

**Name of Work: Construction of Fire Pit at Runway 25
south side at Puducherry Airport.**



TENDER DOCUMENT

Tender ID: 2026_AAI_282547_1

Bid Manager : D. Meganathan, SM (E-C)
Mobile No. : 7373738189
E-Mail Id : dmeganathan@aai.aero
Estimated Cost : Rs.82,16,100.00
EMD : Rs.2,46,500.00
Cost of Tender fee : Rs.1,180/- (Incl. GST)
Time Period : 02 (Two) months

Certified that this Tender Document contains Pages 1 to 252 only as detailed above.

--Sd/--

Sr. Manager (Engg-Civil)
AAI, Puducherry Airport

**AIRPORTS AUTHORITY OF INDIA
CIVIL ENGINEERING WING
PUDUCHERRY AIRPORT**

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Certified that this Tender Document contains Pages 1 to 252 only as detailed above.

--Sd/--
Sr. Manager (Engg-Civil)
AAI, Puducherry Airport



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA
पुदुच्चेरी हवाई अड्डा, पुदुच्चेरी
PUDUCHERRY AIRPORT, PUDUCHERRY



NOTICE INVITING E-TENDER (2 BOT – 2 Cover

Open Tender)

[Tender ID: 2026_AAI_282547_1]

No. AAI/PDY/SM (E-C)/Fire Pit/2026-27/

Dated: 03.07.2026

1. Item rate e- Tenders are invited through the e-tendering CPP portal by Sr. Manager (Engg-Civil), AAI, Puducherry Airport, Puducherry – 605 008, Ph. No. 0413-2250799 on behalf of Chairman, AAI from the eligible contractors for the work of **“Construction of Fire Pit at Runway 25 south side at Puducherry Airport.”** at an estimated cost of **Rs.82,16,100.00 (Excluding GST)** with a period of completion **02 (Two) months**.

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

Prospective Tenderers are advised to get themselves register at CPP-portal, obtain 'Login ID' & 'Password' and go through the instructions available in the Home Page after log into 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 path **[aai.aero/tender/e-tender/help desk support](http://aai.aero/tender/e-tender/help%20desk%20support)**:

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

Tel: 0120-4711508, 0120-4001002, 0120-4001005 and 0120-6277787,

E-mail: **support-eproc@nic.in**

Tenderers 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.

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”**.

For any further technical assistance with regard to functioning of CPP portal the bidder may contact to the following AAI help desk numbers on all working days only 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	08.00 hrs to 20.00 hrs (Mon-Sat)
2	JE (IT)	After 4 Hrs of issued	etendersupport@aai.aero or Vaibhav_g@aai.aero	011-24632950, Ext-3523	09.30 - 18.00 hrs (Mon-Fri)

3	Sr. Manager (IT)	After Hrs	12	Shripatim@aai.aero	011-24632950 Ext-3509	09.30 - 18.00 hrs (Mon-Fri)
4	Jt. GM (IT)	After Hrs	24	Sunil.km@aai.aero	011-24632950 Ext-3509	09.30 - 18.00 hrs (Mon-Fri)
5	General Manager (IT)	After days	03	gmit@aai.aero	011-24657900	09.30 - 18.00 hrs (Mon-Fri)

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

Tender fee of Rs.1,180/- (Rupees One Thousand One Hundred eighty only) (i/c GST) (Non-refundable) will be required to be paid online on CPP Portal only.

EMD amounting to Rs.2,46,500.00 (Rupees two lakh forty six thousand five hundred only) will be required to be paid online on CPP Portal only.

2. The following 2 Envelopes shall be submitted through online at CPP portal by the bidder as per the following schedule: -

<u>CRITICAL DATA SHEET</u>	
Publishing Date	03.07.2026
Bid Document Download / Sale Start date	04.07.2026 from 0930 Hrs.
Clarification Start Date	04.07.2026 from 0930 Hrs.
Clarification End Date	11.07.2026 upto 1800 Hrs.
Bid submission Start Date	04.07.2026 from 0930 Hrs.
Bid submission End Date	25.07.2026 upto 1800 Hrs.
Bid Opening Date (Envelope-I)	27.07.2026 at 1100 Hrs.
Bid Opening Date (Envelope-II) (Financial Bid)	03.08.2026 at 1100 Hrs.

Note:

1. 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.

ENVELOPE I: (EMD, paid online on CPP Portal, Technical Bid and Pre-qualification):- Bid containing following:

A. Technical Bid containing the following:

- i. Scanned copy of Tender Acceptance Letter on Bidder's Letter Head as per **Annexure-A (Pg.no.230)**.
- ii. Scanned copy of Permanent Account Number (PAN Card) and GST Registration Certificate.
- iii. Scanned copy of 'Undertaking' regarding Blacklisting/Debarment on Bidder's letter head as **Annexure-B (Pg.no.231)**
- iv. Scanned copy of Form-A – details of similar works/General civil works/Road works completed during last seven years supported with completion certificate issued by client **(Pg.no.235)**.
- v. Scanned copy of Form-B – Financial Information certified by CA with UDIN **(Pg.no.236)**.
- vi. Scanned copy of Form-C – Net Worth certified by CA with UDIN **(Pg.no.237)**.

- 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. **Annexure C (Pg.no.232)**
- viii. Bidder's 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. Scanned copy of declaration bidder for compliance order on Restriction under Rule 144 (xi) of the General Financial Rules (GFRs)-2017 on Bidder's Letter Head (As per LBS- **Annexure-D** of Tender document). **Page No.233.**
- x. PQ Proforma (Checklist) duly filled & signed **(Pg.no.10-13)**

B. Qualifying requirements of contractors/tenderers containing the following:-

- i. Should have successfully completed or substantially completed three works, each of **Rs.32,86,440.00** or two works, each of **Rs.41,08,050.00** or one work of **Rs.65,72,880.00** in single contract of **(Similar nature of works/General Civil works)** during last seven years ending on 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

Note:

1. The experience certificates of works completed pre-GST era, completion amount will be divided by 1.12 (to exclude pre-GST tax) to make it at par with the experience certificates of post GST era but excluding GST.
2. Experience gained by executing work on back-to-back contract/Sub-contract basis is acceptable in the following conditions:
 - a. 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.
 - b. Payments received by second agency should be reflected in TDS certificates.
3. 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)

4. Substantial completion shall be based on 80 (eighty) percent of awarded cost or more value wise works completed under the contract.

"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 bid opening (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. **Firms showing work experiences 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.

- ii. **Should have annualized average financial turnover of Rs.29,08,500.00** against works executed during last three financial years ending **31st March of the previous financial year**. The Financial Information shall be submitted in the format – **Form-B with UDIN**. Tenderers showing continuous losses during the last three years in the balance sheet shall be summarily rejected.
- iii. The tenderer should have a minimum net worth of **Rs.12,32,420.00** issued by certified Chartered Accountants. The Certificate should be submitted in the given **format- Form-C**.
- iv. Scanned copy of all the Documents of Envelope-I mentioned above shall be submitted on the CPP portal.

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

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 tenderer. Tenderers are required to download the BOQ file, open it and complete the blue coloured (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 file name. If the BOQ file is found to be modified by the tenderer, the bid will be rejected.

3. Refund of EMD

EMD deposited by all 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.

4. Bid Submission: -

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 2. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

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

5. 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.
6. Tenderer who has downloaded the tender from Central Public Procurement Portal (CPPP) website <http://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 EMD would be forfeited and tenderer is liable to be banned from doing business with AAI.

7. Bid Opening Process is as below: -

Envelope-I: - (Tender processing Fee, EMD, Technical bid and Pre-Qualification):

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

If 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.

If any clarification is needed from the bidder about the deficiency in his uploaded documents in Envelope -I, he will be asked to provide it through CPP portal or email if required. The bidder 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.

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

Envelope-II:- (Financial Bid):

Envelope-II containing financial bids of the tenderers found to be meeting the technical criteria and qualifying requirements shall be opened on date and 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. 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. 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/ Permanent debarment/Blacklisting by any department of AAI or Central/State Govt. Depts/PSUs/World bank/ADB etc. **AAI reserves the right to verify the credentials submitted by the tenderer 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 tenderer then AAI shall take the following action:**
- a) Forfeit the entire amount of EMD submitted by the tenderer.
 - b) The tenderer shall be liable for debarment for a period upto two years from tendering in AAI, including termination of the contract apart from any other appropriate contractual/ legal action.

- 10.** Consortium / JV Companies shall not be permitted.
- 11.** 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.** Concessions to Indian Micro & Small Enterprises (MSEs) units registered with DIC/NSIC/KVIC/KVIB/Directorate of Handicraft and Handloom etc., to be given as per the provisions of Public Procurement Policy for MSEs order 2012 with up to date amendments, shall be applicable for tenders of supply/services and shall not be extended to construction work.
- 13.** Tenderers have to submit Unique Document Identification Number (UDIN) generated documents like Financial Information (Turnover with loss / profit), Net worth Certificate, Financial Data (work done during last 5 Financial years), Works in Hand etc. as per NIT conditions duly certified by CA and having UDIN. The documents submitted by bidders without UDIN shall not be entertained.
- 14.** 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.** 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- D)

--Sd/--
Sr. Manager (Engg-Civil),
AAI, Puducherry Airport,
Puducherry – 605 008

PQ-PROFORMA

PQ-PROFORMA

(To be uploaded in Envelope ' I ')

Name of Work: Construction of Fire Pit at Runway 25 south side at Puducherry Airport.

1	2	3	4
Ref. No.	Qualifying Criteria	Particulars	Enclosure check list
1. General			
i)	Name and address of the firm/contractor		
2. Envelope– I shall contain scanned copy of PDF format			
A. Tender Processing Fee & EMD			
i)	Tender fee Rs.1,180/- (i/c GST) (Non-refundable)	Paid by online payment through CPP Portal via Net Banking (SBI & Other Banks) and NEFT/RTGS.	Proof Enclosed: YES/NO
ii)	Scanned copy of receipt against online payment of EMD fee of Rs.2,46,500.00	Paid by online payment through CPP Portal via Net Banking (SBI & Other Banks) and NEFT/RTGS.	Copy Enclosed: YES/NO
B. Technical Bid - Documents			
i)	Scanned copy of duly signed Tender Acceptance letter on company's letter head (Annexure A) Page No.230		Copy Enclosed: YES/NO
ii)	Scanned copy of Permanent Account No. (PAN)		Copy Enclosed: YES/NO
iii)	Scanned copy of GST Registration		Copy Enclosed: YES/NO
iv)	Scanned copy of duly signed Details of similar works completed during the last seven years ending last day of month previous to the one in which tenders are invited (Form- A) Page no.235		Copy Enclosed: YES/NO
v)	Scanned Copy of Financial Information (Form –B) Pg. no.236		Copy Enclosed: YES/NO
vi)	Scanned Copy Net worth Certificate (Form – C) Pg. no.237		Copy Enclosed: YES/NO
vii)	Scanned copy of Undertaking from agency regarding debarment/blacklisting on company's letter head (Annexure B) Page No.231		Copy Enclosed: YES/NO

viii)	Scanned copy of Undertaking for deployment of tools and plant on company's Letter Head (Annexure C) Page. no.232		Copy Enclosed: YES/NO
ix)	Scanned copy of declaration bidder for compliance order on Restriction under Rule 144 (xi) of the General Financial Rules (GFRs)-2017 on Bidder's Letter Head (As per LBS- Annexure-D of Tender document). Page No.233		Copy Enclosed: YES/NO
x)	Bidder's 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		Copy Enclosed: YES/NO

C. Qualifying requirements of Tenderers

i)	Should have satisfactorily completed the specified similar nature of work/ General Civil works completed during last seven years ending last day of month previous to the one in which tenders are invited		Copy Enclosed: YES/NO
	Certificate from clients of having satisfactorily completed Three works of Rs.32,86,440.00 OR Two works of Rs.41,08,050.00 OR One work of Rs.65,72,880.00	Details of the Three/Two/One work(s) as applicable to Client:	Copy of certificates enclosed: YES/NO

	In single contract of similar nature of work/Road works/Paver Block works completed during last seven years ending on last day of month previous to the one in which tenders are invited Note: The experience certificates of works completed pre GST era, completion amount will be divided by 1.12 (to exclude pre GST tax) to make it at par with the experience certificates of post GST era but excluding GST. Experience criteria and current costing level to be arrived by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to date of bid opening (Cover-I/ Technical bid).	Name of Work: Work Order/ Agreement No. & Date: Cost: Stipulated date of Completion as per contract agreement: Actual Date of Completion: Completion Cost: EOT granted (if any) upto ____ with/ without levy of compensation.	Details of EOT case as per column-3.
	Whether experience from Govt. organizations or private clients?	Govt.Organization/ Private Clients. (Tick whichever is applicable. In case experience of private client, TDS certificate from clients to be enclosed)	TDS certificate enclosed: YES/NO
	Experience criteria and current costing level to be arrived by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to date of bid opening (Cover-I/Technical Bid).		
ii)	TURNOVER: Annualized average financial turnover equivalent to Indian Rupees Rs.29,08,500.00 during last three financial years	Year INR (in Lacs) 2022-23 2023-24 2024-25	Proof of turnover enclosed (Abridged balance sheet & Profit & Loss A/c) YES/NO
iii)	Net worth certificate from Chartered Accountant for Rs.12,32,420.00 certificate issued by the certified Chartered Accountants.		Copy of certificates enclosed: YES/NO

3. Envelope - It shall contain digitally signed schedule of price bid in the form of BOQ.xls			
3.1	Financial bid through CPP portal		YES/NO
4	Any other information		
Place: Date: SIGNATURE WITH STAMP Authorized signatory of the Firm/Contactor			

DECLARATION

I, () hereby declare that the documents attached to the application for tender are true to the best of my/our knowledge and belief. I/We further undertake that in case any of the documents submitted by me/us, is found to be forged/false at any stage, my EMD may be forfeited. I/We may be debarred from AAI for taking participation in all future AAI works & any other suitable action may be taken against our company/firm deemed fit by AAI.

Place:

Date:

Signature
Authorized Signatory of the contractor/Firm

INSTRUCTIONS FOR ONLINE BID SUBMISSION

AIRPORTS AUTHORITY OF INDIA INSTRUCTIONS FOR ONLINE BID SUBMISSION

ANNEXURE- I

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 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.

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

REGISTRATION

1. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal ([URL:https://eprocure.gov.in/eprocure/app](https://eprocure.gov.in/eprocure/app)) by clicking on the link “Online bidder Enrolment” on the CPP Portal which is free of charge.
2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3. 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.
4. 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 / eMudra etc.), with their profile.
5. 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.
6. Bidder then logs into the site through the secured log-in by entering their user ID/ Password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

1. 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, where in the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other key words etc. to search for a tender published on the CPP Portal.
2. 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. 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.

PREPARATION OF BIDS

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

2. 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. 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. 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 a repository.

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

SUBMISSION OF BIDS

1. Bidder should log into the site well in advance for bid submissions of 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.
2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
3. Bidder has to select the payment option as “online” to pay the tender fee/EMD as applicable and enter details of the instrument.
4. Bidder should submit the EMD as per the instructions specified in the tender document. The original online payment proof 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/online payment proof any other accepted instrument, 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.
5. 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 blue colour (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.
6. 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.
7. 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 a symmetric encryption using buyers/bid openers' public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

8. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
9. Upon the successful and timely submission of bids (ie. 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.
10. 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.

ASSISTANCE TO BIDDERS

1. 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.

Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

CPPP under GePNIC, Help Desk Services

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 to the tender(s) published kindly contact the respective Tender Inviting Authority.

