -32mm NB
- Handle grip duly bend: - 25mm NB
- Foot rest: - 245 x 113 x 2.8mm

5. Exercise Boards

- Two inclined exercise boards shall be provided for simultaneous use.
- The boards shall be manufactured from anti-skid, weather-resistant materials such as HDPE, FRP, aluminium, coated steel, or equivalent durable material.
- The board surfaces shall be smooth, non-slip, and resistant to moisture, UV exposure, and wear.
- The inclination shall be ergonomically designed for comfortable and safe exercise.

6. Foot Support Assembly

- Each exercise station shall be provided with securely fixed foot support bars or rollers to assist users during sit-up exercises.
- Foot supports shall be ergonomically positioned and constructed from corrosion-resistant materials.
- Where rollers are provided, they shall be made of durable, weather-resistant material with a comfortable surface finish



(Sample picture -1)



(Sample picture -2)

C. Triple Standing Twister

C.1 Scope

The work shall include the design, manufacture, supply, transportation, installation, testing, and commissioning of one **Triple Standing Twister**, complete with structural frame, three rotating platforms, hand support assembly, foundations, accessories, and all necessary hardware, suitable for installation in parks, schools, airports, public recreational areas, and outdoor fitness zones.

C.2. General Requirements

The Triple Standing Twister shall be designed for waist, hip, and lower body exercise through controlled rotational movement while providing adequate support and safety. The equipment shall permit simultaneous use by **three (3) persons** and shall be suitable for continuous outdoor use under varying climatic conditions.

The equipment shall conform to the latest applicable Indian Standards or internationally accepted standards for outdoor fitness equipment, such as **IS, EN 16630, ASTM**, or equivalent.

C.3. Dimensions

- Overall Length: Approximately **1.8–2.5 m**
- Overall Width: Approximately **1.2–1.8 m**
- Overall Height: Approximately **1.2–1.5 m**
- Number of Exercise Stations: **Three (3)**

Minor dimensional variations shall be acceptable provided the intended functionality, ergonomics, and safety requirements are maintained.

C.4. Structural Frame

- The supporting frame and vertical posts shall be fabricated from hot-dip galvanized steel tubes or galvanized steel pipes of adequate diameter and wall thickness to safely withstand anticipated static and dynamic loads.
- The frame shall be rigid, stable, and capable of supporting simultaneous use by three users.
- All welded joints shall be continuous, smooth, and free from visible defects.
- All exposed edges and corners shall be rounded and free from burrs or sharp projections.

Tentative Minimum Size of members

- Centre pipe support.: -100mm NB, single pipe or equivalent strength
- Foundation main pipe.: -80mm NB
- Handle frame support.: -50mm NB
- Pedal link.: -40mm NB
- Handle frame.: -32mm NB
- Handle grip duly bend: - 25mm NB
- Foot rest: - 245 x 113 x 2.8mm

C.5. Rotating Platforms

- Three independent rotating platforms shall be provided.
- Platforms shall be manufactured from anti-skid, weather-resistant materials such as steel with anti-slip finish, aluminium, HDPE, FRP, or equivalent durable material.
- Each platform shall rotate smoothly through a controlled range using sealed bearings, self-lubricating bushes, or equivalent maintenance-friendly mechanism.
- The platform surface shall provide adequate grip under dry and wet conditions.

C.6. Hand Support Assembly

- Each exercise station shall be provided with securely fixed hand support bars or a central hand support structure to assist users during exercise.
- Hand grips shall have smooth surfaces and be ergonomically designed for comfortable use.
- The arrangement shall provide adequate stability throughout the twisting motion.

C.7. Rotating Mechanism

- The rotating mechanism shall incorporate sealed bearings, self-lubricating bushes, or equivalent corrosion-resistant maintenance-friendly components.
- The mechanism shall provide smooth, quiet, and controlled rotation with minimal maintenance requirements.
- The assembly shall be protected against ingress of dust, moisture, and debris.



(Sample picture -1)



(Sample picture -2)

D. Double Air-Walker

D.1 Scope

The work shall include the design, manufacture, supply, transportation, installation, testing, and commissioning of one Double Air Walker, complete with structural frame, two independent walking stations, moving pedal assemblies, hand support bars, foundations, accessories, and all necessary hardware, suitable for installation in parks, schools, airports, public recreational areas, and outdoor fitness zones.

D.2. General Requirements

The Double Air Walker shall be designed to provide low-impact cardiovascular exercise, improve lower body flexibility, and enhance coordination through smooth pendulum-type leg movement. The equipment shall permit simultaneous use by two (2) persons and shall be suitable for continuous outdoor use under varying climatic conditions.

The equipment shall conform to the latest applicable Indian Standards or internationally accepted standards for outdoor fitness equipment, such as IS, EN 16630, ASTM, or equivalent.

D.3. Dimensions

- Overall Length: Approximately 1.8–2.5 m
- Overall Width: Approximately 0.8–1.5 m
- Overall Height: Approximately 1.5–2.2 m
- Number of Exercise Stations: Two (2)

Minor dimensional variations shall be acceptable provided the intended functionality, ergonomics, and safety requirements are maintained.

D.4. Structural Frame

- The supporting frame and vertical posts shall be fabricated from hot-dip galvanized steel tubes or galvanized steel pipes of adequate diameter and wall thickness to safely withstand anticipated static and dynamic loads.
- The structure shall be rigid, stable, and capable of supporting simultaneous use by two persons without excessive deflection.
- All welded joints shall be continuous, smooth, and free from visible defects.
- All exposed edges and corners shall be rounded and free from burrs or sharp projections.

Tentative Minimum Size of members

- Centre pipe support.: -100mm NB, single pipe or equivalent strength
- Foundation main pipe.: -80mm NB
- Handle frame support.: -50mm NB
- Pedal link.: -40mm NB
- Handle frame.: -32mm NB
- Handle grip duly bend: - 25mm NB
- Foot rest: - 245 x 113 x 2.8mm

D.5. Walking Mechanism

- Two independent walking mechanisms shall be provided.
- Each mechanism shall consist of suspended foot pedals connected to pivoting arms to produce a smooth forward and backward walking motion.
- The mechanism shall incorporate sealed bearings, self-lubricating bushes, or equivalent maintenance-friendly components to ensure smooth, quiet, and reliable operation.
- The walking motion shall be controlled to prevent excessive swing or sudden impact.

D.6. Foot Pedals

- Foot pedals shall be manufactured from anti-skid, weather-resistant materials such as HDPE, aluminium, steel with anti-slip finish, reinforced polymer, or equivalent.
- The pedal surface shall provide adequate grip under dry and wet conditions.
- Pedals shall be securely fixed to the moving arms and designed to safely support the intended user load.

D.7. Hand Support Bars

- Each exercise station shall be provided with ergonomically designed hand support bars or handles.
- Hand grips shall have smooth, non-slip surfaces and shall be securely fixed to the moving arms or support frame as applicable.
- The arrangement shall provide adequate support and comfort during operation.



(Sample picture -1)



(Sample picture -2)

E. Double Cross-Trainer

E.1 Scope

The work shall include the design, manufacture, supply, transportation, installation, testing, and commissioning of one **Double Cross Trainer**, complete with structural frame, two independent exercise stations, moving pedal assemblies, hand-operated levers, foundations, accessories, and all necessary hardware, suitable for installation in parks, schools, airports, public recreational areas, and outdoor fitness zones.

E.2. General Requirements

The Double Cross Trainer shall be designed to provide low-impact cardiovascular exercise involving coordinated movement of the upper and lower body. The equipment shall permit simultaneous use by **two (2) persons** and shall be suitable for continuous outdoor use under varying climatic conditions.

The equipment shall conform to the latest applicable Indian Standards or internationally accepted standards for outdoor fitness equipment, such as **IS, EN 16630, ASTM**, or equivalent.

E.3. Dimensions

- Overall Length: Approximately **1.7–2.0 m**
- Overall Width: Approximately **0.6 -1.0 m**
- Overall Height: Approximately **1.7–2.0 m**
- Number of Exercise Stations: **Two (2)**

Minor dimensional variations shall be acceptable provided the intended functionality, ergonomics, and safety requirements are maintained.

E.4. Structural Frame

- The supporting frame and vertical posts shall be fabricated from hot-dip galvanized steel tubes or galvanized steel pipes of adequate diameter and wall thickness to safely withstand anticipated static and dynamic loads.
- The structure shall be rigid, stable, and capable of supporting simultaneous use by two persons without excessive deflection.
- All welded joints shall be continuous, smooth, and free from visible defects.
- All exposed edges and corners shall be rounded and free from burrs or sharp projections.

Tentative Minimum Size of members

- Centre pipe support.: -100mm NB, single pipe or equivalent strength
- Foundation main pipe.: -80mm NB
- Handle frame support.: -50mm NB
- Pedal link.: -40mm NB
- Handle frame.: -32mm NB
- Handle grip duly bend: - 25mm NB
- Foot rest: - 245 x 113 x 2.8mm

E.5. Exercise Mechanism

- Two independent cross-training mechanisms shall be provided.
- Each mechanism shall consist of moving foot pedals and synchronized hand-operated levers to produce a smooth elliptical motion.
- The mechanism shall incorporate sealed bearings, self-lubricating bushes, or equivalent maintenance-friendly components to ensure smooth, quiet, and reliable operation.
- The movement shall be controlled to prevent excessive play, sudden impact, or uncontrolled motion.

E.6. Foot Pedals

- Foot pedals shall be manufactured from anti-skid, weather-resistant materials such as HDPE, reinforced polymer, aluminium, steel with anti-slip finish, or equivalent.
- Pedal surfaces shall provide adequate grip under dry and wet conditions.
- Pedals shall be securely fixed to the moving mechanism and designed to safely support the intended user load.

E.7. Hand Levers

- Each exercise station shall be provided with ergonomically designed moving hand levers.
- Hand grips shall be manufactured from durable, non-slip, weather-resistant material and securely fixed.
- The hand lever mechanism shall move smoothly in coordination with the foot pedals.

E.8. Rotating and Pivot Mechanism

- All rotating and pivoting joints shall incorporate sealed bearings, self-lubricating bushes, or equivalent corrosion-resistant maintenance-friendly components.
- Bearings and pivot assemblies shall be protected against dust, moisture, and ingress of foreign particles.



(Sample picture -1)



(Sample picture -2)

F. Double Running Machine

F.1 Scope

The work shall include the design, manufacture, supply, transportation, installation, testing, and commissioning of one **Double Running Machine (Outdoor Runner)**, complete with structural frame, two independent running stations, moving foot platforms, hand support assembly, foundations, accessories, and all necessary hardware, suitable for installation in parks, schools, airports, public recreational areas, and outdoor fitness zones.

F.2. General Requirements

The Double Running Machine shall be designed to simulate a natural running or jogging motion for cardiovascular exercise and lower body conditioning. The equipment shall permit simultaneous use by **two (2) persons** and shall be suitable for continuous outdoor use under varying climatic conditions.

The equipment shall conform to the latest applicable Indian Standards or internationally accepted standards for outdoor fitness equipment, such as **IS, EN 16630, ASTM**, or equivalent.

F.3. Dimensions

- Overall Length: Approximately **2.0–2.8 m**
- Overall Width: Approximately **1.2–1.8 m**
- Overall Height: Approximately **1.5–2.0 m**
- Number of Exercise Stations: **Two (2)**

Minor dimensional variations shall be acceptable provided the intended functionality, ergonomics, safety, and structural stability are maintained.

F.4. Structural Frame

- The supporting frame and vertical posts shall be fabricated from hot-dip galvanized steel tubes or galvanized steel pipes of adequate diameter and wall thickness to safely withstand anticipated static and dynamic loads.
- The structure shall be rigid, stable, and capable of supporting simultaneous use by two persons without excessive deflection.
- All welded joints shall be continuous, smooth, and free from visible defects.
- All exposed edges and corners shall be rounded and free from burrs or sharp projections.

Tentative Minimum Size of members

- Centre pipe support.: -100mm NB, single pipe or equivalent strength
- Foundation main pipe.: -80mm NB
- Handle frame support.: -50mm NB
- Pedal link.: -40mm NB
- Handle frame.: -32mm NB
- Handle grip duly bend: - 25mm NB
- Foot rest: - 245 x 113 x 2.8mm

F.5. Running Mechanism

- Two independent running mechanisms shall be provided.
- Each mechanism shall consist of suspended or pivoted foot platforms designed to simulate a running or jogging motion.
- The movement shall be smooth, controlled, and free from jerks or excessive play.
- The mechanism shall incorporate sealed bearings, self-lubricating bushes, or equivalent maintenance-friendly components to ensure reliable and quiet operation.
- Moving components shall be designed to prevent excessive travel and accidental impact.