Tel: 0120-4200462, 0120-4001002, 0120-6277787

E-Mail: support-eproc@nic.in

- b) For any Policy related matter / Clarifications Please contact Dept of Expenditure, Ministry of Finance.**

E-Mail: cphp-doe@nic.in

- c) For any Issues / Clarifications relating to the publishing and submission of AAI tender(s)**

a) 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://eprocure.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).

b) 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”.

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

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	Sh. Sanjeev Kumar, Sr. Mgr. (IT)	After 4 Hours of Issue	etenderssupport@aai.aero or sanjeevkumar@aai.aero	011-24632950, Ext-3523	0930-1800 Hrs. (MON-FRI)
3	Sh. Dharmendra Kumar Jt.GM (IT)	After 12 hours	dkumar@aai.aero	011-24632950, Ext-3527	0930-1800 Hrs. (MON-FRI)
4	General Manager (IT)	After 03 Days	gmitchg@aai.aero	011-24657900	0930-1800 Hrs. (MON-FRI)

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

The above mentioned help desk number are intended only for queries related to the issues on e-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.**

In case of technical support regarding e-tender portal, IF AAI Help Desk is non-responsive, the Bid-Manager can be contacted as below on all working days from 9.30 hrs to 1800 hrs.

All bid procedure related to queries be referred to HELP DESK as above and then to Bid Manager only.

GENERAL GUIDELINES FOR THE BIDDERS

AIRPORTS AUTHORITY OF INDIA
GENERAL GUIDELINES FOR THE BIDDERS

1. Item rate e- Tenders are invited through the e-tendering CPP portal by Sr. Manager (Engg-Civil), AAI, Puducherry Airport, Puducherry – 605 008, Ph. No. 0413-2250799 on behalf of Chairman, AAI from the eligible contractors for the work of **“Construction of Fire Pit at Runway 25 south side at Puducherry Airport.”** at an estimated cost of **Rs.82,16,100.00 /- (Excluding GST)** with a period of completion 04 (Four) months including 30 days considered for rain.
2. The tender shall be in the prescribed form.
3. 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.
4. The Accepting Authority as mentioned in Schedule “F” / 2(viii), shall be the Accepting Officer hereinafter, referred to as such for the purpose of this contract.
5. 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.
6. Tender documents consisting of plans, specifications, schedule(s) of quantities of the various classes of work to be done, the conditions of contract and other necessary documents will be available on CPP Portal. Tender document can be downloaded from the CPP Portal. However, to participate in the tender/to submit the tender document, the tenderer must pay non-refundable tender processing fee of **Rs. 1,180/- (i/c GST)** online on CPP Portal.
7. Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their Tenders 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, working conditions including space for stacking of materials, installation of T&P, rates of various materials to be incorporated in works, conditions affecting accommodation and movement of labours etc. and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or effect their Tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed.
8. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the works to be done, local conditions, local material rates and other factors bearing on the execution of the works.
9. All rates shall be quoted in Schedule of price bid in the format of BOQ.xls. in Envelope- II

10. As this tender is item rate tender, only tender containing rates quoted for the items shall be considered.
11. Tenders shall be received through CPP portal up to the date and time as mentioned CRITICAL DATA SHEET of NIT and shall be opened on the date and time as mentioned.

12. Mode of Submission of EMD and Refund of EMD

12.1 Earnest Money Deposit (EMD) of **Rs. 2,46,500.00** will be required to be paid online through Payment Gateway on CPP Portal.

12.2 The Refund of EMD to the bidders, who failed to qualify the eligibility / technical stage shall be refunded online / offline as the case may be within 7 days of their rejection. For all bidders whose financial bid are opened the refund of EMD except for L1 bidder shall be processed online.

13. 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 prices Tender and accepts all terms and conditions of the specifications and contract documents.

A major modification is one which affects in any way, the quality, quantity and period of completion of the work of which limits in any way the responsibilities or liabilities of the Bidder of any right of AAI as required in this specifications and contract documents. Any modification in the terms and conditions of the tender, which are not acceptable to AAI, shall also be treated as a major modification.

A tenderer shall submit a responsive bid, failing which his tender will be liable to be rejected.

14. Airports Authority of India shall return the Earnest Money Deposit where applicable to every unsuccessful tenderer except as provided in the tender documents.
15. The Accepting Authority 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.
16. Canvassing in connection with Tenders is strictly prohibited and the Tenders submitted by the Tenderers who resort to canvassing will be liable to be rejected.
17. 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 next two years.

18. The contractors shall give a list of AAI employees related to him.
19. 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 contractor for period of two years of his retirement from Airports Authority of India/ Government service, without the previous permission of Airports Authority 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.
20. The tender for the work shall remain open for acceptance for a period of **90 (Ninety) days** from the date of opening of financial bid. 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 full said earnest money absolutely.
21. 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.
22. 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. 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. Forfeit the entire amount of EMD submitted by the tenderer.
 - b. The Tenderer shall be liable for debarment for a period upto 2 years from tendering in AAI, including termination of the contract apart from any other appropriate contractual / legal action.
23.
 - a. All tendered 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** for all the items. No adjustment i.e. increase or decrease shall be made for any variation in the rate of GST Building and Other Construction Workers Welfare Cess or any tax, levy or Cess applicable on inputs.
 - 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.
- d. The bidder is required to provide Tax type and Tax percentage in all bids other than that of Civil Works.
- e. In case of composite works having component of SITC items such as Electrical & Mechanical installation, Airport System, 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.
- f. 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.
- g. Pondicherry Building and Other construction Workers Welfare Cess / Labour Cess will be deducted at the time of making payment of Running Account Bill @ 1% on value of work done by the contractor
24. a. All tendered rates shall be inclusive of all taxes and levies payable under respective statutes but **exclusive of GST**. However, pursuant to the Constitution (46th amendment) Act 1982, 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 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.
- 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 same is given pursuant to this condition, together with all necessary information relating thereto

25. The site for the work shall be made available in parts as per the NOTAM schedule so that the day to day operation of flight schedule are not affected. Bidders are advised to visit the site in detail, study the various working parameters of the Airport etc. in detail before submission of the bid. No time extension for handing over site in Phases will be granted.

26. MODE OF SUBMISSION OF TENDERS:

- 26.1 Tender for the present work shall be submitted online through CPP Portal in two bid system as detailed below.

- 26.2 The tenderer has to pay tender Processing fee and EMD through online mode in CPP portal. The tenderer who status in payment shown has “success” only will be considered. The bid submitted by tenderer who status is not showing as “success” will be rejected.

- 26.3 Bidders are requested to submit scanned & digitally signed copies of Signed Unconditional Acceptance of AAI’s Tender Conditions, PAN, GST Registration, ‘Undertaking’ regarding Blacklisting/Debarment, Form “A” to “C” PQ Performa, Authorization Letter/Power of Attorney with Certificate of Incorporation if any and as the case may be, Work experience certificate, Annualized financial turnover with net worth certificate in Envelope –I on the CPP Portal along various other documents specified in the NIT , in Envelope – I on the CPP portal.

- 26.4 Rates to be quoted in the BOQ of the tender only as Envelope-II.

- 26.5 At the stipulated date and time of opening of Envelope – I, containing uploaded scanned copy of digitally signed documents in readable form along with copy of tender processing fee and EMD details. After satisfying the requirements prescribed for Envelope-I, Envelope-II will be opened. The offer from those contractors whose digitally signed copies of Signed Unconditional Acceptance of AAI’s Tender Conditions, online payment, Tender processing Fee, PAN, GST Registration, ‘Undertaking’ regarding Blacklisting/Debarment, PQ Performa, Authorization Letter/Power of Attorney with Certificate of Incorporation if any and as the case may be, Work experience certificate, Annualized financial turnover with net worth certificate , Forms A to E and other details as per NIT are not found in “Envelope-I” respectively, will not be considered and will stand rejected and financial bid (Envelope-II) of such contractors shall not be opened.

27. 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 sign the contract agreement within 10 days from the date of award of work consisting of Notice inviting tenders, General conditions of Contract, special /additional condition, General and particular specifications, Errata of Tender conditions and other related tender documents etc., as issued at the time of invitation of Tender and acceptance thereof with any correspondence leading thereto.

~~28. IMPLEMENTATION OF INTEGRITY PACT~~

- ~~a) Signing of Integrity Pact (as per Appendix XVIII) is mandatory for every Bidder / Contractor in this procurement /bid process and the Scanned copy of the same may be submitted in the Envelope –I in CPP Portal.~~

b) The Bidder / contractor shall commit itself to ensure taking all measures necessary to prevent corrupt practices, unfair means and illegal activities during the stage of bids or during any pre-contract or post-contract stages as specified in section 3 of the Integrity Pact.

c) Any breach of the aforesaid provisions by the bidder or any person 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.

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

Shri Satish Chander,
MES [Retd.]
A-1, 601, Windsor Avenue
Wanowrie,
Pune – 411022
Mobile no. – 09417256367
mail–satishchander.adg@gmail.com

Shri P. R Ravikumar,
IRS [Retd.]
Akshath, no-84, First Avenue
Kumaranasan Nagar,
Elamkulam Po, Haryana– 122009
Earnakulam, Kerala-682020
Mobilen.085470-02410&088487-67105
mail – p r ravikumar@yahoo.com

e) The duties, responsibilities and powers of EIM are detailed in section 8 of the IP Act.

f) The Consequence of Integrity Pact may be perused on the website. <http://www.aai.aero/>

29. Consortium / Joint Venture companies shall not be permitted. No single firm shall be permitted to submit two separate applications.

30. No bid procedure related query shall be referred to Independent External Monitors (IEMs). In case of technical support regarding e-tender portal, if AAI Help Desk is non responsive, the Bid Manager can be contacted as mentioned in cover page of tender document on all working days Monday to Friday from 9.30 hrs to 18.00 hrs during the tender processing period. All bid procedure related queries be referred to HELP DESK as above and then to Bid Manager only. Please note that under no circumstances bid procedure related queries shall be referred to the IEMs.

31. **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 uploaded 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 uploaded with the tender along with evidence of registration of partnership firm / company.

32. **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 to forfeit the Earnest Money, absolutely, in addition to debar & 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 nonresponsive 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.
 - j. Any tender not accompanied with EMD Performa in the prescribed form will be considered nonresponsive and rejected.
33. If any of the supporting documents is submitted in any language other than English, a notarized English version shall be submitted with the respective document.

**For and on behalf of
Airports Authority of India
Sr. Manager (Engg-Civil),
AAI, Puducherry Airport
Puducherry -605 008**



GENERAL CONDITIONS OF CONTRACT

AIRPORTS AUTHORITY OF INDIA

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GENERAL GUIDELINES

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 : Puducherry Airport

Branch : Engineering Civil

Office of : Sr Manager (Engg-Civil)

(A) Tender for the work of **“Construction of Fire Pit at Runway 25 south side at Puducherry Airport.”**

(i) To be submitted/ uploaded upto as mentioned in the critical date sheet in NIC CPP Portal.

(ii) To be opened in presence of tenderers who may be present
on _____ at _____ hrs. in the office

Issued to-----*

Signature of officer issuing-----*

Designation-----*

Date of issue-----*

*(ii) Not applicable for e-tendering

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 Quantities & 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 opening of financial bid in 2 bid 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.2,46,500.00 (Rupees Two Lakhs forty six thousand five hundred only)** will be required to be paid by online payment through CPP Portal / ~~Bank Guarantee / Insurance surety bond in the format prescribed in tender documents as earnest money.~~ 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 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 authorised 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 format defining the lead partner should be submitted. The lead partner shall sign all the documents in respect of the tender. 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. Tender which propose any alteration in the work specified in the said form in addition to tender, or in the time allowed for carrying out the work, which contain any other conditions of any sort, including conditional tender, will be summarily rejected. No single tender shall include more than one item. 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 work to which they refer, written on the envelopes. The rate(s) must be quoted in decimal figure. Amount must be quoted in full Rupees by ignoring 50 paise and considering more than 50 paise as Rupee one. In case the lowest tender rate 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 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/sub heads should not be more 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 (non-works) work and the lowest contractors those have quoted equal amount of tenders. In case of any such lowest contractor in his revised offer quotes rate of any item more than their respective original rate quoted at the time of submission of tender, then such revised offer shall be treated as invalid. Such case of revised offer of the lowest contractor or case of lowest contractor 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 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 and forfeiting 50% of EMD of each lowest contractor. Contractors 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 or 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, 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 + 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 bidder 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 thereupon be given to the contractor who shall thereupon for the purpose of identification sign copy of the specifications and other documents mentioned in Rule—1. In the event of a tender being rejected, the earnest money shall thereupon 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 acknowledgment 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 tender form and the schedule of materials to be supplied by the department and the 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 shall be made with a straight line and should be initialed by the bidder. The type to be provided shall be quoted in case of e-tendering.
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 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 a way that interpolation is not possible. The 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 'Paise' should be written at the end. Unless specified in whole rupees and followed by the word 'only' it should invariably be written to two decimal places. While quoting the rate in schedule of quantities, the word 'only' should be written closely following the amount and it should not be written in the next line.
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 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 'P' 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 'Paise' should be written at the end. (quoting of rates in Paise 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 serious 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 the schedule, resource mobilization, allocation of risks and responsibilities, and other requirements of the bids document. ii) If, after evaluating the price increases, 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 low 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 also issue a letter to the contractor to complete the work as per NIT specifications. If contractor still do not start the work within the specified time, the Engineer in charge shall be encased and work should be got executed through another agency at his risk and cost.
14		DELETED - 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 Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank but not co-operative or Garmin Bank, in accordance with the prescribed form, provided confirmatory advice is enclosed. - 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 - In works where condition of submission of Performance Guarantee is not applicable, the security deposit @ 10% of the tendered value shall be deducted. - 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. - Security deposit will also be accepted in form of Fixed Deposit Receipts / Guarantee Bonds of any Scheduled Bank but not co-operative or Garmin Bank in accordance with the prescribed form, provided confirmatory advice is enclosed. - 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 in 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 Additional Performance security The additional performance security shall be calculated as below 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 being 0.25% and this additional 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 applied on the bid price; security percentage shall be. (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 being 1% and this additional 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
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 DELETED assessing bidding capacity

Name of work	Name and particulars of Office where work is being executed	Value of work	Position of works in progress	Remarks
1	2	3	4	5

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 work, the work shall be made available in phases. The scope of work to be taken over in each phase, time for completion of work in each phase and method of taking over completed work in phased manner shall be specified under special conditions of contract. The completion time for each phase shall be applicable as indicated in tender documents. The work shall be taken over by Engineer-In-Charge in phases. The warranty for works executed in each phase shall be applied independently w.e.f. date of completion of individual phase. Note: In such case para 22 above may be deleted by NIT approving authority

Definitions:**CONDITIONS OF CONTRACT**

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 works 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 W D 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 therefrom shall not vitiate the Contract or 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 DELETED
10.	Signing of Contract	The successful tenderer / contractor, on acceptance of his tender by the Accepting Authority, shall, within 10 days from the stipulated date of start of the work, shall sign the agreement with the Engineer-In-Charge. sign either single or Two-agreements, 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: - Various standard clauses with corrections upto the date stipulated in Schedule 'F' along with annexures thereto. - AAI Safety Code. - Model Rules for the protection of health, sanitary arrangements for workers employed by AAI or its contractors. - AAI Contractor's Labour Regulations. - 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 should be furnished within 30 days of issue of letter for intent. In case the contractor fails to deposit performance guarantee within the stipulated period, no payment will be released to the contractor for the work done in respect of 1 st running account bill. Moreover, interest @10% per annum on performance guarantee amount would be levied (non-refundable) for delayed period of submission.
		iii. The Performance Guarantee shall be initially valid upto 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 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 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 1 A.
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CLAUSE 1 B