F.6. Foot Platforms

- Foot platforms shall be manufactured from anti-skid, weather-resistant materials such as reinforced polymer, HDPE, aluminium, steel with anti-slip finish, or equivalent.
- The platforms shall provide adequate grip under both dry and wet conditions.
- The design shall safely support the intended user load during continuous operation.

F.7. Hand Support Assembly

- Each exercise station shall be provided with ergonomically designed hand support bars or handles.
- Hand grips shall be smooth, non-slip, and manufactured from durable weather-resistant materials.
- The arrangement shall provide adequate stability and user comfort throughout the exercise.

F.8. Rotating and Pivot Mechanism

- All rotating and pivoting joints shall incorporate sealed bearings, self-lubricating bushes, or equivalent corrosion-resistant maintenance-friendly components.
- Bearings and pivot assemblies shall be protected against ingress of dust, moisture, and foreign particles.
- The mechanism shall require minimal routine maintenance.



G. Push-Up Bar

G.1 Scope

The work shall include the design, manufacture, supply, transportation, installation, testing, and commissioning of one **Outdoor Push-Up Bar**, complete with structural frame, horizontal exercise bars, foundations, accessories, and all necessary hardware, suitable for installation in parks, schools, airports, public recreational areas, and outdoor fitness zones.

G.2. General Requirements

The Push-Up Bar shall be designed for bodyweight exercises including push-ups, dips, stretching, and upper body strengthening. The equipment shall be suitable for continuous outdoor use under varying climatic conditions.

The equipment shall conform to the latest applicable Indian Standards or internationally accepted standards for outdoor fitness equipment, such as **IS, EN 16630, ASTM**, or equivalent.

G.3. Dimensions

- Overall Length: Approximately **1.0–1.2 m**
- Overall Width: Approximately **0.6–1.2 m**
- Overall Height: Approximately **1.2–1.6 m**
- Exercise Bar Height: Ergonomically designed for comfortable use by the intended users. Minor dimensional variations shall be acceptable provided the intended functionality, ergonomics, and safety requirements are maintained.

G.4. Structural Frame

- The supporting posts and exercise bars shall be fabricated from hot-dip galvanized steel tubes or galvanized steel pipes of adequate diameter and wall thickness to safely withstand anticipated static and dynamic loads.
- The structure shall be rigid, stable, and capable of supporting repeated bodyweight exercises without excessive deflection or deformation.
- All welded joints shall be continuous, smooth, and free from visible defects.
- All exposed edges and corners shall be rounded and free from burrs or sharp projections.

Tentative Minimum Size of members

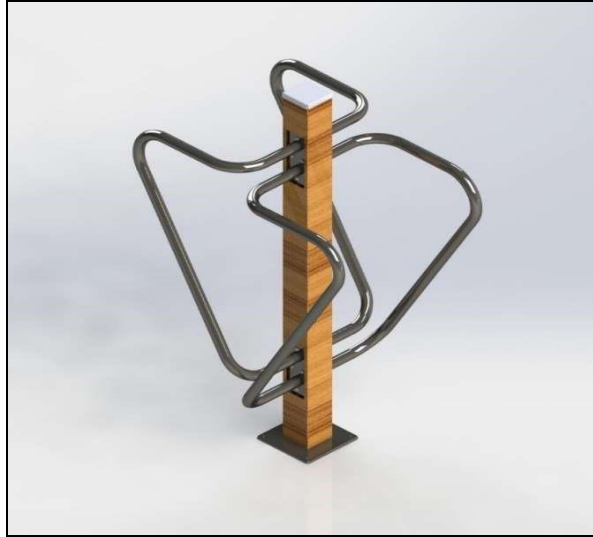
- Centre pipe support.: -100mm NB, single pipe or equivalent strength
- Foundation main pipe.: -80mm NB
- Handle frame support.: -50mm NB
- Pedal link.: -40mm NB
- Handle frame.: -32mm NB
- Handle grip duly bend: - 25mm NB
- Foot rest: - 245 x 113 x 2.8mm

G.5. Exercise Bars

- The equipment shall be provided with one or more horizontal push-up bars securely fixed to the supporting frame.
- The bars shall have a smooth, non-slip surface suitable for a comfortable and secure hand grip.
- The diameter of the bars shall be ergonomically designed to facilitate safe use by a wide range of users.
- The bars shall be capable of safely supporting the intended user load during dynamic exercises.



(Sample picture -1)



(Sample picture -2)

H. Recumbent Bike

H.1 Scope

The work shall include the design, manufacture, supply, transportation, installation, testing, and commissioning of one **Outdoor Recumbent Bike**, complete with structural frame, seat, backrest, pedal assembly, drive mechanism, foundations, accessories, and all necessary hardware, suitable for installation in parks, schools, airports, public recreational areas, and outdoor fitness zones.

H.2. General Requirements

The Recumbent Bike shall be designed to provide low-impact cardiovascular exercise while improving lower body strength and endurance. The equipment shall provide a comfortable seated exercise position with adequate back support and shall be suitable for continuous outdoor use under varying climatic conditions.

The equipment shall conform to the latest applicable Indian Standards or internationally accepted standards for outdoor fitness equipment, such as **IS, EN 16630, ASTM**, or equivalent.

H.3. Dimensions

- Overall Length: Approximately **1.4–1.8 m**
- Overall Width: Approximately **0.6–1.0 m**
- Overall Height: Approximately **1.0–1.4 m**
- Number of Exercise Stations: **One (1)**

Minor dimensional variations shall be acceptable provided the intended functionality, ergonomics, safety, and structural stability are maintained.

H.4. Structural Frame

- The supporting frame shall be fabricated from hot-dip galvanized steel tubes or galvanized steel pipes of adequate diameter and wall thickness to safely withstand anticipated static and dynamic loads.
- The structure shall be rigid, stable, and capable of supporting repeated use without excessive deflection or deformation.
- All welded joints shall be continuous, smooth, and free from visible defects.
- All exposed edges and corners shall be rounded and free from burrs or sharp projections.

H.5. Seat and Backrest

- The equipment shall be provided with an ergonomically designed seat and backrest to ensure user comfort and proper posture during exercise.
- The seat and backrest shall be manufactured from UV-stabilized HDPE, reinforced polymer, **FRP**, or equivalent weather-resistant material.
- Surfaces shall be smooth, easy to clean, and resistant to moisture, UV radiation, and impact.

H.6. Pedal and Drive Mechanism

- The equipment shall be provided with a pair of ergonomically designed anti-slip pedals connected to a smooth rotating crank mechanism.
- The pedal assembly shall incorporate sealed bearings, self-lubricating bushes, or equivalent maintenance-friendly components to ensure smooth and quiet operation.
- The movement shall simulate the cycling action without abrupt resistance or excessive play.
- The rotating components shall be enclosed or designed to minimize the risk of accidental contact.

H.7. Hand Support

- The Recumbent Bike shall be provided with ergonomically designed hand grips or support handles positioned for user comfort and stability during exercise.
- Hand grips shall be manufactured from durable, non-slip, weather-resistant materials.



(Sample picture -1)



(Sample picture -2)

I.

Chest Press

I.1 Scope

The work shall include the design, manufacture, supply, transportation, installation, testing, and commissioning of one **Outdoor Chest Press**, complete with structural frame, seating arrangement, backrest, pivoting press arms, hand grips, foundations, accessories, and all necessary hardware, suitable for installation in parks, schools, airports, public recreational areas, and outdoor fitness zones.

I.2. General Requirements

The Chest Press shall be designed to strengthen the chest, shoulder, and upper arm muscles through a controlled pushing motion. The equipment shall be suitable for individual use and designed for continuous outdoor operation under varying climatic conditions.

The equipment shall conform to the latest applicable Indian Standards or internationally accepted standards for outdoor fitness equipment, such as **IS, EN 16630, ASTM**, or equivalent.

I.3. Dimensions

- Overall Length: Approximately **1.2–1.8 m**
- Overall Width: Approximately **0.6–0.8 m**
- Overall Height: Approximately **1.8–2.2 m**
- Number of Exercise Stations: **One (1)**

Minor dimensional variations shall be acceptable provided the intended functionality, ergonomics, safety, and structural stability are maintained.

I.4. Structural Frame

- The supporting frame shall be fabricated from hot-dip galvanized steel tubes or galvanized steel pipes of adequate diameter and wall thickness to safely withstand anticipated static and dynamic loads.
- The structure shall be rigid, stable, and capable of supporting repeated use without excessive deflection or deformation.
- All welded joints shall be continuous, smooth, and free from visible defects.
- All exposed edges and corners shall be rounded and free from burrs or sharp projections.

Tentative Minimum Size of members

- Centre pipe support.: -100mm NB, single pipe or equivalent strength
- Foundation main pipe.: -80mm NB
- Handle frame support.: -50mm NB
- Pedal link.: -40mm NB
- Handle frame.: -32mm NB
- Handle grip duly bend: - 25mm NB
- Foot rest: - 245 x 113 x 2.8mm

I.5. Seat and Backrest

- The equipment shall be provided with an ergonomically designed seat and backrest to ensure correct posture and user comfort during exercise.
- The seat and backrest shall be manufactured from UV-stabilized HDPE, reinforced polymer, FRP, or equivalent weather-resistant material.
- Surfaces shall be smooth, easy to clean, impact-resistant, and suitable for outdoor use.

I.6. Press Mechanism

- The Chest Press shall incorporate two pivoting press arms with ergonomically positioned hand grips.
- The mechanism shall provide smooth and controlled movement throughout the operating range.
- Pivot points shall incorporate sealed bearings, self-lubricating bushes, or equivalent maintenance-friendly components to ensure smooth, quiet, and reliable operation.
- The movement shall be designed to prevent excessive play, abrupt stops, or uncontrolled motion.

I.7. Hand Grips

- Hand grips shall be ergonomically designed and manufactured from durable, non-slip, weather-resistant materials.
- The grip diameter shall be suitable for comfortable use by a wide range of users.
- Hand grips shall be securely fixed to prevent loosening during service.



(Sample picture -1)



(Sample picture -2)

(iii) Measurement

Measurement shall be made on a **per unit basis** for each item of playground equipment, complete with foundation, fixing, testing and commissioning.

(iv) Rate of Payment

Payment shall be made for each completed unit of equipment after satisfactory installation, testing and certification by the Engineer-in-Charge. However, considering the weight of supply and installation, Contractor will be eligible for payment at the rate of 70% of quoted rate after supply of materials and rest after installation.

General Requirement for All the above Outside Gym equipment:

- 1 *The successful bidder shall submit makes and specification of three manufacturer within a price range of 10%, thereafter Engineer-in-charge will approve either one of three and decision of the EIC shall be final and binding on the contractor. Engineer-in-charge may ask for resubmission of makes subject to availability of superior makes in market within a price range. It will be construed that the rate quoted by the agency is for superior make available in the market.*
- 2 *The contractor will also submit two sets of plan layout of equipment along with safety flooring, layout of internal roads, space for horticulture beautification all comprehensive. Engineer-in-charge will approve any of the layout and the contractor will be obliged to execute the approved plan as per list contained in BOQ.*
- 3 *The successful bidders shall take approval of Engineer-in-charge for particular OEM for above equipment for which the OEM shall submit following documents:*
 - *OEM Certificate for compliance of (a) EN 16630 European standards for general safety requirements for manufacture, installation, inspection and maintenance (b) OHSAS 18001:2007 Standard for occupational health and safety Management system*
 - *OEM-Bidder Agreement for supply of equipment for this project after approval of OEM*

4 Protective Finish

- All metallic components shall be protected against corrosion by hot-dip galvanizing, powder coating, or an equivalent approved protective treatment.
- The equipment can be made of Artificial wood finish in compliance to IS 14887-2000 or equivalent, can be also vary depending upon the approval of EIC.
- Where powder coating is adopted, it shall be exterior-grade polyester powder with a minimum dry film thickness of **60 microns**.
- The finish shall be UV-resistant, weather-resistant, smooth, and free from peeling, blistering, cracks, or pinholes.

5 Fasteners

- All nuts, bolts, washers, connectors, and fixing hardware shall be stainless steel or suitably corrosion-resistant.
- Accessible fasteners shall be recessed or provided with tamper-resistant protective caps.
- Permanent Lubricated Bearing such as 6007, 6205 etc and Bushes shall be of superior and reputed make. Easily maintainable and locally available. Bearing strength shall be sufficient for normal usage without significant wear and tear for a period of 2 yrs.