Clause 1 B	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 1. Additional Performance security 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 being 0.25% and this additional 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 applied on the bid price; security percentage shall be. (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 being 1% and this additional 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. (vii) The Additional Performance Security shall be deposited as per the Tender Document page no: 18 of clause of contractor within 30 days of issue of letter of intent. The Additional Performance Security shall be submitted in the form of an irrevocable Insurance Surety bond, demand draft, bank guarantee in the format page no: GCC-115 to GCC – 116. The Work award letter shall be issued on receipt of additional performance guarantee. In case the contractor fails to deposit 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 (viii) The 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
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		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. (ix) The Engineer-in-Charge shall not make a claim under the 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: (a) 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. (b) 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. (x) In the event of the contract being determined or rescinded under provision of any of the Clause/Condition of the agreement, the performance guarantee shall stand forfeited in full and shall be absolutely at the disposal of the Chairman, AAI
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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: i. For works costing upto Rs. 10.00 Lac: 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 10 Lac 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.
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Clause 2A

Incentive for early completion	In case, the contractor completes the work ahead of stipulated period 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 contract extended beyond the stipulated period even with justified extension without any action of compensation for delay. This clause shall be applicable for the works which estimated cost put to tender is less than Rs. 50.00 Cr.
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Clause 2B

	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.
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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
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		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.
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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-and the 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.
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CLAUSE 3B

	(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
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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 authorized 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.
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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. e. 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 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 above programme. ii. The programme chart should include the following: - Descriptive note explaining sequence of the various activities. - Network (PERT / CPM / BAR CHART). - 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.
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5.2		If the work(s) be delayed by:- - Force majeure, or an act of terrorism - Abnormally bad weather, or - Serious loss or damage by fire, or - Civil commotion, local commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or - Delay on the part of other contractors or tradesmen engaged by Engineer-in-Charge for executing work not forming part of the Contract, or - Non-availability of stores, which are the responsibility of AAI to supply or - Non-availability or break down of tools and Plant to be supplied or supplied by AAI or - 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 endeavors 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. The contractor shall also sign the hindrance register at appropriate place for each hindrance. All correspondence with the agency and concern state holidays during execution of works will be taken into consideration for evaluation of hindrance 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 work done. All measurement of all items having financial value shall be entered in Measurement Book and/or level field book. No work shall be completed until all works performed under the contract are measured and recorded. All measurements shall be taken jointly by the Engineer-in-Charge or his authorized representative and the contractor or his authorized representative. The measurements shall be taken during the progress of the work and such measurements shall be signed and sealed by the Engineer-in-Charge and the contractor or their representative. If the contractor objects to any measurement 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 report 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 and fails to countersign or to record objection within a week of the date of the measurement, 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 assistance with every appliance, labour and other things necessary for measurement 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 authorised 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 may 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 authorised 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 measurement 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 any person 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 the recording of measurements of any item of work in the measurement book and for 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 and shall not release the contractor from his liabilities from any over measurement or defects noticed till completion of the defects liability period.
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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.
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		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 <i>from</i> 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 <i>100%</i> 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 of 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
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		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 defect's 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
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		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.
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CLAUSE 8 A

	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.
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CLAUSE 8 B

	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 body on the basis of completion drawings within a period of 30 days of the date of completion. The contractor shall also submit catalog of all equipment's and maintenance manual for the complete electrical systems. If contractor fails to submit completion plans of a work, he shall be liable to pay compensation @ 0.5% of the tendered value of the work costing up to Rs. 5 Crores subject to maximum of Rs. 1.00 Lacs and 0.5% for works costing more than Rs. 5 crores subject to maximum of Rs. 1.00 Lacs. The decision of Project in charge in this regard shall be final and binding on the contractor.
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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 the completion of the work or within one month of the date of the 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 submission of the bill by the Engineer-in-Charge or his authorized representative complete with account of materials issued by the Department and dismantled materials.
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		If the final bill is submitted by the contractor within the period specified above and payment of final bills is made by the AAAI within above prescribed time limit, if delay in payment, a simple interest at 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 Excluded items based on market rate) and payment shall be made on the basis of lower of the two.
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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. - Information as per proforma attached. - An authorization in the form of a legally valid document such as power of attorney conferring authority on the bank to receive payments and - 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.
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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 submit a programme for the completion of work as per clause 5 of this contract. He shall give his estimates of materials required on the basis of his programme or schedule of quantities of the work. The contractor shall submit his requirement to the Engineer-in-charge, which shall be subject to his keeping in view the progress of work as assessed by the Engineer-in-charge in accordance with the agreed phased programme of work and his monthly requirements of various materials. The contractor shall submit his requirement 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 material supplied at the rates specified in the aforesaid schedule shall be set off against the bill when materials are consumed in items of work (including net weight) for which payment is being made to the contractor. The contractor shall be responsible for the materials so supplied 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 at site 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
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		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 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, standing 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 AAI 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, 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, 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 contract and condition, the contractor shall in addition to throwing himself open to the Authority 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 by him, if he has supplied 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 supplied by him are supplied within the aforesaid period, then the contractor shall be bound to execute as much of the work as may be possible with the materials and stores supplied within 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 ensure 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.
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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 30 (thirty) 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. 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. If any additional tests apart from mandatory tests specified in the contract are required to be carried out at the instance of AAI or any other advisory body, to ensure conformity of the item to the contract specifications, the cost of such tests shall be borne by AAI. In case the material / equipment fails in the above tests, the expenditure incurred by AAI on testing of such material or equipment along with incidental charges borne by AAI (if any) shall be recovered from the dues of the contractor and action shall be taken under Clause 16 and other relevant clauses of the contract. 5. 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. 6. 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 authorised 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. 7. 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
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		the same to be supplied and all costs which may attend such removal and substitution shall be borne by the Contractor. 8. 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. 9. Details in respect of all mandatory tests shall be maintained in the desired format and attached with each Running Account Bill.
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CLAUSE 10 B

(i)	Secured Advance on materials	1. The Contractor, on signing an indenture form specified in Appendix-XX, shall be entitled to be paid during the progress of the work of the work upto 75% of the assessed value of any materials which are in the opinion of the Engineer-in-charge nonperishable, 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 time of advance been incorporated in the works. When materials are incorporated in the work, the amount of such advance shall be recovered/ deducted from the next payment made under any of the clause of the 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 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 etc. The secured advance shall also be payable against items brought at site for use in electrical and mechanical systems. Such secured advance shall be paid on submission of a Bank Guarantee submitted by the vendor against the payment of equipment/system fails to perform on testing and commissioning. Normally secured advance is paid up to 75% of the assessed value but in any case, it shall not exceed 80% of cost of items indicated for supply of equipment.
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(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 Engineer-in-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 interest on Mobilization Advance shall be calculated from the date of payment to the date of recovery (Both days inclusive) on the outstanding amount of advance simple interest @ prevailing Bank Rate (5.75%) + 3% = 8.75% as per Schedule F. Current Bank Rate is 5.75% (The Bank Interest Rate shall be reviewed periodically by Directorate of Finance)
	Recovery of Mobilization advance	Recovery of such sum advanced shall be made by the deduction from the contractor's bills coming after first ten percent of the gross value of the work is executed and thereafter on pro-rata percentage basis to the gross value of the work billed beyond such a way that the entire advance is covered 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 instalment. 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 the tender, the price of any material incorporated in the works 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 rates in GST applicable on such materials being considered under this clause) beyond the prices / wages prevailing at the time of last stipulated date for receipt of the tenders including extensions, if any, for the work, during contract period including the justified period extended under the provisions of the 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 rule 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
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		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 as 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) I. 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.
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CLAUSE 10 CA

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 stipulated in schedule F for the work, then the amount of the contract shall accordingly be varied and provided further that any such variations shall be effective for stipulated period of contract including the justified period extended under provisions of clause 5 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 completion stipulated date of completion considering the effect of extra work (contract price to be calculated on pro-rata basis only as cost of extra work X stipulated period / tendered cost). The increase/ decrease in prices of cement, 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, 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 concerned Zonal Chief Engineer and as indicated in Schedule 'F'. If 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 out as per the formula given below for individual material: Adjustment for component of individual material. $V = P \times Q \times \frac{CI - CI_0}{CI_0}$ where, V = Variation in material cost i.e. increase or decrease in the amount in rupees to be paid or received P = Base price of material as issued under authority of DG, CPWD or concerned Zonal Chief Engineer CPWD and as indicated in Schedule 'F'. For Project and other works Q = Quantity of material brought at site for bonafide use in the works since previous bill excluding any such quantity consumed in the deviated quantity of items beyond deviation limit and extra/substituted item, paid/to be paid at rates derived on the basis of market rates under clause 12.2 For maintenance works Q = Quantity of material brought at site for bonafide use in the works since
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		previous bill including any such quantity consumed in the deviated quantity of items beyond deviation limit paid at agreement rates and extra/substituted item being scheduled items, but excluding nonscheduled extra/substituted item paid/to be paid at rates under clause 12.2
		CI0 = Price index for cement, steel 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 the 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, steel reinforcement bars, structural steel and POL as issued under the authority of 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. Note: - In respect of justified 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 work to be calculated on prorata basis only as cost of extra work X stipulated period/ tendered cost) shall be considered. Provided always the provisions of the preceding Clause 10 C shall not be applicable in materials covered in this Clause. - If 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 based on the basis of cost indices as applied at time of payment of variation or as prevailing at the time of effecting recovery, whichever is higher. - Cement mentioned wherever in this clause includes cement component used in RMC brought at site from outside approved RMC plants, if any. - The site visit record of ready mix concrete shall be kept in a register and certificate of consumption for the same shall be calculated accordingly. If 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 or finished product is brought at site. Note: 'If actual purchase price of material is less than base price P and CI0 then, this clause shall not be applicable'.

Clause 10CC

	Price adjustment for works	If the prices of materials and/ or wages of labour required for execution of 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 in prices and wages shall be available only for the work done during the stipulated period of the contract including the justified period extended under provisions of clause 5 of the contract without any action under clause 5. No such compensation shall be payable for a work for which the stipulated period of completion is equal to or less than that specified in Schedule 'F'. Such compensation for escalation of the prices of materials and labour, when due, shall be worked out based on the following provisions: - The base date for working out the cost of work on which escalation shall be the last stipulated date of the receipt of tenders or the date of extension, if any. - The cost of work on which compensation will be payable shall be reckoned as below: - Gross value of work done upto this quarter: (A) - Gross value of work done upto the last quarter: (B) - Gross value of work done since previous quarter (C) = (A-B) - Full assessed value of secured advance fresh paid in this quarter: (D) - Full assessed value of secured advance recovered in this quarter: (E) - Full assessed value of secured advance for which escalation is payable in this quarter = (D-E) - Advance payment made during this quarter: (G) - Advance payment recovered during this quarter: (H) - Advance payment for which escalation is payable in this quarter (I) = (G-H) - Amount of secured advance recovered during this quarter: (J) Then, $M = (C + I) \times N$ $N = 0.85 M$ - Less cost of services rendered at fixed charges as per Clause 34 and recovered during the quarter (L) - Less cost of Engineering Consultancy Services rendered at fixed charges as paid during the quarter (X). Cost of work on which escalation is applicable $N - (K + L)$ Cost of Design & Detailing shall be treated as civil work for EPC contract
		- Components for materials, labour, P.O.L. etc. shall be pre-determined for every work and incorporated in the conditions of contract attached to the tender papers included in Schedule F. The decision of the Engineer-in charge in working out such percentage shall be binding on the contracts. 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. - 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 the

three calendar months of the said quarter. The date of submission of bill finally 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 at the end of three months from the date of the month (excluding the month in which the work order issued) at three months' interval. At the time of completion of the work, the period for payment might become less than 3 months, in which case the actual date of completion.

- (b) The indices as defined below (excluding any index 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 concerned is less than three months, the index 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 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 cost of materials is paid under this clause. If such revision in minimum wages takes place during any such quarterly intervals, the 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 alone shall form the basis for working out the escalation compensation payable on the labour component.
- (f) In the event of a rise in the price of materials and/or wages of labour required for execution of the work, there shall be a downward adjustment of the cost of work done if the price of materials and/or wages of labour shall be decreased. The cost of work under this contract and in this regard the formulae stated below under this Clause IOCC shall mutatis mutandis apply.
- (g) 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:

For construction:

$$W = \left(\frac{Cp}{100} \right) * [Cp * (Cr-Co)/Co + Lp * (Lr-Lo)/Lo + CMp * (CMr-EMp) / EMo + Fp * (Fr-Fo)/Fo + Sp * (Sr-So)/So + Bp * (Br-Bo)/Bo]$$

Maintenance:

$$W = \left(\frac{1}{100} \right) * [LP * (Lr-Lo)/Lo + CMP * (CMr-CMo)/CMo + EMP * (EMr-EMo)/EMo + Bp * (Br-Bo)/Bo]$$

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

(Variation of cost of Work) = Increase or decrease in the cost of works during the period under consideration due to change in the rates for relevant components Percentage components of materials & labour as specified in the schedule F are defined as under:

Cp- Cement component,

Lp - Labour component,

CMp- Civil component of other construction materials,

EMP- E & M i/c IT and AS component of construction materials

		Fp-POL (Diesel) component Sp- Reinforcement steel bars/TMT bars/structure (including strands and cables) component Bp- Bitumen Component Indices for various components of material to be used for the purpose of this Clause are defined as under: C= Wholesale Price Index for Pozzolana Cement 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. C1= Wholesale Price Index for Pozzolana Cement published by office of the Economic Adviser, Ministry of Industry & Commerce for the period under consideration. Lo= Minimum daily wage in rupees of a skilled adult mazdoor, fixed under any law, statutory rule or order as on the last date of receipt of tender including extension, if any. Lr= Minimum wage in rupees of unskilled adult mazdoor, fixed under any law, statutory rule or order as on the last date of the quarter previous to the one under consideration. CMo= 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. CMr= Price Index for civil components of other construction materials for the period under consideration, as published by AAI. .EMo= 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. EMr= Price Index for E & M components of construction materials for the period under consideration, as published by AAI. Fo= 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, if any. Fr= Wholesale Price Index of HSD (High Speed Diesel) published by office of the Economic Adviser, Ministry of Industry & Commerce for the period under consideration. So= Wholesale Price Index of Mild Steel-long products 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. Sr= Wholesale Price Index of Mild Steel-long products published by office of the Economic Adviser, Ministry of Industry & Commerce for the period under consideration. Bp= 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. Bp= Wholesale Price Index of Bitumen published by office of the Economic Adviser, Ministry of Industry & Commerce for the period under consideration.
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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 of to the best advantage of Authority according to the instructions in writing issued by the Engineer-in-charge.
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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.
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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 up to 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.
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		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.
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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., thereon; 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.
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		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.
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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.
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		ii. If the suspension is ordered for reasons (b) and (c) in sub-para (i) above (but not attributed to contractor): - 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; - 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. - 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.
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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 in the supply of materials in Schedule 'B' where such delay is caused by difficulties relating to supply of wagons, force majeure or any cause wholly beyond the control of AAI. This clause 15 A will not be applicable for works where no material is stipulated for issue by AAI.
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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.
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CLAUSE 17

	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 six 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
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	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.
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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 therefor to and 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 portions thereof.
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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
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		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.
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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.
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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.
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CLAUSE 19 A

		No labour below the age of fourteen years shall be employed on the work.
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CLAUSE 19 B

	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,
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		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 thereunder 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.
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		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.
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CLAUSE 19 C

		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.
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CLAUSE 19 D

		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.
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CLAUSE 19 E

		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.
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CLAUSE 19 F

		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
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		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.
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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).
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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 a. 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. b. The contractor shall in addition construct suitable cooking places having a minimum area of 1.80m x 1.50m (6' x 5') adjacent to the hut for each family.
		c. 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. d. 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 a. 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 gobri on both sides. The floor may be kutcha but plastered with mud gobri 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. b. The contractor (s) shall provide each hut with proper ventilation. c. All doors, windows and ventilators shall be provided with suitable leaves for security purposes. d. 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 provided 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 therefor. 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.
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CLAUSE 19 I

		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.
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CLAUSE 19 J

		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.
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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 Institute 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 in the schedule 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
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		respective trade, the contractor shall substitute such tradesmen within two days of written notice from Engineer –in- Charge. It shall be the part of contractor to obtain approval of Engineer-in-Charge. The contractor shall employ qualified tradesmen will attract a compensation to be paid to contractor at the rate of Rs.100 per such tradesman per day. Decision of Engineer in Charge as to whether particular tradesman possess requisite skill shall be final. The amount of compensation in case of default shall be final. 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.
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CLAUSE 19 L

	Contribution EPF and ESI	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.
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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.
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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 thereunder and other labour laws affecting contract labour that may be brought into force from time to time.
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CLAUSE 20(A)

	Employees Provident Fund & Miscellaneous Provision Act 1952/Jammu & Kashmir Employees Provident Funds (and Miscellaneous Provisions) Act, 1961 and State Insurance (ESI) Act, 1948.	The Contractor shall comply with all the provisions of the Employees Provident Fund & Misc. Provisions Act, 1952/ Jammu & Kashmir Employees Provident Funds (and Miscellaneous Provisions) Act, 1961 and ESI Act, 1948 amended from time to time and rules framed thereunder. Some of the provisions are given below: - 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. - The contractor shall provide a list of contract Workers engaged for contract work along with the PF Account No. & ESI Registration No. - The contractor shall every month shall provide a monthly statement showing verification of contribution and proof of remittance of provident fund contribution, EPF and ESI contributions to ESI Corporation in respect of contract workers engaged for contract work. - The contractor shall provide copies of PF & ESI challans of monthly contributions in respect of contract workers engaged for contract work on monthly to month basis. AAI reserves the right to withhold minimum amount as detailed under, from the
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		running account payments, if PF / ESI contributions are not paid by the contractor and proof to that effect have not been produced on due dates. To withhold 3% for building work & 1.50% for other work of the total amount of work done during the period considered.
		ESI & EPF contributions to the statutory authorities by the contractor shall be reimbursed on actual basis on submission of documentary evidence.