6. Sampling and Testing

All children's play equipment, safety surfacing, connectors, fasteners, chains, bearings, HDPE panels, FRP components, rubber seats, ropes, coatings, and structural steel members shall conform to the relevant Indian Standards (IS) or equivalent international standards wherever applicable. The successful bidder shall submit original manufacturer's Test Certificates (MTC), product conformity certificates, and laboratory test reports from NABL-accredited laboratories before commencement of installation. The Engineer-in-Charge shall have the right to draw random samples of any material or completed equipment from the site or manufacturer's premises for independent testing at any NABL-accredited laboratory. The contractor shall provide all assistance for sampling, transportation, testing, and inspection without any additional cost to the department. In case any material or equipment fails to satisfy the specified requirements, the entire lot represented by the sample shall be rejected and replaced by the contractor at his own cost. The contractor shall also bear all expenses incurred towards repeat sampling and testing. Final acceptance of the playground equipment shall be subject to satisfactory test results, dimensional verification, functional performance, safety inspection, and certification of compliance with the applicable IS standards

6. Installation

Installation shall be carried out in accordance with the manufacturer's recommendations and approved drawings. Upon completion, the equipment shall be inspected for alignment, secure anchoring, smooth rocking action, and overall safety before being put into service.

7. Warranty

The complete system of children's park equipment shall carry a minimum **Two (02) years** comprehensive warranty against defects in materials, workmanship, corrosion, structural failure, manufacturing defects, spring failure, and installation defects from the date of successful commissioning. For such warranty, the agency will execute warranty bond for a period of 2 yrs. The agency shall submit warranty certificate from OEM regarding their acceptance of responsibility of supply, installation and comprehensive maintenance of facilities during the entire warranty period of 2 yrs.

On account of such warranty, respective amount equivalent to 10% of the value of equipment will be withheld for an additional period of 1 yrs after defect liability period. The amount can be released upon the submission of Bank Guarantee from Nationalised Commercial Bank with a validity of 6 months from the last date of validity of warranty period.

Item No. 32

Supplying & Installation of BWF Approved PVC badminton Flooring as per technical specification at site free from defects along with all the line marking, joining etc. including loading, unloading, carriage and all taxes paid etc. and as per direction of Engineer-in-charge. (Colour to be approved by EIC)

32.1 Scope of Work

The work shall comprise the **design, supply, transportation, unloading, handling, storage, installation, testing, and commissioning** of BWF (Badminton World Federation) approved **PVC badminton sports flooring**, complete in all respects, including surface preparation (where specified), adhesive, joint welding, line marking, finishing, accessories, labour, tools and tackles, and all incidental works required for satisfactory completion of the installation.

The quoted rate shall include all materials, labour, transportation, loading, unloading, taxes, duties, royalties, insurance, and all other incidental charges required to complete the work as directed by the Engineer-in-Charge.

32.2 Standards

The sports flooring system shall:

- Be **currently approved by the Badminton World Federation (BWF)** for badminton courts.
- Conform to applicable international standards for indoor sports flooring, including **EN 14904** or equivalent.
- Be suitable for professional, tournament, training, and recreational badminton use.

Documentary proof of BWF approval shall be submitted along with the bid.

32.3 Flooring Material

- The flooring shall be factory-manufactured, homogeneous or multi-layer PVC sports flooring specifically designed for indoor badminton courts.
- Total thickness shall be **not less than 6.0 mm**.
- The flooring shall possess:
 - High wear resistance.
 - Slip-resistant playing surface.
 - Shock absorption suitable for badminton.
 - Controlled ball rebound characteristics.
 - Anti-glare matte finish.
 - Anti-fungal and anti-bacterial properties.
 - Resistance to indentation and abrasion.
 - UV stability and colour fastness.
 - Easy maintenance and cleaning characteristics.

The flooring shall be free from manufacturing defects, cracks, bubbles, wrinkles, colour variation, or surface imperfections.

32.4 Installation

Installation shall be carried out strictly in accordance with the manufacturer's recommendations by trained personnel.

The work shall include:

- Inspection of the existing sub-floor.

- Cleaning and preparation of the surface.
- Rectification of minor surface irregularities wherever required.
- Application of approved adhesive compatible with the flooring system.
- Proper laying of PVC sheets.
- Hot welding or chemically welding all joints using matching welding cords wherever applicable.
- Rolling and finishing to ensure complete bonding without air pockets, wrinkles, undulations, or loose edges.
- Neat finishing around walls, columns, doors, and other obstructions.

The completed surface shall be smooth, level, and free from visible joints or defects.

32.5 Court Marking

The contractor shall provide permanent badminton court markings in accordance with the latest **BWF Laws of Badminton**.

- Line markings shall be accurately laid using factory-approved marking methods or permanently integrated line marking compatible with the flooring system.
- Line width shall conform to BWF requirements.
- The markings shall be durable, wear-resistant, and clearly visible.

32.6 Colour

The colour of the PVC flooring shall be selected from the manufacturer's standard range and shall be **approved by the Engineer-in-Charge** before installation.

Court marking colours shall provide adequate visual contrast with the flooring surface.

32.7 Performance Requirements

The installed flooring shall provide:

- Uniform surface finish.
- Excellent dimensional stability.
- High durability under regular sports usage.
- Adequate shock absorption.
- Appropriate coefficient of friction for badminton.
- Good player comfort.
- Easy cleaning and maintenance.
- Resistance to moisture under normal indoor conditions.

32.8 Workmanship

Installation shall be executed by experienced personnel using approved equipment and installation practices.

The completed floor shall:

- Be perfectly level and properly bonded.
- Be free from bubbles, wrinkles, blisters, lifting, curling, gaps, or uneven joints.
- Have neatly finished edges.
- Present a uniform appearance throughout.

32.9 Inspection and Acceptance

The flooring shall be inspected for:

- Compliance with approved specifications.

- BWF approval documentation.
- Surface finish.
- Joint quality.
- Adhesion.
- Levelness.
- Court dimensions and line markings.
- Overall workmanship.

Only flooring meeting all specified requirements shall be accepted.

32.10 Warranty

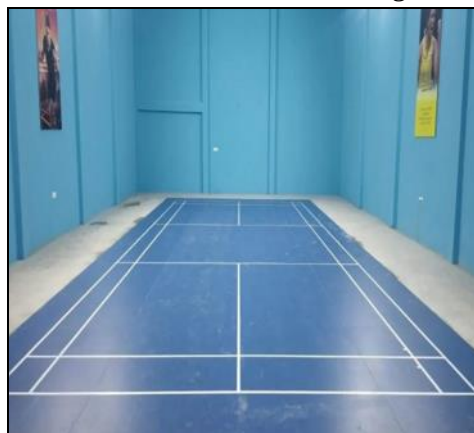
The complete flooring system, including installation, adhesives, welded joints, and line markings, shall carry a **minimum comprehensive warranty of two (2) years** against manufacturing defects, joint failure, delamination, bubbling, lifting, excessive wear under normal use, and workmanship defects from the date of successful installation and acceptance.

32.11 Mode of Measurement

Measurement shall be made on the basis of the **actual finished area of PVC sports flooring installed**, in square metres, including all cutting, fitting, joint welding, adhesives, line markings, finishing, and all incidental works necessary for complete installation.

32.12 Rate

The quoted rate shall be deemed to include all the above operations such surface preparation, supplying and fixing, all consumables, finishing, transportation, loading & unloading, all tools and plant including labours, etc. for successful commissioning/usability.



(Sample picture-1)

Item No.33

Supplying & Installation of Black coloured Anti-Skid EPDM Flooring thickness more than 20 mm for Gym at site free from defects including loading, unloading, carriage and all taxes paid etc. and as per direction of Engineer- in- charge.

33.1 Scope of Work

The work shall comprise the **design, supply, transportation, unloading, handling, storage, installation, testing, and commissioning** of anti-skid EPDM + SBR rubber flooring tiles for indoor gymnasium use, complete in all respects, including adhesives, joint finishing, edge trimming, cutting, accessories, labour, tools and tackles, and all incidental works required for satisfactory completion.

The quoted rate shall include all materials, labour, transportation, loading, unloading, taxes, duties, insurance, royalties, and any other incidental charges necessary to complete the work as directed by the Engineer-in-Charge.

33.2 Standards

The flooring system shall conform to applicable Indian Standards or internationally accepted standards for sports and fitness flooring, including **EN 1177, EN 14877, ASTM**, or equivalent, wherever applicable.

The flooring shall be suitable for indoor gymnasium applications involving free weights, strength training, functional fitness, and general exercise.

33.3 Flooring Material

- The flooring shall consist of factory-manufactured **rubber tiles made from a combination of EPDM (Ethylene Propylene Diene Monomer) and recycled SBR (Styrene-Butadiene Rubber) granules**, bonded using high-quality polyurethane or equivalent binder.
- Overall thickness shall be **not less than 20 mm**.
- Tile dimensions shall preferably be **500 mm × 500 mm, 1000 mm × 1000 mm**, or other standard modular sizes suitable for gym flooring.
- The tiles shall have uniform density, consistent thickness, and dimensional accuracy and conform to following minimum physical characteristics.

EPDM Specification			
Properties	Value/Tolerance	Unit	Test Method
Density	1.6+-0.05	g/cum	ASTM D792
Hardness	60	Sh A	ASTM D2240
Tensile strength	>3	MPa	ASTM D 412
Elongation at Break	>500	%	ASTM D 412
Bulk density	670	g/dm ³	ASTM D 6683
PU Binder content	=>22	%	
UV Resistant	4		ISO 105 B06
Flammability	HB		UL94

33.4 Physical Properties

The flooring shall possess the following characteristics:

- Anti-skid surface finish.
- High impact resistance.
- Excellent shock absorption.
- Noise and vibration reduction properties.
- Resistance to wear, abrasion, indentation, and tearing.
- Moisture resistance.
- Anti-fungal and anti-bacterial properties.
- UV stability and colour fastness.
- Resistance to normal cleaning chemicals used in gym facilities.
- Easy cleaning and maintenance.

The tiles shall be free from cracks, voids, delamination, warping, surface defects, or manufacturing imperfections.

33.5 Colour

The exposed surface of the flooring shall be **Black**.

Minor shade variation within acceptable manufacturing tolerance shall be permissible. The final colour and finish shall be subject to approval by the Engineer-in-Charge.

33.6 Installation

Installation shall be carried out strictly in accordance with the manufacturer's recommendations by trained personnel.

The work shall include:

- Inspection and cleaning of the existing sub-floor.
- Preparation of the surface to remove dust, grease, loose particles, and contaminants.
- Minor surface corrections wherever required.
- Application of suitable polyurethane adhesive or equivalent approved bonding system.
- Accurate laying of rubber tiles with tight-fitting joints.
- Cutting and edge finishing around walls, columns, equipment bases, and other obstructions.
- Proper rolling and pressing to ensure complete bonding.

The finished floor shall be level, firmly bonded, and free from undulations, gaps, lifting, curling, or loose tiles.

33.7 Workmanship

The installed flooring shall:

- Be perfectly level and uniform.
- Have tightly fitted joints.
- Be free from visible gaps, bubbles, wrinkles, or uneven surfaces.
- Have neatly finished edges and corners.
- Present a consistent appearance throughout the installation area.

33.8 Performance Requirements

The completed flooring shall provide:

- Excellent slip resistance under normal operating conditions.
- Adequate cushioning for user comfort.
- High resistance to repeated impact from gym equipment and free weights.
- Good dimensional stability.
- Long service life under normal gym usage.
- Easy replacement of individual tiles, if required.

33.9 Inspection and Acceptance

The flooring shall be inspected for:

- Material quality.
- Thickness.
- Colour.
- Surface finish.
- Bond strength.
- Levelness.
- Joint quality.
- Overall workmanship.

Only flooring meeting the specified requirements shall be accepted.

33.10 Warranty

The complete flooring system, including tiles, adhesives, joints, and installation, shall carry a **minimum comprehensive warranty of two (02) years** against manufacturing defects,

excessive wear under normal use, delamination, cracking, curling, lifting, bond failure, and workmanship defects from the date of successful installation and acceptance.

33.11 Mode of Measurement

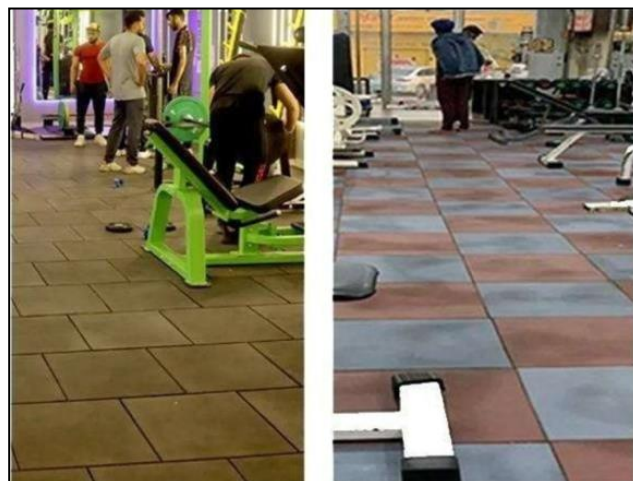
Measurement shall be made on the basis of the **actual finished area of rubber flooring installed**, in square metres (m²) of complete installation.