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.
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CLUASE 22

		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.
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CLAUSE 23

	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 Clause 21 hereof and the same action may be taken and the same consequences shall ensue as provided in the said Clause 21.
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CLAUSE 24

		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.
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CLAUSE 25

	Dispute Resolution Mechanism and Arbitration	Dispute Resolution Clause 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 equally 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. Arbitration is restricted to disputes with a value of less than Rs.10 Crores. b. The dispute 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.
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	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, 1. 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. I / 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 In case successful bidder is central / State Govt. PSUs, then such dispute or difference shall be taken up by either party for resolution through AMRCD as mentioned in DPE OM No. 4(1)/2013- DPE(GM)/FTS-1835 dt 22.05.2018
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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.
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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.
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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.
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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
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		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.
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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.
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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
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		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 means the following areas: Districts of Dhanbad, Hazaribagh, Jamtara- Sub-Division under Santhal Pargana Commissionery, District of Bankuara, Birbhum, Burdwan, District of Bilaspur. Any other area which may be declared a Controlled Area by or with the approval of the Central Government.
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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.
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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.
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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
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		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.
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CLAUSE 33

	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.
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CLAUSE 34

	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 not available with 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 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 shall be made over and taken back at the depot / 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 return. The contractor shall be responsible to return the plant and machinery in condition in which it was handed over to him, and he shall be responsible for all damage caused to the said plant and machinery while in use at the site of work or elsewhere in operation and otherwise during transit. He shall be liable for 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.
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		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 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 available to him and exclusive of the date of the return in good order even though the same may 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 repairs as aforesaid. The Engineer in-charge shall record the date and time of such intimation in the log sheet of the plant or machinery. Based on such 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 a 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 to the Department indemnify 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 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 proposed hourly charges (1/8th of the daily charges) subject to a minimum of half day's charges on any particular day. For working out hire charges for overtime, 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 service the plant and machinery every seventh day for periodical servicing and wash out which may take about three to four hours or more. Hire charges for a full day shall be recovered from the contractor for the day of servicing 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 his own 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 they are 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
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		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 consolidates 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 contractor 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 be the same as in Annexure to Clause 34(x). For less use of rollers, recovery for 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 during transit including damage to or loss of parts, and for all losses due to 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 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 thereafter without notice if he agrees to pay hire charges for two additional days within 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.
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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 commencement 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 the work or on account of lesser use of specifications and on account of lesser proportion of work, a corresponding deduction equivalent to the quantity 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.
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		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.
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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
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		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.
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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.
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		2. Royalty: - 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. - This will also be applicable to forest produce. - 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 - 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 go down, site office, stacking of materials shall be provided at free of cost upto defect liability period/ maintenance period. - 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. - 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.
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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.
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		Provided further that such increase in tax / levy / Cess including GST shall not 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.
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CLAUSE 39

	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.
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CLAUSE 40

	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 grand parents, children and grandchildren, brothers and sisters, uncles, aunts and cousins and their corresponding in-laws.
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CLAUSE 41

	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.
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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 under 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 Monitor(s) constituted by the Authority in concurrence with Central Vigilance Commission (CVC). i. The Contractor/Supplier shall have to comply in accordance with the conditions laid down in the integrity pact. - Signing of Integrity Pact: Bidder/Contractor in this procurement/bid process shall have to sign the Integrity Pact to be send to the office of Bid Manager and submit before the due date mentioned in NIT. - The Bidder/contractor shall commit itself to ensure taking all measures necessary to ensure honest practices, unfair means and illegal activities during any stage of the procurement process or during any pre-contract or post-contract stage as specified in section 3 of the integrity pact. - Any breach of the foresaid provisions by the Bidder or any one employed by it 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 specified in section 6 of the integrity pact. ii. In case any violation of above provisions is established, AAI reserves right to take following actions. - If contractor commits a violation of its commitments and obligations under the Integrity Pact Prior to award during bidding process, he shall be liable for cancellation of tender process and forfeiture of his Earnest Money Security. - In case of violation of 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 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/procurement for a period as deemed fit. - A violation shall be 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.
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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 or advantage in the procurement process or to otherwise influence the procurement process. (b) Any omission, or misrepresentation that may result in an 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 transaction between the bidder and any official of the procuring entity related to tendering or execution process of contract, which can affect the decision of the procuring entity, directly or indirectly. (f) Any coercion or any threat to impose 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 a bidder of any previous transgressions made in respect of the provisions of sub-clause 41(b)(i) with (iv) any entity in any country during the last three years or of being debarred by any other procuring entity.
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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 the work shall be calculated on the basis and method given hereunder - Quantity of cement & bitumen shall be calculated on the basis of quantity of cement & bitumen required for different items as shown in the Schedule of Rates mentioned in Schedule. If 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. - Theoretical quantity of steel reinforcement or reinforcement sections shall be taken as the quantity required as per drawings authorised by Engineer-in- Charge, including authorised lappings, 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. - Theoretical quantity of G.I. & C.I. 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. - 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 provisions regarding return of materials governing the contract. Decision of the 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 to 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.
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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.
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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 thereunder for the purpose of the said Act. If the contractor fails to do so, his failure will be a breach of the contract and the Executive Director Engg. / General Manager (Engineering) 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.
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CLAUSE 45

	Release of Security Deposit	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.
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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 AA I'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,
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		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 premium or premiums as may be 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 only after issuing the notice to Contractor in this regard. Engineer-in-charge shall ensure that all applicable insurance 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 insurance 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.
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CLAUSE 47

	Composite Contract and responsibilities of main agency	i. The tenders have been called for composite work consisting of civil construction and of specialized work. The pre-qualification criteria shall be applied for each subhead of work independently. The agency meeting PQ criteria for all subheads 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 (under one or more subhead) for which he meets all requirements of pre-qualification including financial, technical and technological requirements 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 which fully meet the PQ criteria for each specialized work for the acceptance of the department. iv. Main contractor shall not be permitted to change the agencies in the course of execution of work. If change of agency is required 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 crore. i. The main contractor shall finalise his terms and conditions and mode of execution of work with special and general conditions for all works covered in various subhead of works on receipt of work order. But specifications, preferred makes of materials and performance standards 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 the name 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 work along with his application seeking acceptance for the name of associated agency for approval / rejection for the name of associated agency shall be accepted or rejected by NIT approving authority within a period of 15 days each subhead. 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. 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 all earnest money. iv. Main contractor shall be responsible for completion of work as per time schedule indicated in schedule. 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 specialized expert agencies as and when required. Expert agency shall be responsible for technical soundness, quality of work in accordance to tender specifications. The main contractor as well as associated agency shall be responsible for rectification of deficiencies not in specialized work.
Payment Conditions for Composite Contract	i. It will be the responsibility of main contractor to find expert agencies for the execution of works covered under 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 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. 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 payment (after all deductions). iii. The running bill for eligible work shall be processed as per terms and conditions of the contract. Deductions like security deposit, income tax and part rate (income) on complete work or due to any other reason shall be made as per contract provision from each running bill. In case the ratio as desired under (ii) is not followed 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 charges for Escrow Account shall be borne by contractor. Detailed conditions of Escrow Account shall be drawn in consultation with the 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 conditions of contract. The agency shall be able to utilize 25% (or as decided by the authority) of each installment of mobilization advance for expenses like construction of site office, purchase of furniture 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 cheques drawn by contractor shall be released by Bank on receipt of written consent of 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 proposals to the Engineer-in-Charge/Authority for utilization of fund made available by AAI (75% against each RA bill)
		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, 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 request within maximum of three working days. The terms and conditions 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 agency. 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 90 cm.(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 coned 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 work place.
- (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. DRINKING WATER

- 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 waterproof.
- 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 25 females.
 - b) Where males are employed, there shall be at least one latrine for every 25 males.
- 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 nonabsorbent 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 bed room.
- iv) The contractor shall provide one ayaa 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 sft) 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. SHORT TITLE

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 6 days.
- 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 onat"

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 form at (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 may be.

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-1**

**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 grated 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 _____

Note:

*For Proprietary Concerns

Sh.son ofresident of carrying on business under the name and style of at (hereinafter called "the said Contractor" which expression shall unless the context requires otherwise include his heirs, executors, administrators and legal representatives).

For Partnership Concerns

1. Sh.son ofresident of
2. Sh.son of resident of carrying on business in co-partnership under the name and style of at (hereinafter collectively called “the said contractor” which expression shall unless the context requires otherwise include each of them and their respective heirs, executors administrators and legal representatives).

For Companies

M/sa Company registered under the Companies Act, 1956 and having its registered office in the State of (Hereinafter called “the said Contractor” which expression shall unless the context requires otherwise include its administrators, successors and assigns).

FORM OF BANK GUARANTEE AGAINST EARNEST MONEY DEPOSIT

KNOW ALL PEOPLE by these presents that we _____ (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 will truly to be made to the said Engineer-in-charge the bank binds itself, its heirs, successors and assigns by these presents.

- (1) If after tender opening the Contractor withdraws his tender during the period of validity of tender (including extended validity of tender) as tendered in the Form of Tender.
- (2) If the contractor having been notified of the award of the contract 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 and maintenance bond in accordance with the provisions of tender document and instruction 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.

This guarantee will remain in full force and effect for a period of _____ days, including the date* _____ after the deadline for submission of tender and shall be extended by the engineer if the date of payment is not stated in the instructions to contractor or as it may be extended by the engineer. The contractor hereby waives any and all claims of which extension (s) to the bank is heard by waived. Any demand in respect of this guarantee shall be made by the contractor to reach the bank not later than the above date.

SIGNATURE OF THE BANK

SEAL

Puducherry Airport,

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

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 employment	Date on which notice of 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 pay	Amount 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**

Name of work

Labour Board

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 fixedActual wage
paidNumber
present

Remark

Weekly holiday -----

Wage period -----

Date of payment of wages -----

Working hours -----

Rest interval-----



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

APPENDIX-VI

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

Servic Book No.	Date of Exit	Reason for Exit	Mark of Identification	Photo	Specimen Signature/Thumb Impression	Remarks
25	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 EmployerFor the month of fortnight.....

Sl. 1	Name of work Man 2	Se x 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

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.....

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	Amount of wages					Deduction if any (indicate nature)	Net amount paid	Sig. or thumb impression of the workmen	Initial contract or his representative
							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

APPENDIX-VIIIA

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	2	3	31
										<u>0</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>0</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>8</u>	<u>0</u>

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. Wageperiod.....
 6. Tenure of employment.....
 7. Remark.....

Signature of Contractor

FORM OF PERFORMANCE SECURITY (GUARANTEE)**Bank Guarantee Bond****(On Non-Judicial Stamp Paper of Rs100/-)**

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. (Rupeesonly) 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. (Rupeesonly) 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. (Rupeesonly).
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 uptounless 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 A/c.....

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:

**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
The Airports Authority of India
.....
.....

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 Bidder” which expression shall include its successors,
administrators, executors and assigns) ;

AND

- b. ------(Name and Address of Insurer) having its registered office at -----
(hereinafter called “the Insurer” which expression shall include its successors,
administrators, executors and assigns)

AND

- c. Airports Authority of India, a Statutory Body constituted under the Airports Authority
of India Act, 1994 State Bank of India Act, 1955 having its Central Headquarters at Rajiv
Gandhi Bhavan, Safdarjung Airport, New Delhi, 110003 (hereinafter called the “AAI”) ;

Dear Sirs,

In accordance with Invitation for Bids under your Bid Document No. {Tender Reference No.}, dated---- M/s. {Agency Name} having its Registered/Head Office at {address} (hereinafter called the 'Agency') wish to participate in the aid bid for {Tender Title}.

As an irrevocable 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 of any contingencies as mentioned under the Bidding Documents/NIT No.-----

We, the {Name the Insurer} having our Head Office at {address of the Insurer} guarantee and undertake to pay truly AND immediately on demand by **Airports 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, demand and resource, the insurer binds itself, its successors and assigns by these presents. Any such demand 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 withdraw the deviations proposed by him, if any, at the cost of withdrawal stated by him in the bid and/or accept the withdrawals/rectifications pursuant to the declaration/confirmation made by him; or
- (3) In the case of a successful Bidder, if the Bidder fails 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 of the above-named CONDITIONS or their combination, and specifying the occurred condition 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 obligations 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 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 instructions from M/s. {Agency's Name} on whose behalf this Insurance Surety Bond is issued.

In witness where of the Insurer, through its authorised 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 bid 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, 1938 as per guidelines issued by Insurance Regulatory and Development Authority of India (IRDAI) 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 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 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 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/initiated by the executing officers and the last page shall be signed in full by the duly authorized signatory of Insurance Company along with two witnesses.

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. Wilful 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 work place
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.

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 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.....

Sl. 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 Instalment	Last Instalment	
1	2	3	4	5	6	7	8	9	10	11	12	13

APPENDIX-XV

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.....

Sl. 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. N o	Name of workme n	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	Overtim e earning	Rate on which overtime paid	Remarks
1	2	3	4	5	6	7	8	9	10	11	12

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,

INTEGRITY PACT

INTEGRITY PACT

The integrity pact shall be signed by both the parties in the following

“This Pact made thisday of between Airports Authority of India, a body corporate constituted by the Central Government under the Airports Act, 1947 of India Act, 1994 and having its Corporate Office at Rajiv Gandhi Bhawan, New Delhi, and offices atin 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 and employees specified by the Chairman in this behalf, and shall also include its assigns) of the one part

AND

.....represented by of the other 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 propriety in accordance with all relevant laws and regulations, and the principles of natural justice, equity, fairness and transparency in its relations with the Bidder/ Contractor.