33.12 Rate

The quoted rate shall be deemed to include all the above operations such surface preparation, supplying and fixing, all consumables, finishing, transportation, loading & unloading, all tools and plant including labours, etc. for successful commissioning/usability.



(Sample picture-1)



(Sample picture-2)

Item No.34

Providing and laying of approved 19 mm in-situ SBR rubberized flooring plus 6 mm EPDM flooring laid over concrete which can resist UV radiation and withstand sever weather conditions and approved colour complete for kids in play areas including necessary PU binding materials all complete as per direction and satisfaction of Engineer-in-charge.

34.1 Scope of Work

The work shall comprise the **design, supply, transportation, unloading, handling, storage, laying, installation, testing, and commissioning** of factory-manufactured **EPDM + SBR safety rubber tiles** for children's play areas, complete with surface preparation (where specified), approved polyurethane (PU) adhesive/binder, edge finishing, cutting, fitting, accessories, labour, tools and tackles, and all incidental works necessary for satisfactory completion.

34.2 Standards

The flooring system shall conform to the applicable Indian Standards or internationally accepted standards for playground safety surfacing, including **EN 1177, EN 71 (where applicable), ASTM F1292, ASTM F1951**, or equivalent.

The flooring shall be specifically designed for outdoor children's play areas and shall provide impact attenuation suitable for playground applications.

34.3 Flooring Material

- The flooring shall consist of factory-manufactured interlocking or square **EPDM + SBR rubber safety tiles**.

- The tiles shall be manufactured using recycled **SBR (Styrene Butadiene Rubber)** granules as the base layer with a wear-resistant **EPDM (Ethylene Propylene Diene Monomer)** top layer, bonded using high-quality polyurethane binder.
- Overall tile thickness shall be **not less than 25 mm**.
- Tiles shall be of uniform dimensions, density, and thickness with consistent quality throughout and shall conform to the following minimum requirement. The materials must accompany with manufacturer testing certificate and any further testing at site if required will be carried out by the agency.

Properties	Value/Tolerance	Unit	Test Method
Density	1.6+-0.05	g/cum	ASTM D792
Hardness	60	Sh A	ASTM D2240
Tensile strength	>3	MPa	ASTM D 412
Elongation at Break	>500	%	ASTM D 412
Bulk density	670	g/dm ³	ASTM D 6683
PU Binder content	=>22	%	
UV Resistant	4		ISO 105 B06
Flammability	HB		UL94

34.4 Physical and Performance Requirements

The flooring shall possess the following characteristics:

- High impact absorption and cushioning properties suitable for children's play areas.
- Anti-skid surface under both dry and wet conditions.
- UV-resistant and colour stable.
- Weather-resistant and capable of withstanding prolonged exposure to sunlight, rain, humidity, and varying temperatures.
- Abrasion-resistant and tear-resistant.
- Resistant to fungal growth, mildew, and moisture.
- Resistant to deformation under normal playground use.
- Non-toxic and environmentally safe.
- Easy to clean and maintain.

The tiles shall be free from cracks, delamination, warping, voids, bubbles, or other manufacturing defects.

34.5 Colour

The colour of the EPDM surface layer shall be selected from the manufacturer's standard range and shall be **approved by the Engineer-in-Charge** prior to installation.

The colour shall remain stable under prolonged outdoor exposure without significant fading.

34.6 Sub-base

The tiles shall be laid over a finished **cement concrete base** or other approved rigid sub-base provided separately or as specified in the contract.

The base shall be clean, dry, level, and free from dust, oil, grease, loose particles, and other contaminants before commencement of installation.

34.7 Installation

Installation shall be carried out strictly in accordance with the manufacturer's recommendations by trained personnel.

The work shall include:

- Cleaning and preparation of the concrete surface.
- Application of approved polyurethane (PU) adhesive or equivalent bonding material.
- Laying of EPDM + SBR tiles in proper alignment.
- Tight joints without visible gaps.
- Cutting and fitting around columns, edges, play equipment foundations, drains, and other obstructions.
- Proper rolling or pressing to achieve full adhesion.
- Edge finishing to provide a neat and uniform appearance.

The completed flooring shall be level, securely bonded, and free from undulations, loose tiles, lifting, curling, or uneven joints.

34.8 Workmanship

The installed flooring shall:

- Be accurately aligned.
- Have uniform joints and consistent surface levels.
- Be free from visible defects, bubbles, gaps, or unevenness.
- Have neatly finished edges and corners.
- Present a uniform appearance throughout the play area.

34.9 Performance Requirements

The completed flooring shall provide:

- Safe impact-absorbing surface for children's play equipment.
- Excellent slip resistance.
- Resistance to UV radiation and severe weather conditions.
- Good dimensional stability.
- Long service life under normal outdoor playground use.
- Easy maintenance and replacement of individual tiles, if required.

34.10 Inspection and Acceptance

The installed flooring shall be inspected for:

- Material quality.
- Thickness.
- Colour.
- Surface finish.
- Bond strength.
- Levelness.
- Joint quality.
- Adhesion.

- Overall workmanship.

Only flooring meeting the specified requirements shall be accepted.

34.11 Warranty

The complete flooring system, including tiles, polyurethane adhesive, joints, and installation, shall carry a **minimum comprehensive warranty of two (02) years** against manufacturing defects, cracking, excessive wear under normal use, colour fading beyond acceptable limits, delamination, lifting, bond failure, and workmanship defects from the date of successful installation and acceptance.

34.12 Mode of Measurement

Measurement shall be made on the basis of the **actual finished area of EPDM + SBR safety flooring installed**, in square metres (m²) of complete installation.

34.13 Rate

The quoted rate shall include all materials, labour, transportation, loading, unloading, taxes, duties, insurance, royalties, and all other incidental charges required to complete the work as directed by the Engineer-in-Charge.



Item No. 35

Providing and laying of approved 9 mm in-situ SBR rubberized flooring plus 6 mm EPDM flooring laid over concrete which can resist UV radiation and withstand sever weather conditions and approved colour complete for outdoor gym area including necessary PU binding materials all complete as per direction and satisfaction of Engineer-in-charge.

35.1 Scope of Work

The work shall comprise the design, supply, transportation, unloading, handling, storage, laying, installation, testing, and commissioning of factory-manufactured EPDM + SBR rubber flooring tiles for outdoor gym areas, complete with surface preparation, approved polyurethane (PU) adhesive/binder, cutting, edge finishing, accessories, labour, tools and tackles, and all incidental works necessary for satisfactory completion.

35.2 Standards

The flooring system shall conform to applicable Indian Standards or internationally accepted standards for outdoor sports and fitness flooring, including EN 14877, EN 1177 (where applicable), ASTM, or equivalent.

The flooring shall be specifically designed for outdoor fitness and recreational applications and shall be suitable for installation beneath and around outdoor gym equipment.

35.3 Flooring Material

- The flooring shall consist of factory-manufactured EPDM + SBR rubber tiles.
- A 15 mm EPDM and SBR two-layer sandwich system will comprise of two layers namely (i) 9 mm SBR (Styrene-Butadiene Rubber) providing high elasticity and shock absorption, and (ii) 6 mm EPDM offers vibrant, UV-resistant colour.

- The tiles shall be manufactured using recycled SBR (Styrene Butadiene Rubber) granules as the base layer with a durable EPDM (Ethylene Propylene Diene Monomer) wear layer, bonded with high-quality polyurethane binder or equivalent.
- The overall tile thickness shall be not less than 15 mm.
- Tiles shall be of uniform dimensions, density, and thickness with consistent quality throughout and shall conform to the following minimum requirement. The materials must accompany with manufacturer testing certificate and any further testing at site if required will be carried out by the agency.

EPDM Specification			
Properties	Value/Tolerance	Unit	Test Method
Density	1.6+-0.05	g/cum	ASTM D792
Hardness	60	Sh A	ASTM D2240
Tensile strength	>3	MPa	ASTM D 412
Elongation at Break	>500	%	ASTM D 412
Bulk density	670	g/dm ³	ASTM D 6683
PU Binder content	=>22	%	
UV Resistant	4		ISO 105 B06
Flammability	HB		UL94

35.4 Physical and Performance Requirements

The flooring shall possess the following characteristics:

- Anti-skid surface under both dry and wet conditions.
- UV-resistant with excellent colour stability.
- Resistant to rain, sunlight, humidity, temperature variations, and severe outdoor weather conditions.
- High abrasion, tear, and impact resistance.
- Good shock absorption and walking comfort.
- Resistance to moisture, fungal growth, and mildew.
- Good dimensional stability with minimal shrinkage or expansion.
- Easy to clean and maintain.
- Non-toxic and environmentally safe.

The tiles shall be free from cracks, warping, delamination, voids, bubbles, or other manufacturing defects.

35.5 Colour

The colour of the exposed EPDM surface shall be selected from the manufacturer's standard colour range and shall be approved by the Engineer-in-Charge before installation.

The flooring shall exhibit uniform colour and shall retain its appearance under prolonged outdoor exposure.

35.6 Sub-base

The tiles shall be laid over a finished cement concrete base or other approved rigid sub-base provided separately or as specified in the contract.

The concrete surface shall be clean, dry, level, structurally sound, and free from dust, grease, oil, laitance, loose particles, or any contaminants that may affect adhesion.

35.7 Installation

Installation shall be carried out strictly in accordance with the manufacturer's recommendations by trained personnel.

The work shall include:

- Cleaning and preparation of the concrete surface.
- Application of approved polyurethane (PU) adhesive/binding material or equivalent.
- Accurate laying of the rubber tiles in proper alignment.
- Tight joints with minimal visible gaps.
- Cutting and fitting around outdoor gym equipment foundations, columns, drains, and other obstructions.
- Rolling or pressing to ensure complete adhesion.
- Neat edge finishing and cleaning of the completed surface.

The finished flooring shall be level, firmly bonded, and free from undulations, lifting, curling, loose tiles, or uneven joints.

35.8 Workmanship

The installed flooring shall:

- Be uniformly level and properly aligned.
- Have tight-fitting joints and neat edge finishes.
- Be free from visible defects, wrinkles, bubbles, or uneven surfaces.
- Present a consistent and aesthetically pleasing appearance throughout the installation area.

35.9 Performance Requirements

The completed flooring shall provide:

- Durable anti-skid surface suitable for outdoor fitness activities.
- Good cushioning and impact resistance.
- Resistance to UV radiation and severe weather conditions.
- Long service life under normal outdoor usage.
- Easy maintenance and replacement of individual tiles, where necessary.

35.10 Inspection and Acceptance

The flooring will be inspected for:

- Material quality and thickness.
- Colour and surface finish.
- Bond strength.
- Joint quality.
- Levelness.
- Adhesion.
- Overall workmanship.

Only flooring meeting the specified requirements will be accepted.

35.11 Warranty

The complete flooring system, including tiles, PU adhesive, joints, and installation, shall carry a minimum comprehensive warranty of two (02) years against manufacturing defects, excessive wear under normal use, cracking, delamination, colour fading beyond acceptable limits, lifting, bond failure, and workmanship defects from the date of successful installation and acceptance.

35.12 Measurement

Measurement shall be made on the basis of the **actual finished area of EPDM + SBR safety flooring installed**, in square metres (m²) of complete installation.

35.13 Rate

The quoted rate shall include all materials, labour, transportation, loading, unloading, taxes, duties, insurance, royalties, and all incidental charges required to complete the work as directed by the Engineer-in-Charge.



Item No. 36

Providing and laying of IAAF Certified Sandwich running track system as per technical specification at site free from defects including loading, unloading, carriage and all taxes paid etc. and as per direction of Engineer- in- charge.

36.1 Scope of Work

The work shall comprise the design, supply, transportation, unloading, handling, storage, laying, installation, testing, and commissioning of an in-situ polyurethane-bound SBR + EPDM sandwich running track system over the prepared base, complete with primer, polyurethane binder, SBR base layer, EPDM wearing course, line marking, finishing, testing, labour, tools and tackles, and all incidental works required for satisfactory completion.

36.2 Standards

The running track system shall comply with the latest applicable Indian Standards or internationally accepted standards for synthetic athletic surfaces, including World Athletics Performance Specifications, EN 14877, DIN 18035, or equivalent.

The installed system shall be suitable for athletics training and recreational use under outdoor conditions.