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 tendering process and the execution of the contract for compliance with the principles mentioned in the said instrument.

AND WHEREAS the Bidder/Contractor, submitting a tender to the Authority for In response to the T (Notice Inviting Tender) dated Contractor is signing the contract for execution ofNOW, therefore, To avoid all forms of corruption by fostering a system that is fair, transparent and free from any influence/prejudiced dealings 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, 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 the 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, any material or immaterial benefit or any other advantage from the BIDDER or other person, organization or third party, for themselves or for any person, organization or third party, in exchange for an advantage in the bidding process, 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 provide 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 any official(s) is reported by the BIDDER to the Authority with full 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 person shall be debarred from further dealings related to the contract process in state a case while an enquiry is being conducted by the Authority the person engaged 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 it shall commit itself to the following.
- 2.1 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 process, contracting and implementation of the contract.
 - 2.2 The Bidder/Contractor 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 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 dis favour 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 others into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specification, certification, contracts, submission or non-submission of bids or any actions to restrain competition 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 Foreign Office shall disclose their foreign principals or associates.
- 25 The Bidder/Contractor 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 contract.
- 26 The Bidder/Contractor further confirms and undertakes to the Authority that the BIDDER is the original manufacturer or authorized government sponsored export entity of the stores and has not employed 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 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 rendered upon for such payments.
- 28 The Bidder/Contractor will not deal 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 or any other illegal activities.
- 2.10 The Bidder / Contactor shall not use improperly, for purposes of competition or personal gain, or disclose to others, any information provided by the Authority as part of the relationship, regarding plans, technical proposals and business details, including information contained in any electronic data carrier. The Bidder/Contractor also undertakes to exercise due and adequate care lest any such information be 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/Contactor commits to refrain from giving any bribe, directly or through any other manner without supporting it with full and verifiable documents.
- 2.13 The Bidder/Contactor shall not instigate or cause to instigate any 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 any relative of an officer of the Authority has financial interest/s 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 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, has committed a transgression in violation of section 2 or in any other manner such as to put his reliability or credibility as Bidder/Contractor at stake, the Authority is entitled to disqualify him from the tender process, terminate the contract for such reason and to debar the BIDDER from participating in future bidding processes.

2. Previous Transgression

- 3.1 The Bidder/Contractor declares that no previous transgression occurred in the last three years immediately preceding the signing of this Integrity Pact, with any other company in any country in violation 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 assignees 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 before contract signing.
- 3.4. That sub-contractor/ 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/ associate(s) in relation to the contract/ work.

3.5 That the Authority will disqualify from the tender process any 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, Validity, Performance Guarantee/Bond.**

While submitting bid, the BIDDER shall deposit an EMD/SD/BG/DRAFT/PAY ORDER ETC I/C WARRANTY PERIOD, VALIDITY etc., which is as per terms and conditions and details given in the 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 or not at the knowledge of the BIDDER) shall entitle the Authority to take 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 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 award under section 2 or 3 or 4, the Authority is entitled to forfeit the earnest money deposited/bid security.
- iv) To recover the sums already paid by the Authority, and in case of an Indian BIDDER, 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 payment is due to the BIDDER from the Authority in connection with any other contract or any other stores, such outstanding payment can 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 due to the BIDDER.
- vii) To debar the BIDDER from participating in future bidding processes for a minimum period of three years, which may be further extended at the discretion of the Authority.
- 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 are received in respect of any contract signed by the Authority with a 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 has awarded a 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 10% of the contract value or the amount equivalent to security deposit or performance bank guarantee, whichever is higher.
- xii) That the Bidder / Contractor shall deposit and undertakes to pay the said amount without protest or demur subject only to condition that if the Bidder/Contractor complies and establish to the satisfaction of the Authority that the disqualification / debarment of the bidder from the tender process or termination of the contract after award of the contract has caused no damage to the Authority.

5.2 The Authority is 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 employee or agent or broker on its behalf (whether with or without the knowledge of the BIDDER), or 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 has fully and/or recouped the damage, if any, caused by him, the Authority may, in its discretion, revoke the debarment prematurely considering the facts and circumstances of the case, and the documents/evidence adduced by the Bidder/Contractor.
- 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 suggesting that no reasonable doubt is possible in the matter.
- 5.6 The decision of the Authority to the effect that 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/ Contractors/ Associates:**
- That if the Authority receives any information or report 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**
- 7.1. That the Authority has appointed competent and credible Independent External Monitor(s) for this Pact.
- 7.2 The task of the Monitor(s) is to review independently and objectively, whether and to what extent the Bidder/ Contractor is complying with the obligations under this Pact. He will also enquire into any alleged 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 request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation including minutes of meeting. The same shall apply to Sub - Contractors and Associates. The Monitor is under obligation to keep the information and documents of the Authority and Bidder/ Contractor and 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 that 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 receipt of information by the Authority and, should the occasion arise, shall make 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 the Anti-Corruption Laws of India and the Chairperson has not, within a reasonable time, taken visible action to proceed against such offence or report 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 any natural or legal person.

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 agent, shall be entitled to examine all the documents including the Pact of Award of the BIDDER and the BIDDER shall provide necessary information and documents in English and shall extend all possible help for the purpose of examination.

9. Law and Place of Jurisdiction.

That this Pact is governed by the provisions under Indian Law. The place of performance and dispute shall be the Corporate Headquarter /the Regional Headquarter / office of the Authority, as applicable.

10. Other Legal Provisions.

10.1 That the changes and amendments 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 above 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, it 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 be found to be invalid; the remainder of this Pact shall remain valid. In such event, 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. _____

Bidder

CHIEF EXECUTIVE OFFICER
Witness

1. _____

2. _____

APPENDIX-XIX

(To be filled by Contractor
(CLAUSE-47))

Ratio of direct payment to the specialized agency : ... % 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 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 administered by AAI for the subhead under consideration shall be paid directly to specialized agency in case of composite contract.

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 AIRMAN, 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 after called the said agreement) the Contractor has agreed AND WHEREAS the Contractor has agreed 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 advanced to the Contractor the sum of Rupees on the security of the said materials and the quantities and other particulars of which are detailed in Accounts of Secured Advances to the Planning 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) made to him as aforesaid the Contractor doth hereby covenant and agree with the AAI 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 any advance has been made to him as aforesaid.
- (3) That the materials on 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 watching and protection against all risks of the said materials and that until used in the construction 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 authorized by him in 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 shall have a liberty to make a recovery from the Contractor's bill for such payment by deducting the value of the said materials then actually used in the construction and in respect of which no recovery has not been made previously, the value for this purpose being determined in respect of the description of materials at the rates at which the amounts of the advances made under these presents are calculated.
- (7) That if the Contractor shall at any time make any default in 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 respect of each 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 the 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 of any further sum or sums advanced as aforesaid and of 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 in the said agreement 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) Size 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 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 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 or dispose of the seized materials or any part thereof and out of the moneys arising from the sale or disposal of the sums aforesaid repayable or payable to the MI under these presents and pay the balance (if any) to the Contractor.
 - (c) Deduct all or any 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 be payable.
- (10) That in the event of a 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 interpretation of these presents the settlement of which has not been herein before expressly provided for shall be referred to the DGM / Jt. GM (Engg.) (Engg.) whose decision shall be final and the provision of the Indian Arbitration Act for the time being in force

shall apply to any such reference.

In witness whereof the said and order and under the direction of
the Chairman have hereunto-set their respective hands and first above written.

Signed, sealed and delivered

by

Signature Witne

Name Ad

Signed by

by the order and direction of the

Chairman in the presence of

Signature

For and behalf of Chairman,

Airports Authority of India.

Witness Name

Address

.

.

.

Works Diary Part A

1. Name of Work.....
2. Contract Agreement No
3. Date of Acceptance
1. Name and Registered address of Contractor.....
2. 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

Works 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				

1. Brief particulars of work in progress

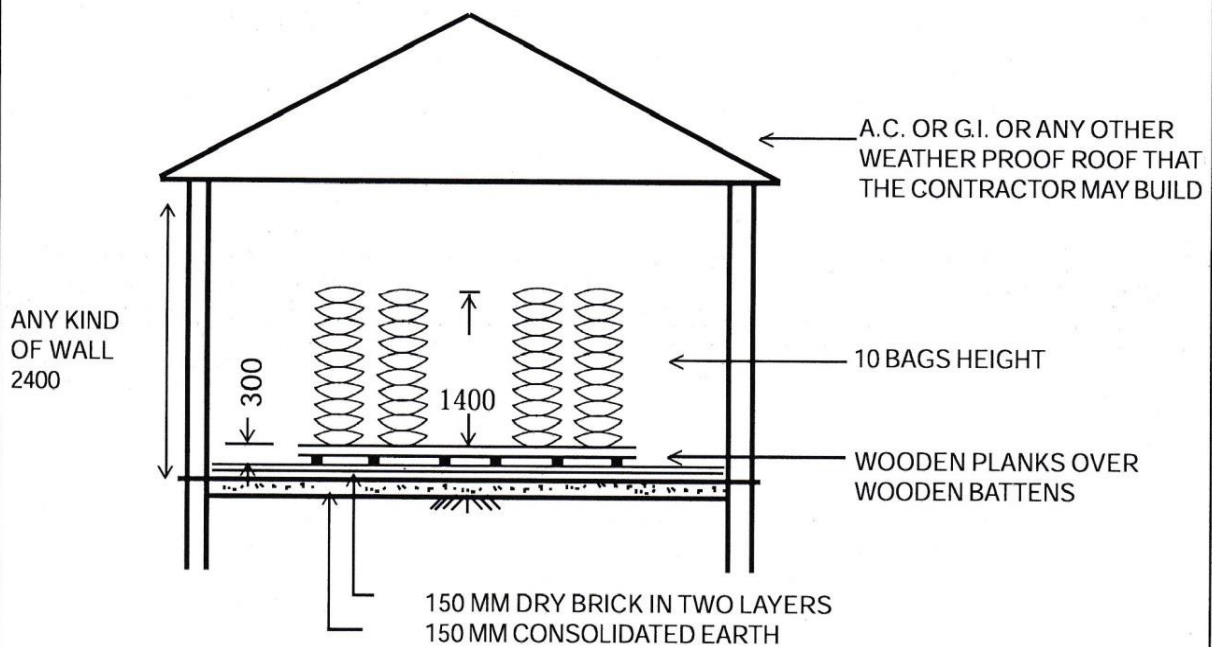
2. Important stages completed and passed

3. Remarks of Visiting Officer

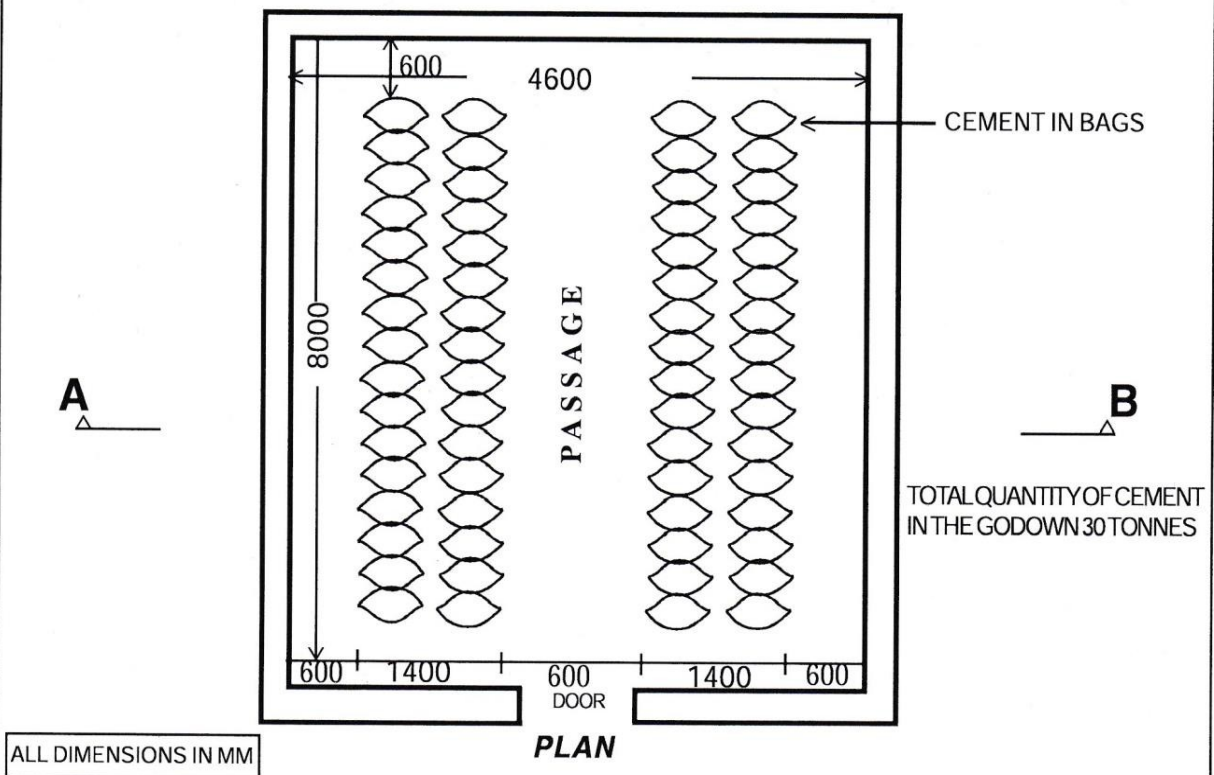
Dated signature of Engineer-in-charge

Date of signature of contractor or representative or
his authorized agent

सीमेन्ट गोदाम का रेखाचित्र / SKETCH OF CEMENT GODOWN



SECTION AB



SKETCH OF CEMENT GODOWN

SCHEDULES

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.249-252** with the tender document. 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 Blue 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 'F'

GENERAL RULES & DIRECTION

Officer inviting tender: Sr. Manager (Engg-Civil),
AAI, Puducherry Airport, Puducherry – 605 008.

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3	Clause 12.2 & 12.3 (Refer pg.178)
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Definitions:

Officer inviting tender: Sr. Manager (Engg-Civil),
AAI, Puducherry Airport, Puducherry – 605 008.

2(v) Engineer-in-Charge: As per AAI's DoP amended

2(viii) Accepting Authority: As per AAI's DOP amended

2(x) Percentage on cost of materials
& Labour to cover all
overheads & Profits: 15%

2(xi) Standard schedule of rates: DSR 2023 & Market rate

2(xii) Department: AAI, Engineering Civil

Clause 1

(i)	Time allowed for submission of Performance Guarantee from the date of issue of letter of intent	NA
(ii)	Maximum allowable period of extension	As per Contract

Clause 2

	Authority for fixing compensation under Clause 2	As per AAI's DOP amended
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Clause 2A

	Whether Clause 2A shall be applicable	No
--	---------------------------------------	----

Clause 5

	Number of days from the date of issue of letter of acceptance for reckoning date of start	Tenth day
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Mile Stone(s) as per table given below: As per clause 5



Sl.No.	Description of Milestones (Physical)	Time allowed in days (from date of start)	Amount to be withheld in case of non achievement of milestone
	As per Special Conditions of Contract		

Time allowed for execution of work. : **02 (Two) Months including rain**

Authority to decide:

- Extension of time... **As per AAI DOP**
- Rescheduling of milestone **DGM/JGM (Engg),
RHQ, SR, Chennai**
- Shifting of date of start in case of delay in handing over of site... **DGM/JGM (Engg), RHQ,
SR, Chennai**

Clause 6, 6A

Clause applicable – (6 or 6A) : **6A**

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.	Rs.25.00 Lakhs
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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 and also as per special conditions of contract Sl.No.39.