36.3. System Construction

The running track shall consist of the following layers:

(a) Base Layer – Shock-Pad (8–10 mm)

An in-situ laid SBR rubber granule layer made from SBR granules mixed with polyurethane binder. Installed on-site using a paving machine.

(b) Sealer / Flood Coat (1–1.5 mm)

PU flood coat applied to seal the porous SBR base. Creates a smooth and uniform surface for the next layers. Improves bonding and prevents material absorption into lower layers.

(c) Wearing / Structural Layer – PU Layer (2–3 mm)

Self-levelling polyurethane layer. Adds structural strength and improves energy restitution. Ensures consistent surface hardness and elasticity.

(d) Top Wearing Layer – EPDM Granules (2–3 mm)

An EPDM rubber granule layer bound with polyurethane binder and mechanically laid over the SBR base.

Broadcasted EPDM granules in PU binder. Provides anti-slip, UV resistance, and weather durability. Available in multiple colours like red, blue, green, etc. Final surface used for running and athletics

The total finished thickness of the sandwich system shall be not less than 15 mm.

36.4 Material Requirements

SBR Layer

- SBR granules shall be clean, dry, uniformly graded, and free from dust, impurities, and contaminants.
- Polyurethane binder shall be compatible with the SBR granules and suitable for outdoor applications.

EPDM Layer

- EPDM granules shall be UV-stable, weather-resistant, colour-fast, and specifically manufactured for outdoor sports surfaces.
- Granules shall be uniformly graded to produce a dense, smooth, and durable wearing surface.
- Polyurethane binder shall provide excellent adhesion, flexibility, and long-term durability.

36.5 Performance Requirements

The completed running track shall provide:

- Uniform and seamless surface.
- High abrasion resistance.
- Slip-resistant finish under dry and wet conditions.
- Excellent shock absorption.
- Good energy restitution.
- Resistance to spike penetration and mechanical wear.
- Resistance to UV radiation and colour fading.
- Resistance to moisture, rain, temperature variations, and severe weather conditions.
- Good dimensional stability.
- Easy maintenance and cleaning.

The finished surface shall be free from cracks, blistering, delamination, depressions, segregation, or surface irregularities.

36.6 Colour

The EPDM wearing layer shall be supplied in a standard manufacturer's colour as approved by the Engineer-in-Charge prior to execution.

The finished colour shall be uniform throughout and resistant to fading under normal outdoor exposure.

36.7 Sub-base

The synthetic track shall be laid over a properly finished cement concrete base, as specified at site by Engineer-in-charge in consideration with manufacturers' specification.

The base shall be:

- Structurally sound.
- Properly cured.
- Smooth and level.
- Free from dust, grease, oil, moisture, loose particles, cracks, and other contaminants.

Any defects in the sub-base shall be rectified before commencement of laying.

36.8 Installation

Installation shall be carried out by experienced personnel strictly in accordance with the manufacturer's recommendations.

The work shall include:

- Surface inspection and preparation.
- Application of compatible primer wherever required.
- Mixing and laying of SBR granules with polyurethane binder.
- Mechanical laying and compaction to the specified thickness.
- Curing of the base layer.
- Installation of the EPDM wearing layer.
- Surface finishing to achieve a uniform texture.
- Curing of the complete system.
- Cleaning of the finished surface.

The completed surface shall be seamless, level, and free from undulations, pinholes, wrinkles, loose particles, or visible defects.

36.9 Line Marking

Where specified, lane markings and event markings shall be provided using compatible polyurethane line-marking paint.

Markings shall conform to the latest applicable athletic standards and approved drawings.

The markings shall be durable, accurately laid, and resistant to wear and weathering.

36.10 Workmanship

The completed track shall:

- Maintain uniform thickness throughout.
- Have consistent surface texture and appearance.
- Be free from visible joints, cracks, depressions, bubbles, or delamination.
- Exhibit proper adhesion between all layers and the sub-base.

36.11 Inspection and Acceptance

The completed running track shall be inspected for:

- Thickness.
- Surface finish.
- Colour uniformity.
- Adhesion.
- Levelness.
- Shock-absorbing characteristics.
- Line marking accuracy (where applicable).
- Overall workmanship.

The Engineer-in-Charge may require testing of the installed system for compliance with the specified performance requirements.

36.12 Warranty

The complete synthetic running track system, including SBR layer, EPDM wearing layer, polyurethane binders, primer, line markings, and workmanship, shall carry a minimum comprehensive warranty of five (05) years against manufacturing defects, excessive wear under normal use, cracking, delamination, debonding, blistering, premature deterioration, and workmanship defects from the date of successful completion and acceptance.

36.13 Measurement

Measurement shall be made on the basis of the actual finished area of the synthetic running track installed, measured in square metres (m²).

36.14 Rate

The quoted rate shall include all materials, labour, machinery, transportation, loading, unloading, taxes, duties, insurance, royalties, testing, and incidental charges required to complete the work as directed by the Engineer-in-Charge.



Item No.37

Supplying and Installation of Cast Iron Garden Bench Standard as per technical specification at site free from defects including loading, unloading, carriage and all taxes paid etc. and as per direction of Engineer- in- charge.

37.1. Scope of Work

The work shall comprise the design, manufacture, supply, transportation, unloading, installation, testing, and commissioning of three-seater outdoor cast iron benches, complete with cast iron supports, seat and backrest members, all fixing hardware, foundations/anchoring arrangements, protective coatings, labour, tools, and all incidental works necessary for satisfactory completion as directed by the Engineer-in-Charge.

The quoted rate shall include all materials, labour, transportation, loading, unloading, taxes, duties, insurance, and all incidental charges required for complete installation.

37.2. General Requirements

The bench shall be designed for installation in parking areas, public spaces, parks, airports, walkways, and other outdoor locations. The design shall provide comfortable seating for three (3) adults and shall be robust enough to withstand continuous public use and exposure to outdoor environmental conditions.

The bench shall conform to applicable Indian Standards or internationally accepted standards for outdoor street furniture and structural safety.

37.3. Dimensions

The bench shall have approximate dimensions as follows:

- Overall Length: 1800–2000 mm

- Overall Depth: 550–700 mm
- Overall Height: 750–900 mm
- Seat Height: 420–480 mm

Seating Capacity: Minimum three (03) Adults

Minor dimensional variations shall be acceptable provided the seating comfort, structural stability, and intended capacity are maintained.

37.4. Construction

- The side supports/legs shall be manufactured from cast iron of adequate strength and thickness.
- The seat and backrest may be manufactured from cast iron slats, galvanized steel, aluminium alloy, hardwood, recycled composite wood, or other durable weather-resistant materials.
- The complete bench shall be designed to safely withstand repeated public use without excessive deflection or structural deformation.
- All edges and corners shall be rounded and free from burrs or sharp projections.

37.5. Materials

- Cast iron components shall be free from blow holes, cracks, shrinkage defects, and other casting imperfections.
- Metallic members shall possess adequate structural strength for outdoor public seating applications.
- Timber or composite members, where provided, shall be treated for resistance against moisture, termites, fungal attack, and weathering.
- Plastic or composite components, if used, shall be UV-stabilized and suitable for outdoor use.

37.6. Protective Finish

- Cast iron and steel components shall receive suitable anti-corrosion treatment followed by exterior-grade primer and durable powder coating, polyurethane coating, or equivalent weather-resistant finish.
- Where powder coating is adopted, the minimum dry film thickness shall be 60 microns.
- Timber components shall be treated and finished with exterior-grade protective coating or equivalent weather-resistant finish.
- The finished surface shall be smooth, uniform, and free from peeling, blistering, cracks, or other visible defects.

37.7. Fasteners

- All nuts, bolts, screws, washers, and fixing hardware shall be stainless steel, hot-dip galvanized, or otherwise corrosion-resistant.
- Exposed fasteners shall be tamper-resistant wherever practicable.

10. Workmanship

The completed bench shall:

- Be properly aligned and securely fixed.
- Have uniform finish and appearance.

- Be free from cracks, casting defects, dents, distortion, or coating defects.
- Have neatly finished joints and connections.

12. Warranty

The complete bench, including cast iron components, seat and backrest, protective coating, fasteners, and installation, shall carry a minimum comprehensive warranty of two (02) years against manufacturing defects, structural failure, corrosion, coating failure, and workmanship defects from the date of successful installation and acceptance.

13. Measurement

Measurement shall be made on the basis of the number of fully installed benches (Each), complete in all respects, including all accessories, anchoring arrangements, foundations (where applicable), and incidental **works**.

14. Rate

The quoted rate shall include all materials, labour, machinery, transportation, loading, unloading, taxes, duties, insurance, royalties, testing, and incidental charges required to complete the work as directed by the Engineer-in-Charge.



LIST OF PREFERRED MAKE (CIVIL WORKS)

LIST OF PREFERRED MAKES FOR USE IN AAI WORKS

1. Brand names of materials to be used are listed here and indicative only. Mere inclusion of brand name in this list does not guarantee for use in work unless specification of brand meets technical specifications of product as stipulated in tender document. The specifications of the products as mentioned in this tender document shall take preference over the make list. The contractor will be required to provide items/material as per the specifications indicated in tender document.

2. The following list of preferred makes is exhaustive. However, additional manufacturers or brands may be considered for any specified product or item, depending on market availability, delivery timelines, and proven satisfactory performance in similar projects or works—preferably where such a make or product has been used in quantities constituting at least eighty percent (80%) of the estimated or proposed requirement for the relevant project or work. To establish performance, completion certificates, performance certificates and purchase orders accompanied by tax invoices will be considered, provided that the products comply with the technical specifications stipulated in the tender document."

3. In case, Model no. of any product as mentioned in tender document is discontinued by manufacturer (documentary evidence from manufacturer is must to establish this), then contractor is bound to provide latest model of same manufacturer subject to meeting the technical specification without any financial implication.

4. The tenderers shall quote his rates on the basis of the price for the best quality product of the brand/make stipulated for the item of work in the list of preferred make/specifications. The agency shall submit at least three brands from the list given below along with the rates (having price variation within 10%) and specifications for the approval of Engineer-in-Charge before placing order. EIC shall approve any of the two brands.

Sl. No.	Name of Product / item	Proposed Brands / Makes / Manufacturers	
1	CEMENT	ACC Ltd. / Ultra Tech / Shree Cement Ltd. / Ambuja / Jaypee / Century / J.K. Laxmi (JK Lakshmi Cement Ltd.) / JK Cement / Nuvoco / Dalmia Cement (Bharat) Ltd. / Birla A1 (Orient cement Ltd.) / Star Cement / PENNA / Max Cement / Ramco Cement / Chettinad Cement / Wonder (Wonder Cement Limited) / JSW Cement / Zuari Cement / Prism Cement	
2	TMT REINFORCEMENT STEEL	SAIL / RINL (VIZAG Steel) / TATA TISCON (TATA Steel Limited) / JSW Steel Ltd. / JSPL / Shyam Steel Industries Ltd. / ESL Steel Ltd. / Shyam Metaliks & Energy Ltd. / Shri Bajrang Power & Ispat Ltd. / Rashmi Metaliks Limited / SRMB Srijan Private Limited / MS Agarwal Foundries Private Limited / Real Ispat and Power Limited / Jai Balaji Industries Limited / Maithan Steel & Power Limited	
3	STRUCTURAL STEEL-MS TUBULAR SECTIONS (CIRCULAR, SQUARE, RECT ANGULAR) FOR COLUMNS, TRUSS, MS PIPES, FLATS, ANGLES, BEAMS, CHANNELS, STRIPS ETC.	SAIL / RINL (VIZAG Steel) / TATA Structura (TATA Steel Limited) / JSW Steel Ltd. / JSPL / APL Apollo Tubes Ltd. / Shyam Metaliks & Energy Ltd. / Surya Roshni Ltd.	
		Nezone Tubes Ltd. / Utkarsh India Ltd. / Hi-Tech Pipes Ltd.	For works costing up to 15 Cr works
4	VITRIFIED / CERAMIC TILES	Prism Johnson Limited (H&R Johnson (India) Ltd.) / NITCO Tiles Ltd. / Somany Ceramics Ltd. / Orient Bell Ltd. / Oracle Granito Ltd. / Kajaria Ceramics Ltd. / RAK Ceramics (RAK Ceramics Ltd.) / AGL (Asian Granito India Ltd.) / Oasis Vitrified Tiles (Oasis Vitrified Pvt. Ltd.) / Varmora Granito Pvt. Ltd. / Qutone Ceramic Pvt. Ltd. / Ambani Vitrified Pvt. Ltd. / Simpolo Vitrified Pvt. Ltd. / Pavit Ceramics Pvt. Ltd. / Aparna Enterprises Ltd. / SUNHEAART CERAMIK (Sunshine Tiles Company Pvt. Ltd)	
5	ALUMINIUM STANDING SEAM ROOFING SYSTEM	KALZIP (Kalzip India Pvt. Ltd.) / Kingspan (Kingspan Jindal Pvt. Ltd) / BEMO (Bemo System GmbH) /	
		New Look Furnishers	For roofing work upto 15,000 sqm.
6	METAL CEILING TILE/BAFFLE CEILING	Hunter Douglas India Pvt. Ltd. / Durlum India Pvt. Ltd. / Saint Gobain Gyproc India Ltd. / Knauf Ceiling Solutions (India) Pvt. Ltd. (Formerly Armstrong World Industries (India) Pvt. Ltd.) / USG Knauf (Knauf India Pvt. Ltd.) / Dexune (Dexune Marketing Pvt Ltd.) / Ceiflo Technologies Pvt. Ltd.	