Clause 10 B(II)

Whether Clause 10B(II) shall be applicable	Yes
Interest on Mobilization Advances	8.75% per Annum (Simple Interest @ 8.75% + 3% Bank Interest Rate shall be reviewed periodically by Directorate of Finance). Current interest rate is 5.75%.

Clause 10C: **Applicable/ Not Applicable**

Component of labour expressed as percent of value of work: 5 %

Clause 10 CA – Not Applicable

Materials covered under this clause	Nearest Material (other than cement*, reinforcement bars, structural steel & Bitumen) for which All India Wholesale Price index is to be followed	Base price and its corresponding period of all the materials covered under clause 10CA
1. Cement (OPC/ PPC)	Deleted	Base price for cement and reinforcement steel to be determined as issued under authority of DG (Works). CPWD or concerned Zonal Chief Engineer, CPWD as on last date of receipt of tender. In case base price for cement, reinforcement steel and Bitumen as to be issued by CPWD is not available concerned ED (Engg) empowered to determine the same.
2. Reinforcement steel bars (TMT)		
3. Structural Steel		
4. Bitumen		

*Note:

1. Includes cement component used in RMC brought at site from outside approved RMC plants, if any.
2. ~~Base price and its corresponding period of all the materials covered under clause 10CA is to be mentioned at the time of approval of NIT. In case of recall of tenders, the base price may be modified by adopting latest base price and its corresponding period.~~

Clause 10 CC – Not Applicable

Clause 10CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column	18 Months
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Schedule of component of other materials, Labour, POL etc. for price escalation.

Component of civil (except material covered under clause 10 CA) / Electrical construction materials express as percentage total value of workXm%.

Component of labour, expressed as % of total value of work.....Y %.

Component of POL, expressed as % of total value of work.....Z %

Note: Xm.....% should be equal to (100) – (material covered under clause 10 CA i.e. cement, steel and Other materials specified in clause 10 CA + component of labour + component of POL).

Clause 11

Specification to be followed for execution of work	a) “AAI Specification for bituminous mix for flexible airfield pavement, CPWD Specification 2019, Vol. I to II with up to date correction slips, MORTH or other specification as applicable. b) AAI Technical specification. c) Manufacturer’s Specification.
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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	As per DoP amended
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Clause 17

Defects Liability Period - **Twelve Months**

Clause 18

Mandatory machinery tools & plants to be deployed by the contractor at site:

To be provided as per SCC Clause 59 other Machinery required for timely completion of work.

Clause 25

Place of Arbitration: Chennai.

Clause 36(1)**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.	Words
1	Graduate/ Diploma in Engineering	Civil Engg	Project/Site Engineer	02 / 04 years respectively	01	Rs.40000/ Month	Forty Thousand Only

- 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 year 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: As per GCC Clause 37.

Clause 41(b)

Integrity Pact applicable: No

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)	Variations permissible on theoretical quantities	
a.	Cement for works with estimated cost put to tender not more than Rs.5 lakhs.	3% plus/minus
	For works with estimated cost put to tender more than Rs.5 lakhs	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	Not Applicable	Not Applicable
2.	Steel reinforcement	Not Applicable	Not Applicable
3.	Structural Sections	Not Applicable	Not Applicable
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 roadtar @2.25 Kg per m2	600 Sq.m.
	(b) For 2nd Coat, stone aggregate 10 mm nominal size 0.9 Cu.m. per 100Sq.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 m3 of stone aggregate 10 mm nominal size per 100 m2 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 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.	460 Sq.m.

SPECIAL CONDITIONS OF CONTRACT

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 documents 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 Special 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.
- 1.4 i) The work in general shall be carried out as specified in the nomenclature of the item and/ or in order as per the (i) AAI specifications (ii) MoRT&H specifications, (iii) CPWD specifications 2019 Volume I to II with up to date correction slips, and (iv) Manufacturer's specifications.
- ii) For item not covered under AAI specifications, MoRT&H specifications, CPWD Specifications 2019 Volume I & II with up to date correction slips and Manufacturer's specifications, the work shall be done as per latest relevant BIS / IRC Codes of Practice.
- iii) If there is any difference/discrepancy or contradiction in the provision of the said specification of the item of work and the description of the item given in the schedule of quantities, the scope of the item shall be taken according to the following order of preference.
- a) Nomenclature of item as given in the schedule of quantities.
 - b) Drawing/Sketch, if any referred in the nomenclature of items.
 - c) AAI specifications & special condition, if any
 - d) MoRTH Specifications
 - e) CPWD specifications
 - f) Manufacturer's specifications
 - g) Relevant BIS/IRC Code of practice (latest revision)/ASTM Standards.
 - h) General drawings.
 - i) Sound engineering practice as directed by the Engineer-in Charge whose decision in this regard shall be final and binding on the contractor

2.0 COMPLETION SCHEDULE

- 2.1 The works shall be executed strictly as per time schedule mentioned in NIT. Contractor shall have to plan his construction program and activities so as to complete the work in the stipulated period by working in multiple shifts. 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.

- 2.2 The contractor shall furnish within 15 days of letter of award programme chart showing the mile stone for completion of work within the stipulated time and as per conditions of the contract. The program 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 each machinery shall be available at site in working condition etc. complete. The program shall be subject to the approval of Engineer-in-Charge who may order changes in the program. The decision of Engineer-in-Charge shall be final and binding in this regard.
- 2.3 Contractor is expected to mobilize and employ sufficient resources as indicated in the agreed programme schedule to achieve the progress within the broad frame work of accepted methods of working and safety. In time and progress chart, deployment of machineries, equipment's, 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 work or other incentive 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 Engineers-in-Charge can hold the payment till such time; the contractor does not submit Bar Chart etc. The Contractor will be fully responsible to submit Bar Chart in consultation with Engineer-in-Charge to complete the work within stipulated time.
- 2.7 Compensation for delay to be recovered from the contractor for the unjustified period of delay in completing the work shall be worked out on the basis of AAI guide lines /TI/TC etc in vogue for the direct/ indirect losses suffered by AAI.
- 2.8 The contractor shall furnish to the Engineer-In-Charge 12 photographs minimum as appropriate per month of the spots indicated by him to show the progress of the work. Two photographs shall be pasted on one sheet and these sheets shall be kept on a folder for record. The photographs shall be taken from selected reference points in such manner, so that the progress of work is noticeable / perceivable
- 2.9 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
- 2.10 ~~Contractor shall submit monthly progress reports (2 copies) highlighting status of various activities and physical completion of work.~~
- 2.11 Contractor shall give every day report on category wise labour and equipment deployed along with the progress of work done on previous day in the Performa prescribed by the Engineer-in-Charge.

3. DRAWINGS AND DOCUMENTS

- 3.1 The drawings accompanying the tender document if any, are of indicative nature and issued for tendering purpose with the purpose to enable the tenderer make an offer in line with the requirements of the AAI.
- 3.2 However, no extra claim whatsoever, shall be entertained for variation in the "approved for construction" and "tender drawings" regarding any changes. The execution of work shall be as per approved drawings and detailed specifications.
- 3.3 Tender drawing, in addition to preliminary drawings, are available for reference at office of SM (Engg.-Civil), Puducherry Airport. The Tender shall sign each reference tender drawing on such inspection. However, the drawings are purely indicate the scope of work and working and detailed drawings shall be provided during the course of construction in a phased manner.

4. SCOPE OF WORK:

The Scope of work considered in this tender is Development of Additional Pavement Surface from Apron South side to Vehicular lane at Puducherry Airport.

The Works to be carried out as per schedule of Quantities and any other related works considered necessary for the main work, as decided by the Engineer-in-charge. The brief scope of work is as follows:

- a) Earth work excavation for the Fire pit and providing the GSB, WMM, DRLC and Paver Block.
- b) Filling with available excavated earth after construction at low lying areas.
- c) Supplying, Spreading and filling with M-Sand.
- d) Providing and laying in position cement concrete of grade 1:4:8 – All works upto plinth level.
- e) Constructions of the embankment with approved materials obtained from borrow pits with all lift, lead and transport to site, spreading, grading as per the requirement.
- f) Providing, laying and spreading of GSB
- g) Providing, laying and spreading of WMM
- h) Providing, laying and spreading of DRLC
- i) Providing and laying of Paver block
- j) Edge and Centre line marking with runway marking paint
- k) Providing brickwork for Firepit and Kerb wall
- l) Plastering of the brick work (Fire pit & kerb wall) 12mm cement plaster
- m) Finishing walls with Acrylic Smooth exterior paint - Two or more coats.

5. INTENT OF THE PLANS AND SPECIFICATION:

- 5.1 The cross- sectional drawings, if any, together with the contract specification, are intended to show and explain the manner of executing the work and to indicate the type and class of materials to be used. The work to be carried out under the contract shall, except as otherwise provided in these conditions, include all labour, material, tools, plant, equipment and transport that may be required in preparation of and for and in the full and entire execution and completion of the works and maintenance of the same during the construction and observation period. The description given in the schedule of works shall, unless otherwise stated, be held to include waste material, carriage and cartage, carrying or hoisting setting and fixing in position and all other

labour necessary and for the full and entire execution with good practice and recognized principle and any urgent and temporary works, fully contingent on the work.

- 5.2** Excavation: While carrying out the excavation work over the areas or in the foundation trenches, the contractor shall carry out the excavation work very carefully assuming that there may be certain power Communication cables and other services like storm water drain, water supply line, chill water pipe line and firefighting line and manholes etc. In case of any damage to the services while carrying out the work, the contractor has to make good the same at his own expenses.
- 5.3** Before any excavation work is started with the help of heavy machinery, the contractor shall cut / open the trench of size approximately 1.00 m Wide x 1.00 m deep as per direction of Engineer-in-Charge to find out the underground services, if any, then excavate further along the alignment of such services and then only switch over to the excavation with the help of heavy machinery. Nothing extra shall be paid for the same.

6. INSPECTION OF SITE

For the purpose of inspection of site and relevant documents the contractor is required to contact the ~~Airport Director~~/ Senior Manager (Engg.-Civil), AAI, Puducherry Airport who shall give reasonable facilities for inspection of the same. The contractor shall be deemed to have satisfied himself as to the nature of the site of work. Local facilities of access, availability of materials and all other matters affecting his prices for the execution and completion of work. He is required to make himself fully acquainted with the nature and scope of work.

7. SUFFICIENCY OF TENDER: -

- 7.1** Particulars and data furnished in the various sections of the tender documents need not be taken as complete by themselves. They are intended to serve as rough guidance only for the contractors to quote for the item rate tender. The tenderer shall, therefore, in their own interest examine the drawings, conditions of contract and specifications of work furnished in the tender documents. They shall also inspect the site and satisfy themselves on their own as to the hydrological, climatic and physical conditions prevailing at site, the nature, extent and practicability of works, all existing and required roads and other means of communications and access to site, royalties and ferry charges, if any, probable site for labour camps, stores and godown etc.
- 7.2** They shall also obtain for themselves all necessary information as to risks, contingencies and other circumstances which may affect or influence their tender. No extra charges consequent on any insufficient appreciation or otherwise shall be allowed. 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 works/items, quantities or in bills of quantities which rates and price 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 work.
- 7.3** Should there be any discrepancy in or any doubt or obscurity as to the meaning of any of the tender documents, clarification should be sought for in writing sufficiently in advance of the last date fixed for the receipt of the tender from the concerned bid Manager. The department will

have a right to make any amendments in the tender documents and any such changes will be intimated to the tender at least three days before the date fixed for receipt of tender.

8. PROGRAMME OF CONSTRUCTION OF WORKS, PROGRESS REPORT AND PERFORMANCE

i. GANTT CHART (Bar Chart) & Network/CPM chart

The contractor shall submit within fifteen days from date of acceptance of the letter, Bar / Gantt chart. The same shall be got approved from the Engineer-in-Charge before starting of the works and shall be binding on the contractor. In case of non-submission of the Bar/ Gantt & CPM Chart by the contractor within fifteen days as stated above, AAI shall get it done from any consultants at the risk and cost of the contractor and the programme / Bar/ Gantt chart so prepared shall be binding on the contractor. A recovery will be effected for non-submission of detailed Bar / Gantt chart indicating methodology & Sequence of activities as decided by Engineer-in-charge as per clause 5, GCC.

The contractor shall also submit a monthly progress report of the activities with reference to the approved Bar / Gantt chart by 3rd of every month, failing which compensation of Rs. 1,000/- per report shall be levied on the contractor. The decision of the Engineer-in-Charge shall be final and binding in this regard on the contractor, without prejudice to the rights of the Authority under the Agreement. Based on the evaluation by the Engineer-in-Charge and / or his representative of the progress reports submitted, the contractor shall take necessary corrective measures to adhere to the programme, to achieve the required progress and timely completion. In case the contractor fails to take corrective measures, he shall make himself liable for action under clause 2 and /or clause 3 of the contract.

ii. PERFORMANCE:

- a) 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.
- b) 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.
- c) It must be clearly understood that the whole of the conditions are intended to be strictly enforced and that no extra charges 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.

iii. PROGRAMME OF CONSTRUCTION:

- a. Time is the essence of the contract and it shall be clearly understood that the tenderer has a definite programme to carry out the work within the time limit set. The time of completion stipulated in the contract covers the rainy season and no extension of time on account of dislocation due to rains during the above-mentioned period will be granted.
- b. The contractor shall prepare time and progress schedule in the form of Bar / Gantt Chart based on Networks / CPM analysis including resources scheduling for the whole of the contract within

fifteen days after receipt of the work order for completing the work within the completion time stated in the contract and submit them for approval of the Engineer-in-Charge.

- c. Immediately after the conclusion of the agreement and before the work is started, the contractor shall furnish in writing for approval, to the Engineer-in-Charge a programme of his proposed general and detailed arrangement for carrying out the works and of the time, order and manner in which it is proposed to execute the various sections of the work.

iv. **PROGRESS OF WORKS:**

- a) Contractor shall give the Engineer-in-Charge a monthly or other periodical of the work done during that period.
- b) Contractor shall give everyday report on category wise labour and equipment deployed along with the progress of work done on previous day in the specified proforma approved by Engineer-In-Charge.
- c) It shall be ensured that the works are carried out according to the agreed programme and no changes are made except with the prior approval or at the instance of the Engineer-in-Charge.
- d) The progress of work will be reviewed periodically by the Engineer-in-Charge with the contractor and shortfalls, if any sorted out. The contractor shall thereupon take such actions as may be necessary to bring back his work to schedule without additional cost to the department either by employing overtime operation, increasing the number of shifts, capacity of equipment or as otherwise directed by the Engineer-in-Charge.
- e) Should the work be suspended by reason of rain, strike, lockouts or other cause, the contractor shall take all precautions necessary for the protection of the work at his own expenses shall make good any damage arising from any of these causes.
- f) The contractor shall furnish to the Engineer-in-Charge twelve photographs as appropriate per month of the spots indicated by him to show the progress of the work. Two photographs shall be pasted on one sheet and these sheets shall be kept in a folder for record. The photographs shall be taken from selected reference points in such manner, so that the progress of work is noticeable / perceivable.
- g) The Contractor shall shoot and submit a high resolution, HD Quality video film of 2 to 3 minutes duration every fortnightly covering all major construction activities during the fortnight.

9. BILL OF QUANTITIES

- 9.1 The bill of quantities shall be read in conjunction with General Conditions of Contract, Special Conditions of Contract, Technical Specifications, Drawings and any other document forming a part of his tender. The quantities shown against the various items are only approximate and subject to variations as made in General Conditions of the Contract.