Sl. No.	Name of Product / item	Proposed Brands / Makes / Manufacturers
7	GALVALUME/STEEL SHEET ROOFING (TOP & BOTTOM) OVER M.S. STRUCTURE	Tata Bluescope Steel Ltd. / Jindal Steel (Jindal India Ltd.) / JSW Steel Coated Products Limited / APL Apollo Building Products Private Limited / Colorshine Coated Pvt. Ltd.
8	ALUMINIUM COMPOSITE PANELS (ACP)	Alucobond (3A Composite India Pvt. Ltd.) / Alstrong Enterprises India Pvt. Ltd. / Aludecor Lamination Pvt. Ltd / EUROBOND(Euro Panel Product Ltd.) / Alstone(Alstone International) / VIVA(Viva Composite Panel Pvt Ltd.) / Alutech(Alutech Industries) / VIRGO(Virgo Laminates Ltd.) / Alutuff(Ashoka foam multiplast Pvt. Ltd.) / Alexia Panels / Timexbond Industries Pvt. Ltd.
9	HONEYCOMB COMPOSITE PANELS (HCP)	Alucobond(3A Composite India Pvt. Ltd.) / Aludecor Lamination Pvt. Ltd / EUROBOND(Euro Panel Product Ltd.) / Alstone(Alstone International) / VIVA(Viva Composite Panel Pvt Ltd.) / Alutuff(Ashoka foam multiplast Pvt. Ltd.)
10	ZINC COMPOSITE PANELS (ZCP)	Aludecor Lamination Pvt.Ltd / Alstone(Alstone International) / VIVA(Viva Composite Panel Pvt Ltd.) / EUROBOND(Euro Panel Product Ltd.)
11	ALUMINIUM EXTRUSIONS / STRUCTURAL MEMBERS	Hindalco Industries Ltd. / Jindal Aluminium Ltd. / Bhoruka (Bhoruka Extrusions Pvt. Ltd.) / NALCO
12	FLOAT GLASS / HIGH PERFORMANCE GLASS	Saint Gobain Glass India Ltd. / AIS Glass Solution Ltd / Pilkington / Guardian Sun Guard /Modi Guard(Gujarat Guardian Limited) / Sisecam Flat Glass India Pvt. Ltd. / Gold Plus Glass Industry Ltd. / TPRS Enterprises Pvt. Ltd.
13	UPVC DOORS & WINDOW	Aparna venster /Okotech(Aparna Enterprises Ltd.) / Fenesta(Fenesta Building Systems) / Aluplast / NCL Veka Ltd. / Window Magic India Pvt. Ltd. / Rajshri Plastiwood
14	WOOD POLYMER COMPOSITE(WPC)	ECOBORD (Alstone Industries Pvt. Ltd.) / Rajshri Plastiwood (Div. of Rajshri Productions Pvt. Ltd.) / KAKA Industries Ltd.
15	ADMIXTURES /WATER PROOFING COMPOUND/ ACRYLIC CEMENTITIOUS COATING/ LIQUID MEMBRANE (POLYURETHANE & POLYUREA)/HDPE & SELF ADHESIVE MEMBRANE	Pidilite Industries Ltd. / FOSROC Chemicals (India) Pvt. Ltd. / CICO Technologies Ltd. / Sika India Pvt. Ltd. / BASF India Ltd. / MC-Bauchemie (MC-Bauchemie India Pvt. Ltd.) / Ardex Endura (India) Pvt. Ltd. / STP Ltd. / Choksey Chemicals Pvt. Ltd. / MYK Laticrete (MYK Laticrete Pvt. Ltd. / Mapei (Mapei Construction Products Pvt. Ltd) / Chryso India Pvt. Ltd. / Maruti Bitumen Pvt. Ltd. / Penetron India Pvt. Ltd. / Supreme Bituchem India Pvt. Ltd. / Asian Paints Ltd. / IWL India Ltd. / TP Buildtech Pvt. Ltd. / MYK Arment Pvt. Ltd. / Technicol India Pvt. Ltd. / Saint-Gobain India Pvt. Ltd. / Ferrous Crete(India) Pvt. Ltd. / Fair Mate Chemicals Pvt. Ltd. / Berger Paints India Ltd.
16	BIPOLAR CORROSION INHIBITOR ADMIXTURE	STP Ltd. / Sika India Pvt. Ltd. / BASF India Ltd. / Chryso India Pvt. Ltd. / Supreme Bituchem India Pvt. Ltd.
17	REINFORCEMENT COUPLER	Dextra / G-Tech / HI-Tech Engineering Solutions / Sanfeld (India) Ltd.
18	HARDWARE FITTING	Dormakaba India Pvt. Ltd. / Q-Railing India Pvt. Ltd. (Formely D-Line) / Hafele India Pvt. Ltd. / GEZE GmbH / Linco Technology Pvt. Ltd. / Assa Abloy / Kich Architectural Products Pvt. Ltd. / Godrej & Boyce / LGF Sysmac India Pvt. Ltd. / Rinox Kaufmann Ltd. / Ozone India Pvt. Ltd. / Everite / Define / Hardwyn(Hardwyn India Ltd.) / Arkay / Dorset Industries Pvt. Ltd. / Prayag Polymers Pvt. Ltd. / Hettich India Pvt. Ltd. / Ozone Overseas Pvt. Ltd.
19	STEEL/WOOD FIRE RESISTANT SHUTTER	Navair Ltd. / Pormat International Ltd. / Shakti Hormann Pvt. Ltd. / Sukri Paints & Chemicals / Iclean / Signum Fire Protection / Pacific(Pacific Fire Controls Pvt. Ltd.) / ASES Security Pvt. Ltd.
20	LAMINATES/ LAMINATED PARTICLE BOARD/ PRELAMINATED BOARD/ MDF/ PLY BOARD/FLUSH DOORS	Greenlam Industries Ltd. / Merino Industries Ltd. / Century Plyboard (I) Ltd. / Nationl Ply / Archidply(Archidply Industries Limited) / Kitply Industries / Novapan / Duro / Mayur Doors / Greenply / ASIS / Greenpanel Industries Limited / Punjab Plywood Industries / Stylam Industries Ltd.

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Sl. No.	Name of Product / Item	Proposed Brands / Makes / Manufacturers
21	GYPSUM BOARD PARTITION	Saint Gobain Gyproc India Ltd. / USG Knauf (Knauf India Private Limited) / Knauf Ceiling Solutions(India) Pvt. Ltd.(Formerly Armstrong World Industries (India) Pvt. Ltd./ Kanuf AMF India Pvt. Ltd.) / Vans Gypsum
22	FASTENERS/ANCHOR FASTENERS	Hilti(Hilti (India) Pvt. Ltd.) / Fischer / BOSCH / Fasteners India / Mungo / Rawl Plug
23	WOODEN LAMINATED FLOORING/ VINYL FLOORING / RUBBER FLOORING	Pergo Ltd. / Action Tesa / Unitex / Knauf Ceiling Solutions(India) Pvt. Ltd.(Formerly Armstrong World Industries (India) Pvt. Ltd.) / Epitome / Scheit / Responsive Industries Ltd. / Greenlam Industries Ltd. / Greenpanel Industries Ltd.
24	EPOXY/PU FLOORING	STP Ltd. / Sika India Pvt. Ltd. / BASF India Ltd. / FOSROC Chemicals (India) Pvt. Ltd. / Tremco CPG (India) Pvt. Ltd. / Cipy Polyurethanes Pvt. Ltd / NITCO Tiles Corp. / Maruti Bitumen Pvt. Ltd. / Supreme Bituchem India Pvt. Ltd. / Chryso India Pvt. Ltd. / Saint-Gobain India Pvt. Ltd. / Bostik India Pvt Ltd. / Asian Paints Ltd. / Pidilite Industries Ltd. / Berger Paints India Ltd. / MYK Arment Pvt. Ltd.
25	TILE JOINT FILLER, TILE/AAC BLOCK/ STONE FIXING ADHESIVE/ SOLID EPOXY GROUT	Ardex Endura (India) Pvt. Ltd. / Ferrouscrete India Pvt.Ltd / MYK Laticrete (MYK Laticrete Pvt. Ltd.) / Pidilite Industries Ltd. / FOSROC Chemicals (India) Pvt. Ltd. / BASF India Ltd. / Fairmate(Fair Mate Chemicals Pvt.Ltd.) / STP Ltd. / Home Pride Adhesive Pvt. Ltd. / Saint-Gobain India Pvt. Ltd. / Berger Paints India Ltd. / Somany Ceramics Ltd.
26	FLOOR HARDENER	STP Ltd. / Sika India Pvt. Ltd. / BASF India Ltd. / Pidilite Industries Ltd. / FOSROC Chemicals (India) Pvt. Ltd. / Ironite / Mapei (Mapei Construction Products Pvt. Ltd.) / Chryso India Pvt. Ltd. / Supreme Bituchem India Pvt. Ltd. / Saint-Gobain India Pvt. Ltd. / MYK Arment Pvt. Ltd.
27	POLYCARBONATE SHEET	Lexan/Sabic (GE Plastic) / Dan Pal / Polygal India Pvt. Ltd. / Gallina India Pvt. Ltd. / Coxwell Domes (Coxwell Domes Engineers Pvt. Ltd.) / TufLite / DPI Daylighting Pvt Ltd.
28	CALCIUM SILICATE /MINERAL FIBER FALSE CEILING TILES/GYPSUM FALSE CEILING BOARDS/ PARTITION BOARDS	Saint Gobain Gyproc India Pvt. Ltd. / Llyod Insulation India Ltd. / Knauf Ceiling Solutions(India) Pvt. Ltd.(Formerly Armstrong World Industries (India) Pvt.Ltd./Knauf AMF India Pvt. Ltd.) / Aerolite Ceiling System/Andhra Polymers Pvt. Ltd. / USG Knauf (Knauf India Pvt Ltd.) / Hilux(Ramco Industries Ltd) / Gridline / Everest / Dexune(Dexune Marketing Pvt Ltd.) / Vans Gypsum / New Age False Ceiling Pvt. Ltd.
29	FIBER CEMENT BOARD/ CEMENT BOARD	Bison (NCL Industries Ltd.) / Hicem(Ramco Industries Ltd.) / Everest (Everest Industries Ltd.) / Visaka Industries Ltd.
30	PAINTS FOR STEEL STRUCTURE (EPOXY PAINTS)/ PU PAINTS/ WATER PROOF CEMENT PAINTS/ PRIMER/ DISTEMPER/ TEXTURE FINISH PAINT/ SYNTHETIC ENAMEL PAINT/ FIRE RETARDANT PAINT	Akzo Nobel India Pvt. Ltd. / Jenson & Nicholson / Oikos India Pvt.Ltd. / Asian Paints Ltd. / Berger Paints India Ltd. / Nerolac / Acro Paints Ltd. / Snowcem India Ltd. / Shalimar (Shalimar Paints Ltd.) / Jotun / Grauer & Weil (India) Ltd. / STP Ltd. / Hempel Paints India Pvt. Ltd.
31	WALL PUTTY	J.K.Cement / Toyo Ferrouscrete India Pvt. Ltd. / Birla White / Dalmia Magic Premium Skim Coat(Dalmia Cement (Bharat) Ltd.) / Asian Paints Ltd. / NCL Buildtek Pvt. Ltd. / Ferrous Crete(India) Pvt. Ltd. / Saint-Gobain India Pvt. Ltd.
32	EXPANSION JOINT FILLER BOARD/ JOINT COVERS	Vexcolt International Ltd. (U.K) / Construction Specialities (USA) / The Supreme Industries Ltd. / STP Ltd. / Dupont / Sanfeild / Hercules / Z-Tech / DECG International / M.M.Systems / Kantaflex-Balco (Kantaflex (India) Pvt. Ltd.) / Mapei(Mapei Construction Products Pvt. Ltd.) / Migua / Insuboard / Soprema / Supreme Bituchem India Pvt. Ltd.

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Sl. No.	Name of Product / item	Proposed Brands / Makes / Manufacturers
33	GLASS GRID FOR BITUMINOUS WORKS	Saint Gobain ADFORS / Maccaferri Environmental Solutions Pvt. Ltd. / Techfab Industries Ltd. / Giridhar Techfab Pvt. Ltd. / Terrain Infratech / Flexituff International Ltd. / Supreme Non-Woven Ind. Pvt. Ltd.
34	RUNWAY MARKING PAINT (WATER BASED)	Nerolac / Berger Paints(Berger Paints India. Ltd.) / Asian Paints Ltd. / ITS Coating Pvt.Ltd. / Supreme Bituchem India Pvt. Ltd. / STP Ltd.
35	SANITARY WARE/FIXTURE/ FITTINGS	Kohler Co. (USA) / Jaquar and Company Pvt. Ltd. / American Standard / HINDWARE / QUEO (Hindware limited) / PARRYWARE / ROCA (Roca Bathroom Products Pvt. Ltd.) / Grohe AG (Germany) / Franke (Switzerland) / Bobrick Washroom Equipment Inc. / Duravit / Marc / H&R Johnson (India) Ltd/Prism Johnsons Ltd. / CERA/Senator (Cera Sanitaryware Ltd.) / Somany Ceramics Ltd. / Dolphy India Pvt. Ltd. / Rak Ceramics India Pvt. Ltd Euronics (Euronics Industries Pvt.Ltd.) (Except SS Napkin and Soap Dispenser)
36	GLASS MIRROR	Saint Gobain Glass India Ltd. / Pilkington / AIS Glass Solution Ltd / Modi Guard (Gujarat Guardian Ltd.) / Atul Ltd. / Glaverbel / Sisecam Flat Glass India Pvt. Ltd.
37	SS SINK	Nirali (Jyoti Kitchen Industries Pvt. Ltd.) / Jayna / Franke (Switzerland) / Prayag(Prayag Polymers (P) Ltd.) / Cera Sanitaryware Ltd.
38	SPECIALY-ABLED FITTING	Pressalit Ltd. / Hindustan / Euronics Industries Pvt. Ltd.
39	G.I. PIPE FITTINGS	Unik / Zoloto Malleables / Leader Valves Ltd. / Surya / R-Brand / KS / SS
40	SOIL WASTE & VENT PIPES & FITTINGS AND WATER SUPPLY PIPES- SAND CAST IRON S&S/ CENTRIFUGALLY CAST (SPUN) S&S/ HUBLESS CENTRIFUGALLY CAST SPUN IRON PIPES	NECO(Jayaswal Neco Industries Ltd.) / BIC / RIF / Electrosteel Steels casting Ltd. / SKF / Kapilansh Dhatu Udyog(P) Ltd. / Saint Gobain / HEPCO(Binay Udyog Pvt Ltd.) / Raj Pattern Makers & Founders Pvt. Ltd.
41	SOIL WASTE & VENT PIPES & FITTINGS AND WATER SUPPLY PIPES- CENTRIFUGALLY (SPUN) CI PIPES CLASS 'LA'/ DUCTILE IRON PIPE	Kesoram / Electro Steel casting Ltd / NECO(Jayaswal Neco Industries Ltd.) / BIC / TATA / RIF / SAIL
42	CI MANHOLE COVERS & CI GRATING	NECO(Jayaswal Neco Industries Ltd.) / BIC / RIF / Electro Steel casting Ltd. / SKF / Kesoram / Kapilansh Dhatu Udyog(P) Ltd. / Kartar / HEPCO (Binay Udyog Pvt Ltd.)
43	STRUCTURAL/ WEATHER SEALANT FOR STRUCTURAL GLAZING/ACP	Wacker / Dow coming / G.E. Plastics / Pidilite Industries Ltd. / FOSROC Chemicals (India) Pvt. Ltd. / BASF India Ltd. / STP Ltd. / Rawl Plug / Choksey Chemicals Pvt. Ltd. / Supreme Bituchem India Pvt. Ltd. / Maruti Bitumen Pvt. Ltd. / Sika India Pvt. Ltd.
44	POLY SULPHIDE / POLYURETHANE SEALANT FOR JOINTS	FOSROC Chemicals (India) Pvt. Ltd. / Choksey Chemicals Pvt. Ltd. / Pidilite Industries Ltd. / Sika India Pvt. Ltd. / Dow coming / MYK Latikrete (MYK Latikrete Pvt. Ltd.) / Tuffseal / Wacker / G.E. / STP Ltd. / ASF India Ltd. / Maruti Bitumen Pvt. Ltd. / Chryso India Pvt. Ltd. / Supreme Bituchem India Pvt. Ltd. / Bostik India Pvt Ltd / MYK Arment Pvt. Ltd. / McCoy Soudal Sealants Adhesives & Foams Pvt. Ltd.
45	MODULAR S.S. /GLASS RAILING	Dormakaba India Pvt. Ltd. / Jindal Lifestyle Ltd. / GEZE GmbH / Q-Railing India Pvt. Ltd. (Formerly D-Line) / Linnox Technologies Pvt. Ltd. / Kich Architectural Products Pvt. Ltd. / Ozone India Pvt. Ltd. / Assa Abloy / Rinox Kaufmann Ltd.
46	COMPACT LAMINATE TOILET CUBICAL/URINAL PARTITIONS	Greenlam Sturdo (Greenlam Industries Ltd.) / Merino Industries Ltd. / Bobrick Washroom Equipment Inc. / Dormakaba India Pvt. Ltd. / Trespa / T-Line(INNER SPACE) / Stylam Industries Ltd.
47	SOLID ACRYLIC SURFACE BOARDS	Dupont / LG-Himacs (LX Hausys India Pvt. Ltd) / Hanex / GMGR India (Samsung Staron) / Neonnex

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Sl. No.	Name of Product / item	Proposed Brands / Makes / Manufacturers
48	TENSILE FABRIC	Mehler Texnologies (Low & Bonar India Pvt. Ltd.) / Serge Ferrari India Pvt. Ltd. / Sattler PRO-TEX
49	AUTOCLAVED AERATED CEMENT (AAC) BLOCKS	Magcrete Building Solutions Pvt. Ltd. / Finecrete Eco-Blocks Pvt. Ltd. / Aerocon / Bilt Technologies / JK / Instablock / Max Blocks / RS Green Infra (India) Pvt. Ltd. / Siporex / Kataria Ecotech. Pvt. Ltd. / Krrish White Bricks LLP / Jindal AIR / NCL Buildtek Pvt. Ltd.
50	AUTOMATIC REVOLVING / SWING DOOR	Dormakaba India Pvt. Ltd. / Hafele India Pvt. Ltd. / GEZE GmbH / Gilgen Door System AG / Linx Technology Pvt. Ltd. / Assa Abloy / Autoingers
51	WALKWAYS/FALL PROTECTION SYSTEM	WULMET / Latchways (Fall Arrest Systems & Technologies Pvt. Ltd.) / Capital Safety(3M SAMCO) / Honeywell / Checkmate / Karam Safety Pvt. Ltd. / Kingspan Jindal Pvt. Ltd.
52	ROOF HATCH	NYSTROM / BABENKO / BILCO / Checkmate
53	GYPSUM PLASTER/ POLYMER MODIFIED SELF CURING MORTAR	Ferrous Crete(India) Pvt. Ltd. / Ultra Tech / Saint Gobain Gyproc India Ltd. / Dow Construction Chemicals / BASF India Ltd. / Asian Paints Ltd. / Saint-Gobain India Pvt. Ltd.
54	CURING COMPOUND (RESIN BASED & WAX BASED)	FOSROC Chemicals (India) Pvt. Ltd. / Sika India Pvt. Ltd. / BASF India Ltd. / Supreme Bituchem India Pvt. Ltd. / CICO Technologies Ltd. / STP Ltd. / Berger Paints India Ltd.
55	DECORATIVE FILMS/ SAFETY FILMS	3M / Avery Dennison / Deck
56	STEEL NANO COAT	Four Solutions Pvt. Ltd. / Meta-Chem Paints & Adhesives Pvt. Ltd. / Advanced Lab
57	GEOTEXTILE PRODUCTS	TechFab India Industries Ltd. / Strata Geosystems (India) Pvt. Ltd. / Suntech Geotextile Pvt. Ltd.
58	SOIL REINFORCEMENT GEOSYNTHETICS	Maccaferri Environmental Solutions Pvt. Ltd. / Strata Geosystems (India) Pvt. Ltd. / Tech Fab India Industries Ltd.
59	UPVC/CPVC/SWR PVC PIPES & FITTINGS	The Supreme Industries Ltd. / Finolex Industries Ltd / Savoir Faire Manufacturing Co. Pvt. Ltd. / AKG Extrusions Pvt Ltd. / Surya Roshni / Astral / Prince / Ori-plast / Ashirvad / Vectus / Prayag(Prayag Polymers Pvt. Ltd.) / Balco / Texmo Pipes and Products Ltd.
60	ROCKWOOL GLASSWOOL INSULATION	UP Twiga / Roxul-Rockwool / Rockloyd / Rockwool India / Lloyd Insulations India Ltd. / Polybond Insulation Pvt. Ltd.
61	G.I. PIPE	Tata Steel Ltd. / Jindal Pipes Ltd. / Surya Roshni (Surya Roshni Ltd.) / APL Apollo Tubes Ltd. / Zenith / Utkarsh Pipes & Tubes Ltd. / Nezone Tubes Ltd. / Hi-Tech Pipes Ltd. / Jotindra Steel & Tubes Ltd.
62	SLUICE VALVE/PRESSURE REDUCING VALVE/NON-RETURN VALVE (CI/GUN METAL)	Sant Valves Pvt. Ltd. / Zoloto / Audco(L&T) / Castle / Leader Valves Ltd. / Kartar / Honeywell / IVC
63	HDPE PIPES	Geberit / Saint Gobain / Savior Faire Manufacturing Co. Ltd. / Jain Irrigation / Ori-plast / East - Hooghly Agro Plantation Pvt. Ltd.

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Schedule of Quantities

Name of work: **Development of Children's park in AAI Residential Colony at Dibrugarh Airport. (SH: Redevelopment of Children's park, Outdoor gym, Running Track Flooring, Badminton Court Flooring at Dibrugarh Airport)**

TENDER ID: **2026_AAI_284342_1**

Sl. No.	DESCRIPTION	QTY	UNIT
1	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge: All kinds of soil	1435.00	sqm
2	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge. All kinds of soil	50.00	cum
3	Extra for levelling & neatly dressing of disposed soil completely as directed by Engineer-in-charge.	952.00	cum
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	20.00	cum
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:4:8 (1 Cement: 4 coarse sand (zone-III) derived from natural sources: 8 graded stone aggregate 40 mm nominal size derived from natural sources)	144.00	cum
6	Centering and shuttering including strutting, propping etc. and removal of form for: Foundations, footings, bases of columns, etc. for mass concrete	110.00	Sqm
7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars Grade of steel: Fe 500	500.00	Kg
8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources: 3 graded stone aggregate 20 mm nominal size derived from natural sources)	20.00	cum
9	Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement: 6 coarse sand) /AAC Block	10.00	cum
10	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	1000.00	kg
11	12 mm cement plaster of mix: 1:6 (1 cement: 6 fine sand)	200.00	sqm

Sechdule of Quantites (SOQ)

C-Nil I-Nil O-Nil

SOQ (1)

Sl. No.	DESCRIPTION	QTY	UNIT
12	Finishing walls with Acrylic Smooth exterior paint of required shade: Old work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	200.00	sqm
13	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work.	200.00	sqm
14	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	200.00	sqm
15	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	10.00	cum
16	Providing and laying 60 mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	360.00	sqm
17	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	12.00	cum
18	Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge : Flamed finish granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	20.00	sqm
19	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS: 13592 Type A, including jointing with seal ring conforming to IS: 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 75 mm diameter	50.00	metre
20	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS: 13592 Type A, including jointing with seal ring conforming to IS: 5382, leaving 10 mm gap for thermal expansion. Coupler 75 mm	10.00	Each
21	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS: 13592 Type A, including jointing with seal ring conforming to IS: 5382, leaving 10 mm gap for thermal expansion. Bend 87.5° 75 mm bend	3.00	each