10. ROYALTY ON MATERIALS

- 10.1 Royalty at the prevalent rates wherever payable, shall have to be paid by the contractor on the boulders, metal, shingle, sand, good earth, bajri etc. or any other materials collected by him for the work, direct to the revenue authority of the District / States Government concerned.

11. PAYMENTS

- 11.1 The bill shall be submitted at intervals as provided **at clause no. 7 in schedule-F** on or before the date fixed by the Engineer-in-charge for all the works executed since previous bill in accordance with provision of **clause 7 of GCC**. the contractor shall submit all the bills on the Performa prescribed by the Engineer-in- Charge, **only through computerized billing in triplicate.**
- 11.2 The bill shall not be entertained if the gross amount of the work done including secured advance payable is less than Rs.50.00 Lakhs except Final Bill.

12. CONTRACT AGREEMENT: -

The agreement shall be executed on a non-judicial stamp paper of appropriate value of Rs. 100/- (One Hundred Only) and the cost of the stamp paper shall be borne by the contractor.

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.

13. INCOME TAX, LABOUR CESS AND OTHER TAXES AS APPLICABLE

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.

Labour welfare cess shall be levied @ 1% (or as notified) on the gross amount of each running bill and final bill.

Royalty or any other tax on materials, equipments, T & P and labours in respect of this contract shall be payable by the contractor and Airports Authority of India will not entertain any claim whatsoever in this respect.

14. ADMISSION TO SITE

The airport belongs to AAI. For the works falling within the restricted area, execution shall be restricted to operational requirement. The contractor is expected to finish the work by adequate planning as per the satisfaction of Engineer-in-charge. All men & vehicles shall be permitted to enter the aerodrome operational area only on possession of the security passes issued by AAI / Security agencies on the recommendations of Engineer-in-charge or its authorized representative. The contractor shall apply in writing in advance of the commencement of work for issue of security passes and shall submit a list of personal concerned with their addresses and shall satisfy the Engineer-in-charge who shall at his discretion, have the right to recommend the issue of passes to control the admission of contract, 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/ safety 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. 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. Any expenditure i.e. statutory fee for making passes for manpower, machinery, plying of vehicle in-side construction site shall be borne by contractor and nothing extra shall be payable on this account.

15. STORES AND MATERIALS: -

All the stores and materials except the materials stipulated for issue by the Authority required for the satisfactory completion of the work shall be arranged by the contractor from his own sources/open market. No claim whatsoever shall be entertained by the Authority on account of delay in either providing these materials or non-availability of these materials in the market.

The contractor shall, upon demand forward for the Engineer-in-charge's inspection, test certificates rendered by the suppliers for all materials furnished by the contractor.

The contractor shall obtain the approval of the Engineer-in-charge, of samples of all materials to be used in the work and shall deposit these samples with him before placing an order for the materials samples. Fresh samples shall be deposited with the Engineer-in-charge whenever the type of source of any materials changes.

The Engineer-in-charge shall have power to cause the contractor to purchase and use such materials from any particular source, as may, in his opinion, be necessary for the proper execution of the work.

The Copy of invoice (Self Certified) for purchase of cement, Bitumen, steel and paint shall be submitted to the Engineer-in-charge for every lot of cement, Bitumen / steel brought at site along with manufacturer's test certificate. Original Invoices shall also be produced / submitted, if sought by the EIC.

No storage accommodation will be arranged by AAI, contractor shall make all such arrangements at his own cost to the satisfaction of Engineer-in-charge.

16. CONSUMPTION OF CEMENT / BITUMEN/ STEEL

Proper record of daily consumption of cement, steel, Bitumen and paint shall be maintained at the site of work for as directed by the Engineer-in-Charge.

17. BYE – LAWS

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 the giving and receiving of all necessary notice and keeping the Engineer-in-Charge informed of the said compliance with the bye-laws, payment made, notices issued and received.

The contractor shall indemnify the AUTHORITY against all claims in respect of patent, design, trade marks of name or other protected rights in respect of any plant, machine work or material used for or in connection with the work or temporary works and from and against all claims, demands, proceedings, cost, charges, and expenses whatever 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, cost and other charges of all an every sort that may be legally incurred in respect thereof. Environmental and other clearances required shall be obtained by the contractor at his own cost for installation of plants and machinery and other equipments.

The contractor shall intimate to EIC his PF account code no. allotted by regional PF commissioner and ESI registration no. allotted by ESI Corporation after award of work.

Contractor/ agency shall ensure that each workmen deployed at site should be registered with EPF authorities and should have UAN number. The contractor/ agency should submit details of PF deducted of the workmen to AAI on monthly basis. These requirements are in addition to the GCC clause 20 (a).

Contractor/ agency shall also ensure that all labour deployed at site should be registered with ESI authorities. The contractor/ agency should submit details of ESI deducted of the labour to AAI on monthly basis. These requirements are in addition to the GCC clause 20 (a).

18. 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 deploy site organization and augment the same as decided by the engineer-in-charge depending on the exigencies of work. Any engineering personnel deployed at site should not be removed from the site without prior approval of the Engineer-in-charge.

19. STACKING OF MATERIALS:

The contractor shall stack materials at the area allotted at site of work strictly as per instructions of the Engineer-in-Charge keeping in view the operational requirements of the Airport and AAI. This storage site/yard need necessarily be in the perimeter/ proximity of the work site as approved by Engineer-In-Charge and nothing extra shall be paid on this account.

The 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.

Cement bags shall be stored in separate go-down to be constructed by contractor at his own cost with weather proof roofs and walls.

20 . SITE PRECAUTIONS:

- a) Strict precaution must be exercised by the Contractor to avoid interference with aircraft operation on that portion of the aerodrome not closed off to aircraft traffic. Where there are restriction of movement imposed by the Civil Aviation department and AAI, the contractor shall abide by all rules and regulation laid down in this regard by the Department and the authority.
- b) It will be the responsibility of the contractor to see that air traffic control tower signals are instantly and rigidly observed and acted upon by all personnel employed by the contractor on the job.
- c) With regard to construction safety measures, the contractor shall adhere to vehicle Indian Standard codes of practice, requirements of provincial Government and local Municipal authorities wherever the provisions of the later 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.
- d) The contractor shall during construction provide barricades at his own cost, if required. The barricading shall be provided using GI sheets 7 to 8 feet height supported with appropriate frame work, to segregate the working area to ensure safety of all concerned. Nothing extra shall be paid on this account.
- e) The contractor shall be responsible for any damage, resulting from his operations, to existing airport fixtures such as underground cable, contact lights, hard surface areas, water mains, other operational installations, airports roads, etc. The contractor shall restore, replace or repair any such damage to the complete satisfaction of the Engineer-in-charge 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. The Engineer-in-charge will stake out or inform the contractor as to the location of such underground cables, pipes, ducts, etc. and in this regard, the Engineer-in-charge should be advised in sufficient time ahead as to what areas the contractor may be operating on.
- f) If any time during the execution of work and for any reasons whatsoever there is some difficulty in availability of site, the contractor shall adjust his labour accordingly and no claim shall be entertained on this account.
- g) No labour huts shall be permitted to be constructed inside the operational area.
- h) Contractor shall be responsible for the police and antecedent verification of the labour employed by him in the operational area and shall indemnify the department of any security problems arising there of.
- i) The contractor shall comply with safety guidelines and take all precautions to avoid all accidents by exhibiting necessary day & night caution boards, speed limit boards, red flags, red lights and providing barriers etc. 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.
- j) The agency is also required to provide specific uniform and safety devices to the manpower deployed on site for the work in operational area as detailed below:-
 - i) Safety helmets 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 of jobs.
 - iii) All contractor personnel's working in operational area are suppose to wear coloured high visibility jackets. Wearing of coloured high visibility jackets in the operational area is mandatory.

- k) Any materials or T & P etc. found lying outside the sites approved by the Engineer-in-Charge shall be removed by the Engineer-in-Charge at the risk and cost of the contractor.
- l) When the contractor's equipment or personnel require to cross areas which are not close to aircraft operations, the contractor shall provide competent flagman at locations designated by the Engineer-in-Charge to relay signals from airport traffic control to personnel wishing to cross such areas.
- m) During execution of work, all men & vehicles have to observe the regulations in force in operational area and due care to be taken not to disturb the operation of the equipment/any cables/pipe lines running in that area. In this connection, contractor or his authorized supervisor has to co-ordinate with the respective unit in charge and filed engineer. In case of any damage, the contractor has to rectify the same at his own cost within reasonable period, without affecting the operations.
- n) Every transport vehicle shall carry a permit issued by the Chief Authority of Airport/Aerodrome concerned and shall be produced on demand by him or his authorized agent. All vehicles entering the Airport limits shall follow the routes prescribed by the Chief Authority of Airport for entering the areas and shall display red flag on top.
- o) The contractor shall take all precautions to avoid all accidents by exhibiting necessary day & night caution boards, speed limit boards, red flags, red lights and providing barriers. 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.
- p) 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.
- q) The contractor shall exercise extreme care at all times to maintain cleanliness in all operation, avoid fire and accident hazards and remove all inflammable debris promptly. The site shall be maintained in a condition reasonably acceptable to the Engineering-In-Charge at all times.
- r) There are restrictions on movements in operational area imposed by the Aerodrome Authorities and the contractor shall abide by all the rules and regulations in this regard and shall acquaint himself and all his staff, thoroughly with the rules and regulations.
- s) If at any time during the execution of work and for any reasons whatsoever there is some difficulty in availability of site due to flight operations, the contractor shall adjust his labour accordingly and no claim shall be entertained on this account.
- t) During the course of work, proper and elegant direction boards and "Work is in progress inconvenience caused is regretted" etc. shall be displayed at appropriate places.
- u) Carriage of materials is to be taken carefully to avoid any spillage and to keep the area clean.
- v) All men and vehicles will observe the regulations in force in the operational area and will do nothing to pose a danger to the aircraft and their operations. All vehicles will fly the mandatory red flag during day light hours and red lights during night while working in operational areas.
- w) The construction equipment/ vehicles 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 calibrations on yearly basis for the safe operation of the construction equipment in operational area. All the equipments and machineries deployed in connection with this work shall have valid road worthiness / fitness certificate issued by the manufacturer / appropriate authority.

- x) The work shall be executed day and night as per the availability of NOTAM and nothing extra will be paid on this account. The agency has to mobilise, execute and demobilize the resources within this time schedule and no extension of time beyond NOTAM hours will be permitted in any circumstances. The work shall be taken up in a phased manner and as per NOTAM schedule so that day to day operations of flights schedule are not affected. Also, all laid down norms / precautions for executing works at an operational Airport must be complied with which includes necessary arrangements for temporary closure of runway, Provision of temporary ramps, markings after each day's work etc.
21. 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 earth 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.
22. For items pertaining to building work the specification detailed under relevant subheads for building work shall be followed.
23. All incidental charges of any kind whatsoever including cartage, storage, cutting and wastage etc. shall be borne exclusively by the contractor and nothing extra shall be payable to him on this account.
24. All material obtained from AAI stores or otherwise shall be got checked by the Engineer-in-Charge of the work on receipt of the same at site before use.
25. No payment will be made to the contractor for damage caused by rain or other natural calamities during the execution of the work and no such claim on this account will be entertained.
26. The contractor shall adjust his labour, staff, plant machinery etc. according to the requirement of work from time to time and no claim shall be entertained on account of idle labour, plant, machinery etc. due to any reason whatsoever.
27. All the materials to be used on the work shall be of best quality available and shall have the approval of Engineer-in-Charge before use.
28. The contractor shall arrange to provide portable lights and markings with the luminous paint to indicate the areas under construction/or repairs as per the direction of Engineer-in-Charge. These lights shall be of the approved colour and capacity and shall be operated throughout the night and during bad weather. In addition to these markings, lights cone markers painted with luminous paints shall also be put.
29. The contractor shall provide suitable temporary diversion arrangement for flow of water in the existing drain pumping and bailing out water from the drain, if required for proper execution of the works at his own cost, as per directions of Engineer-in-Charge.

30. In all contracts relating to security, watch and ward services, the contractor shall engage ex-servicemen or ex-police personnel to the contracted job.
31. The contractor shall make necessary arrangement for all machinery, equipment etc. considered necessary by the Engineer-in-Charge for completion of works within the stipulated time. The rates quoted by the contractor shall include the cost of providing / running all such machinery, equipment etc. Nothing extra shall be paid on this account.
32. The contractor shall regulate the movement of vehicles in accordance with the regulations of local traffic authority and shall provide necessary roads, diversions etc. for access of vehicles to the site of work. Nothing extra over and above quoted by him shall be paid on this account.

33. CONTRACTOR'S REPRESENTATIVES, AGENTS AND WORKMEN/ WORK WOMEN

- a. The contractor shall employ only Indian Nationals and verify their antecedents and loyalty before employing them on the work. He shall ensure that no person of doubtful antecedents and nationality is in any way associated with the work.
- b. The contractor shall, on request from the Engineer-in-Charge promptly cease to employ in connection with the contract and replace any person whose continued employment in connection there with is in the opinion of the Engineer-in-charge undesirable. He shall not be re-employed in connection with the contract without the written permission of the Engineer-in-charge. The decision of the Engineer-in-charge upon any matter arising under these conditions shall be final and conclusive.

34. DEPARTMENTAL REPRESENTATION:

- 34.1 The Engineer-in-Charge during his absence on the works shall be represented by one of his subordinates, whose duties in relation to the contractor shall be to ensure that work is performed in conformity with the plans and specifications in all respects. He shall communicate to the contractor the instructions and directions of the Engineer-in-Charge on all questions relating to the work, and the contractor shall comply with such instructions and directions. He shall request the contractor in writing to suspend the performance of any part of the work, if in his judgment the contractor is deviating from the plans and specifications, in spite of his instructions and contractor shall comply.
- 34.2 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.
- 34.3 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. CO-ORDINATION:

The contractor shall co-operate with Authority's other contractors, compare plans, specifications and the time schedules and so arrange his work that there will be no interference. The contractor shall forward to the Engineer-incharge all correspondence and drawings so exchanged. Failure to check

plans and conditions will render the contractor responsible for bearing of any subsequent change found necessary.

36. STANDARD OF WORKMANSHIP:

To determine the acceptable standard of workmanship, the contractor shall execute a portion of the items of works as a sample for approval of the Engineer- in-Charge before taking up the actual execution of the particulars item of work. These samples on approval of the Engineer-in-Charge shall be guiding samples for execution of the particulars item of work. Work not conforming to approved samples shall be rejected. The cost of samples is to be borne by the contractor.

37. DAMAGE / DEFECTS LIABILITY: -

If the contractor or his working people or servants shall break, deface, injure or destroy any part of building which they may be working on, road kerb, fence, enclosure, water pipe, cables, drains, electric or telephone post, or wires, trees, grass or grassland, cultivated ground or any pavement contiguous to the premises on which the work or any part of it is being executed or if any damage shall happen to the work while in progress from any cause whatsoever, the contractor shall upon a receipt of a notice in writing, make the same good at his own expense or in case of default, the Engineer-in-charge may cause the same to be made good by other workmen and deduct the expense from any sums that may be then or at any time thereafter become due to the contractor or from his Security Deposit.

The defects liability period shall be reckoned as one year from the date of completion of work and it shall be the responsibility of the contractor to repair, strengthen or reconstruct at his own expense any portion of the work which has shown damages or any defects arising out of any bad workmanship or defective material being used for the work. In case, rectification work is not commenced by the contractor within 7 days from the date of notice from the Engineer-incharge, the Engineer-in-charge reserves the right to get the repair work executed at the risk and cost of the contractor.

Security Deposit of the contractor shall not be refunded before expiry of one year, after the issue of the certificate of completion of work or till final bill has been prepared and passed, whichever is later.