Sl. No.	DESCRIPTION	QTY	UNIT
22	Providing and fixing Glass mosaaic tiles on finished plain wall surface of size 20 mm x 20 mm x 4 mm in all colour, design, fixing in customize design as per direction of Engineer-in- Charge. The glass mosaic tiles to be fixed on the wall surface with the help of approved adhesive applied at the rate of 2.5 kg per sqm and grouting of the same. The rate is inclusive of all operation, material and required pattern approved by Engineer-in-Charge:	100.00	sqm
23	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold-water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall. 15 mm nominal dia Pipes.	50.00	metre
24	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete: 15 mm nominal bore.	2.00	Each
25	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931: 15 mm nominal bore.	1.00	Each
26	Providing & laying Selection no. 1 doob grass turf with earth 50mm to 60mm thickness of existing ground prepared with proper level and ramming with required tools wooden and than rolling the surface with light roller make the surface smoothen and light watering the same maintenance for 30 days or more till the grass establish properly, as per direction of officer in charge	451.00	sqm
27	Supplying and stacking at site dump manure from approved source, including carriage upto 5 km lead complete (manure measured in stacks will be reduced by 8% for payment) Screened through sieve of I.S. designation 4.75 mm	100.00	cum
28	Supplying and stacking of well decayed cattle manure at site including royalty and carriage upto 5 k.m. lead complete (Cattle manure measured in stacks will reduced by 8% for Payment).	100.00	cum
29	Supplying at site and planting at approved locations after preparation of soil Seasonal Flowering seedling/saplings like petunia, Carnation, Zeranum, Pansy, Salvia, Antirrhinum, Cinerirea, Dianthus, Phlox, Marigold, Calendula, Alyssum, Dahlia, vinca hybrid, Portulaca hybrid, Cosmos well etc and other variety suitable for as per season and local weather conditions to the satisfaction of Engineer in charge.	5000.00	each
30	Providing and fixing Childrens' play equipment including excavation, PCC/RCC foundation, anchoring, erection, alignment, fastening with all nuts, bolts and accessories, anti-corrosive treatment, painting/powder coating, curing, testing and commissioning complete in all respects as per manufacturer's specifications and direction of Engineer-in-Charge		
30.1	Multi Play Station	1.00	each

Sl. No.	DESCRIPTION	QTY	UNIT
30.2	Arch Climber	1.00	each
30.3	Combo/Double Two-Seater See-Saw	1.00	each
30.4	2-Seater Swing	1.00	each
30.5	Circle Swing	1.00	each
30.6	Rock and Rope Climber	1.00	each
30.7	4-Seater Merry Go Round	1.00	each
30.8	Jumbo Slide/Wave slide	1.00	each
30.9	Standard Straight Slide	1.00	each
30.10	Pony Rocker	1.00	each
31	Providing and fixing Outdoor Gym equipment including excavation, PCC/RCC foundation, anchoring, erection, alignment, fastening with all nuts, bolts and accessories, anti-corrosive treatment, painting/powder coating, curing, testing and commissioning complete in all respects as per manufacturer's specifications and direction of Engineer-in-Charge		
31.1	Parallel Bar	1.00	each
31.2	Double Sit up board	1.00	each
31.3	Triple standing Twister	1.00	each
31.4	Double Air walker	1.00	each
31.5	Double Cross Trainer	1.00	each
31.6	Double running machine	1.00	each
31.7	Push Up bar	1.00	each
31.8	Recumbent Bike	1.00	each
31.9	Chest Press	1.00	each
32	Supplying & Installation of BWF Approved PVC badminton Flooring as per technical specification at site free from defects along with all the line marking, joining etc. including loading, unloading, carriage and all taxes paid etc. and as per direction of Engineer-in-charge. (Colour to be approved by EIC)	98.00	sqm

Sl. No.	DESCRIPTION	QTY	UNIT
33	Supplying & Installation of Black coloured Anti Skid EPDM Flooring thickness more than 20 mm for Gym at site free from defects including loading, unloading, carriage and all taxes paid etc. and as per direction of Engineer- in- charge.	50.00	Sqm
34	Providing and laying of approved 19 mm insitu SBR rubberized flooring plus 6 mm EPDM flooring laid over concrete which can resist UV radiation and withstand sever weather conditions and approved colour complete for kids in play areas including necessary PU binding materials all complete as per direction and satisfaction of Engineer-in-charge.	900.00	Sqm
35	Providing and laying of approved 9 mm insitu SBR rubberized flooring plus 6 mm EPDM flooring laid over concrete which can resist UV radiation and withstand sever weather conditions and approved colour complete for outdoor gym area including necessary PU binding materials all complete as per direction and satisfaction of Engineer-in-charge.	150.00	Sqm
36	Providing and laying of IAAF Certified Sandwich running track system as per technical specification at site free from defects including loading, unloading, carriage and all taxes paid etc. and as per direction of Engineer- in- charge.	375.00	Sqm
37	Supplying and Installation of Cast Iron Garden Bench Standard as per technical specification at site free from defects including loading, unloading, carriage and all taxes paid etc. and as per direction of Engineer- in- charge.	12.00	each

Validate Print Help

Item Rate BoQ

Tender Inviting Authority: Jeeshan Ali Ansari, SM(Engg-Civil), AAI, Dibrugarh Airport

Name of Work: Development of Children's park in AAI Residential Colony at Dibrugarh Airport. (SH: Redevelopment of Children's park, Outdoor gym, Running Track Flooring, Badminton Court Flooring at Dibrugarh Airport)

Contract No: 2026_AAI_284342_1

Name of the Bidder/ Bidding Firm / Company :						
PRICE SCHEDULE						
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge: All kinds of soil	1,435.00	sqm		0.00	INR Zero Only
2	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil	50.00	cum		0.00	INR Zero Only
3	Extra for levelling & neatly dressing of disposed soil completely as directed by Engineer-in-charge.	952.00	cum		0.00	INR Zero Only
4	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	20	cum		0.00	INR Zero Only
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	144.00	cum		0.00	INR Zero Only
6	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	110.00	Sqm		0.00	INR Zero Only
7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars Grade of steel: Fe 500	500.00	Kg		0.00	INR Zero Only
8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	20.00	cum		0.00	INR Zero Only
9	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand) /AAC Block	10.00	cum		0.00	INR Zero Only
10	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	1000.00	kg		0.00	INR Zero Only
11	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	200.00	sqm		0.00	INR Zero Only

12	Finishing walls with Acrylic Smooth exterior paint of required shade : Old work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	200.00	sqm		0.00	INR Zero Only
13	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work.	200.00	sqm		0.00	INR Zero Only
14	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	200.00	sqm		0.00	INR Zero Only
15	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	10.00	cum		0.00	INR Zero Only
16	Providing and laying 60 mm thick factory made cement concrete interlocking paver block of M-30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	360.00	sqm		0.00	INR Zero Only
17	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not be more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	12.00	cum		0.00	INR Zero Only
18	Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge : Flamed finish granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	20.00	sqm		0.00	INR Zero Only
19	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 75 mm diameter	50.00	metra		0.00	INR Zero Only
20	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Coupler 75 mm	10.00	Each		0.00	INR Zero Only
21	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Bend 87.5° 75 mm bend	3.00	each		0.00	INR Zero Only
22	Providing and fixing Glass mosaic tiles on finished plain wall surface of size 20 mm x 20 mm x 4 mm in all colour, design, fixing in customize design as per direction of Engineer-in- Charge. The glass mosaic tiles to be fixed on the wall surface with the help of approved adhesive applied at the rate of 2.5 kg per sqm and grouting of the same. The rate is inclusive of all operation, material and required pattern approved by Engineer-in-Charge.	100.00	sqm		0.00	INR Zero Only
23	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall. 15 mm nominal dia Pipes.	50.00	metre		0.00	INR Zero Only
24	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 15 mm nominal bore.	2.00	Each		0.00	INR Zero Only
25	Providing and fixing C.P. brass bib cock of approved quality conforming to IS.8931 : 15 mm nominal bore.	1.00	Each		0.00	INR Zero Only
26	Providing & laying Selection no. 1 doob grass turf with earth 50mm to 60mm thickness of existing ground prepared with proper level and ramming with required tools wooden and than rolling the surface with light roller make the surface smoothen and light watering the same maintenance for 30 days or more till the grass establish properly, as per direction of officer in charge	451.00	sqm		0.00	INR Zero Only

27	Supplying and stacking at site dump manure from approved source, including carriage upto 5 km lead complete (manure measured in stacks will be reduced by 8% for payment) Screened through sieve of I.S. designation 4.75 mm	100.00	cum		0.00	INR Zero Only
28	Supplying and stacking of well decayed cattle manure at site including royalty and carriage upto 5 k.m lead complete (Cattle manure measured in stacks will be reduced by 8% for Payment).	100.00	cum		0.00	INR Zero Only
29	Supplying at site and planting at approved locations after preparation of soil Seasonal Flowering seedling/saplings like petunia, Camation, Zeranum, Pansy, Salvia, Antirrhinum, Cineria, Dianthus, Phlox, Marigold, Calendula, Alyssum, Dahlia, vinca hybrid, Portulaca hybrid, Cosmos well etc and other variety suitable for as per season and local weather conditions to the satisfaction of Engineer in charge.	5,000.00	each		0.00	INR Zero Only
30	Providing and fixing Childrens' play equipment including excavation, PCC/RCC foundation, anchoring, erection, alignment, fastening with all nuts, bolts and accessories, anti-corrosive treatment, painting/powder coating, curing, testing and commissioning complete in all respects as per manufacturer's specifications and direction of Engineer-in-Charge					
30.1	Multi Play Station	1.00	each		0.00	INR Zero Only
30.2	Arch Climber	1.00	each		0.00	INR Zero Only
30.3	Combo/Double Two-Seater See-Saw	1.00	each		0.00	INR Zero Only
30.4	2-Seater Swing	1.00	each		0.00	INR Zero Only
30.5	Circle Swing	1.00	each		0.00	INR Zero Only
30.6	Rock and Rope Climber	1.00	each		0.00	INR Zero Only
30.7	4-Seater Merry Go Round	1.00	each		0.00	INR Zero Only
30.8	Jumbo Slide/Wave slide	1.00	each		0.00	INR Zero Only
30.9	Standard Straight Slide	1.00	each		0.00	INR Zero Only
30.10	Pony Rocker	1.00	each		0.00	INR Zero Only
31	Providing and fixing Outdoor Gym equipment including excavation, PCC/RCC foundation, anchoring, erection, alignment, fastening with all nuts, bolts and accessories, anti-corrosive treatment, painting/powder coating, curing, testing and commissioning complete in all respects as per manufacturer's specifications and direction of Engineer-in-Charge					
31.1	Parallel Bar	1.00	each		0.00	INR Zero Only
31.2	Double Sit up board	1.00	each		0.00	INR Zero Only
31.3	Triple standing Twister	1.00	each		0.00	INR Zero Only
31.4	Double Air walker	1.00	each		0.00	INR Zero Only
31.5	Double Cross Trainer	1.00	each		0.00	INR Zero Only
31.6	Double running machine	1.00	each		0.00	INR Zero Only
31.7	Push Up bar	1.00	each		0.00	INR Zero Only
31.8	Recumbent Bike	1.00	each		0.00	INR Zero Only
31.9	Chest Press	1.00	each		0.00	INR Zero Only
32	Supplying & Installation of BWF Approved PVC badminton Flooring as per technical specification at site free from defects along with all the line marking, joining etc. including loading, unloading, carriage and all taxes paid etc. and as per direction of Engineer- in- charge. (Colour to be approved by EIC)	98.00	Sqm		0.00	INR Zero Only
33	Supplying & Installation of Black coloured Anti Skid EPDM Flooring thickness more than 20 mm for Gym at site free from defects including loading, unloading, carriage and all taxes paid etc. and as per direction of Engineer- in- charge.	50.00	Sqm		0.00	INR Zero Only
34	Providing and laying of approved 19 mm insitu SBR rubberized flooring plus 6 mm EPDM flooring laid over concrete which can resist UV radiation and withstand sever weather conditions and approved colour complete for kids in play areas including necessary PU binding materials all complete as per direction and satisfaction of Engineer-in-charge.	900.00	Sqm		0.00	INR Zero Only
35	Providing and laying of approved 9 mm insitu SBR rubberized flooring plus 6 mm EPDM flooring laid over concrete which can resist UV radiation and withstand sever weather conditions and approved colour complete for outdoor gym area including necessary PU binding materials all complete as per direction and satisfaction of Engineer-in-charge.	150.00	Sqm		0.00	INR Zero Only
36	Providing and laying of IAAF Certified Sandwich running track system as per technical specification at site free from defects including loading, unloading, carriage and all taxes paid etc. and as per direction of Engineer- in- charge.	375.00	Sqm		0.00	INR Zero Only
37	Supplying and Installation of Cast Iron Garden Bench Standard as per technical specification at site free from defects including loading, unloading, carriage and all taxes paid etc. and as per direction of Engineer- in- charge.	12.00	each		0.00	INR Zero Only
Total in Figures					0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only				