38. CO-OPERATION BY CONTRACTORS:

The contractor shall give his constant attention to facilitate the progress of the work, thereof and shall co-operate with AAI officials and others in every way possible. He shall have to be present on the work at all times. During his absence, a competent representative who is able to communicate with the department's representative and is authorized to receive order and act for him, should be present.

39. INSTRUCTIONS AND NOTICES:

- a. Subject as otherwise provided in this contract all notices to be given on behalf of the department and all other actions to be taken on its behalf. may be given or taken by the Engineer-in-Charge or any officer, for the time being entrusted with the functions, duties and powers of the Engineer-in-Charge.
- b. All instructions, notices and communication, etc. under the contract shall be given in writing and if sent by registered post to the last known place of above or the business of the contractor, shall be

deemed to have been served on the date on which in the ordinary course of post, these would have been delivered to him.

- c. Contractor or his agents shall be in attendance at the site(s) during all working hours and shall superintend the execution of the works with such additional assistance in each trade as the Engineer-in-Charge may consider necessary and 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.
- d. The Engineer-in-Charge shall communicate or confirm his instructions to the contractor in respect of the execution of work in a works site order Book maintained at the site office of the Engineer-in-Charge / E-mails and the contractor or his authorized representative shall confirm receipt of such instructions by signing the relevant entries in this book. Contractor is also authorized to write his remarks related to the work in the site order book. On demand by the contractor, he shall be furnished certified true copy of instruction(s).

40. SAMPLING AND TESTING

- a. The contractor at his own cost shall set up a fully furnished and adequately equipped field laboratory at site within 30 days from the date of issue of work order 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 Engineer in charge may at his discretion, cross check the test result obtained in 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.
- b. The contractor shall provide proper facilities at all times for the inspection and testing of materials and the Engineer-in-Charge shall have access at all times to the place of stores or manufacture. The contractor shall give sufficient advance notice of placing order so as to permit test to be completed before the material is incorporated in the work and shall afford such facilities as the Engineer-in-Charge may require for collection and forwarding samples and making inspection. The contractor shall not make use of or incorporate in the work the materials represented by the samples, until tests have been made and materials found to be in accordance with the specifications.
All tests of materials furnished by the contractor shall be made in accordance with commonly recognized methods of Indian or of other international organization or such other method and test as are prescribed in the specification or are in use in conformity with standard practice of the department and charges therefore, will be borne by the contractor.
- c. Field tests of materials will be carried out by the Engineer-in-Charge as deemed necessary and these tests shall be made in accordance with the standard practices of the department. The cost involved in all such field tests will be borne by the contractor.
- d. The various tests as indicated in the AAI specifications, MoRT&H specifications CPWD specifications or BIS, as considered necessary by the Engineer-in-Charge shall be carried out in the laboratory as approved by the Engineer-in-Charge. The contractor shall bear the entire cost of samples, testing charges, carriage and any other incidental expenditure incurred, thereon. The result shall be final and binding on the contractor.
- e. Contractor shall distinctly display a board at work site on the cement store indicating the opening balance on a particular day, receipt during the day and issue during the day and closing balance at the end of the day. (The entries shall be updated immediately on physical issues)
- f. 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.

- g. Routine type tests for the various items of material shall be performed at the contract's works and test certificates furnished. The contractor shall permit the EIC or his authorized representative to be present during any of or all the tests. After notification to the EIC that the work has been completed, the contractor shall make under the direction and in the presence of EIC such tests and inspections as have been specified or as the EIC shall consider necessary to determine whether or not the full intent of requirements of the plans and specifications have been fulfilled. In case the work does not meet the full intent of the specifications it shall be rectified by contractor at no extra cost and the contractor shall bear all the expenses for any further tests considered necessary.
- h. The Contractor at his own cost shall provide survey equipment's (Levelling instruments, measuring tape etc.) and field test equipment's as per site requirement and as per specifications. Operating persons for test Equipment's shall be provided by the contractor at his own cost.
- i. All tools, instruments, plants and labour/operating personnel for the test shall be provided by the contractor at his own cost. The contractor shall have to facilitate required testing equipment at site as desired by engineer-In-Charge time to time.
- j. It is made clear that cost of testing, cost of material for testing, all field apparatus required for sampling and testing as per AAI specifications, MoRT&H specifications CPWD specifications or BIS codes and manpower incident to such testing will be provided along with necessary transport arrangement to and from 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.
- k. The Contractor or his accredited representative shall be present during sampling/testing and signify his concurrence for sampling/ testing carried out by signing the test records. The Contractor shall be liable of all actions consequent to the test and their results as if he himself attended to the tests. The Contractor is duly advised to be present himself for sampling and testing or in the alternative, have fully qualified duly authorized Engineer for this purpose.
- l. 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.
- m. Mandatory test as prescribed in AAI specifications, MoRT&H specifications CPWD specifications or BIS codes shall be conducted for materials that are to be incorporated in the work. For certain tests, which cannot be conducted at site laboratory the same are to be referred to independent laboratory by the Engineer-In-Charge. Testing charges, cost of samples including conveyance, packing etc. shall be borne by the contractor.
- n. In case there is any discrepancy in frequency of testing as given in list of mandatory tests and that in individual subheads of works as per CPWD specifications 2019 the higher of the two frequencies of testing shall be followed, and nothing extra shall be payable to the contractor on this account.

41. SITE CONDITIONS, REQUIREMENTS, BENCH MARKS AND SETTING OUT OF WORKS

- a. The levels of the various floors of building and pavements, road work etc. shall be as shown in the architectural level plans, should there be any discrepancy in the floor/ground levels, the decision of the Engineer-in- Charge shall be final and binding and no claim whatsoever shall be entertained on this account.

- b. The contractor shall be responsible for the true and proper setting out of the work and for the correctness of the positions levels and dimensions and alignments of all parts of the works and for the provisions of all necessary applications and labour in connections therewith.
- c. If any time during the progress of the work any error may appear or arise in the position, levels, dimensions 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.
- d. The checking or any setting out of any line or level by the Engineer-in- Charge or his representative shall not relieve in any way the contractor of his responsibility for the correctness thereof and he shall carefully protect and preserve all Bench marks, site rails, pegs and other things used in the setting out of works.
- e. Completion of all items of the work in question-shall be carried out by the contractor at his own cost.
- f. The contractor shall also keep proper record of such permanent Benchmarks established denoting therein their correct levels.
- g. The work of establishing all such bench marks shall be carried out only by experienced staff of the contractor with the help of precision instruments suitable for this type of work. The instruments used shall be checked for their accuracy and for permanent adjustment before the commencement of the work and also at frequent intervals during the progress of the work.
- h. All such Bench marks established by the contractor shall be subject to check and approval of the Engineer-in-Charge or his representative and any variations noticed in the work as a result of improper establishment or maintenance of such Bench marks shall be at the contractor's risk and expense.

The contractor has to adjust his work and progress the work in coordination with other agencies working at site.

42. CONDITIONS FOR STORAGE OF MATERIAL

The contractor shall bear all incidental charges for cartage / storage and safe custody of material. The contractor shall construct cement godown suitably at the place allotted by the Deptt. and as per directions of Engineer-in-Charge for storing the materials safe against damage by sun, rain, dampness, fire, theft etc. He shall also employ necessary watch & ward establishment for the purpose. Cement of different brands and grades in gunny or polythene bags shall be stored in separate godowns each godown shall be provided with a single door with two locks. The keys of one lock should remain with Manager (Engg.) / Asstt. Mgr. (Engg.) / Jr. Exec. (Engg.) in-charge of the work and that of the other lock with the authorized agent of the contractor at the site of work so that the cement is removed from the godown according to the daily requirement with the knowledge of both the parties. The day-to-day receipt and account of cement shall be maintained by Manager (Engg.) / Asstt.Mgr. (Engg.) / Jr. Exec. (Engg.) in-charge of the work and signed daily by the contractor or his authorized agent. Cement shall be stored and stacked in bags in dry and water proof sheds. The bag shall stack in rows of two and at least 10 to 20 cm clear above the floor with two layers of dry bricks laid on the well consolidated earth. A space of 60cm should be kept all-round as well as between the exterior walls and the stacks. Cement bags should be placed together in the stack to reduce circulation of air as much as possible. Cement bags shall not be stacked more than 10 bags high to avoid lumping under pressure. Contractor shall distinctly display a board at work site on the cement store indicating the opening balance on a particular day, receipt during the day and issue during the day and closing balance at the end of the day. (The entries shall be updated immediately on physical receipt and physical issues.)

43. DIFFERENCE BETWEEN FIRST LOWEST BIDDER AND SECOND LOWEST BIDDER

The total amount of final bill worked out at the accepted tender rates, if found to be more than the amount worked out at the quoted rates of second lowest, the contractor shall be paid lower of the two.

44. TEMPORARY WORKS

- 44.1 The tenderer should see the approaches and conditions of the site. If any approach from main road is required at site or existing approach is to be made good 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.
- 44.2 The tenderer before quoting rate should inspect the approaches required from collection of material/ execution of work. Approaches from main road to plant site to carry Aggregates/machinery/vehicles and road plant site to work site to carry machinery/bituminous material/vehicles shall be prepared by agency at its own cost. No claim shall be entertained on this account
- 44.3 In case existing approach road /facility of Airport operator/other authorities is used by agency for collection of material/machinery/bituminous materials etc then used approach road/facilities shall be restored by Agency on its cost in original condition as it was when agency started using it
- 44.4 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.
- 44.5 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

45. WATER

- 45.1 The Contractor shall make his own arrangement of suitable water for construction, his staff and workmen at his own cost. 1 % of gross value of work done shall be recovered from the contractors bill, if the Water is used from the sources available within the premises of Airport/AAI. The water shall be tested from approved test house as per instruction of Engineer-in-charge. The testing charges for water will be borne by the Contractor.

46. POWER SUPPLY:

The Contractor shall make his own arrangement of power supply for work as well as for general lighting at his own cost by deploying Diesel Generator sets of sufficient capacity to supply adequate electricity necessary for the lighting arrangements at site. If required, electric connection can also be obtained from Electrical Dept of AAI (depending on availability of power), by applying in writing to Engineer in charge for connection. The Contractor shall lay necessary

wiring and arrange for main switch and meter at his own cost and remove, the same on completion / termination of the contract. The meter should be got tested by AAI Electrical Dept before using. The bill raised by Electrical Dept for use of electricity by contractor shall be deducted from bill of contractor. Please note that AAI does not guarantee the availability of electric supply. The contractor has to make his own arrangement for power supply, in case there is no availability of power supply from AAI.

47. CONSTRUCTION EQUIPMENT

- 47.1 No Construction equipment shall be provided by AAI.
- 47.2 The contractor shall without prejudice to his overall responsibility to execute and complete the work as per specifications and time schedule deploy adequate equipment and tools and 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.
- 47.3 The machineries required for execution of the work shall be deployed by the contractor in adequate number as per the programme and completion schedule and any further additional machineries are required to be deployed shall be informed to the agency as and when required as directed by EIC.
- 47.4 To Maintain the record of the T&P received & the dates when it has been received at site and also to keep track of the receipt of the material at site, workmen/staff deployed, works diary shall be maintained jointly by the Engineer- in- charge and the agency to maintain a daily record of these activities to form basis of any analysis of this kind or in case any dispute occurs at a later date.
- 47.5 Apart from the Tools and Plants quantity shown above, contractor is required to deploy additional T&P if required and directed by Engineer-In-Charge to ensure work execution with quality and timely completion of work. For such deployment of machinery no claim whatsoever shall be entertained.
- 47.6 Agency has to take care to reduce smoke/dust, coming out of plant operation to as minimum as possible / permissible level by installing device at its own cost including device procurement, installation, operation. Agency has to take required permission from Pollution control Department /Statutory bodies its own cost. Without following this clause Agency shall not be allowed to commence the bituminous work. Before commencement of work, permission to be obtained from Pollution Control Board, the same shall be submitted to AAI, Puducherry.
- 47.7 The agency should deploy sufficient manpower including four (04) teams to carry out survey works in order to complete the work on time.
- 47.8 Wherever, milling machine work is involved, adequate number of machine to be deployed for carrying out the work.
- 47.9 The contractor shall arrange at his own cost the mandatory machines, tools & plants in good working conditions at the site. However, to complete the work in a period as specified in the tender document, the contractor shall augment extra machineries, if required and asked for by Engineer-in-charge.
- 47.10 Any other plants and machineries, apparatus, equipments and tools required for completing the work shall also, be provided by the contractor at his own cost at the time of need as decided and directed by EIC.
- 47.11 Necessary manpower for handling, operating and maintaining the above mentioned equipments and machineries shall be provided, by the contractor at his own cost.
- 47.12 Necessary P.O.L required for running the equipments and machineries deployed for the work shall be provided by the contractor at his own cost. In the event of any breakdown of the equipments and

machineries, the contractor shall take prompt remedial measures to fit them back in condition in the shortest possible time and nothing extra shall be paid for it. To minimize breakdown period, necessary spare parts shall be kept readily available at site by the contractor at his own cost.

48. EQUIPMENTS FOR NIGHT WORKING:

- a) In case, it appears, at any stage that the project may not be completed within the stipulated period due to restricted working hours in the day in view of operational reasons, 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 night time. For proper execution, the work site shall be properly illuminated as required.
- b) Three Nos. of DG sets of 62.5 KVA capacity of each with mobile arrangement to give illumination of 25-50 nos. of 1000 watt halogen lamps with suitable wiring shall be installed at the work site. The quantity of above mentioned DG set and halogen lamps shall be increased as per site requirement and decision of Engineer-in- Charge and nothing extra will be paid to Agency for the above mentioned arrangement to be done for execution of work.
- c) Pumps with Gensets to bail out water/mud encountered during excavation of earth i.e. dewatering wherever required.
- d) Nothing extra shall be payable to contractor for working in night time including all arrangement done for executing the work.

49. TEMPORARY SERVICE ROADS, PREPARATION OF GROUND ETC.

- a) 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 carriage of materials etc. by the contractor, the same shall be provided, improved and maintained by the contractor at his own cost.
- b) The contractor shall bear all expenses and charges, on special or temporary service roads required by him in connection with access to the site. He shall not object to the use of service roads by other construction traffic.
- c) Upon completion of the work such roads shall be broken up and levelled where so required by the drawings unless the Engineer-in-Charge shall otherwise direct.
- d) Conveyance of men and materials and inspection staff etc. to any portion of the work site involved in the construction shall be the responsibility of the contractor.

50. WATCH AND WARD & LIGHTING:

The contractor shall provide and maintain at his own expense all lights, fencing and watch & ward when and where necessary or required by the Engineer-in- Charge for the protection of the work or for safety and convenience of those employed on the work or the public.

51. LABOUR CAMPS

No labour camps will be allowed in the operational area.

52. ARRANGEMENT TO BE MADE BY THE CONTRACTOR AT SITE

30.1 Necessary registers and stationeries required for entering data and test results shall be provided by the contractor at his own cost as directed by the engineer- in-charge.

53. USE OF CEMENT

53.1 Cement used shall be OPC 43 grade. The contractor is allowed to use 53 grade OPC cement in case of non- availability of 43 grade OPC cement. However, nothing shall be paid extra to contractor on this account.

54. CONTRIBUTION TOWARDS PONDICHERRY BUILDING AND OTHER CONSTRUCTION WORKERS WELFARE BOARD.

54.1 Pondicherry Building and Other construction Workers (Regulation of Employment and Conditions of Service) Rules 2001 vide G.O.M.S.No. 25/2001/Lab/AIL/G dated 28th August 2001 published in the Official Gazette no. 14, dated 29.8.2001 of Government of Puducherry, a contribution at the rate of 1% (One percentage) at the value of the work is to be paid to the Pondicherry Building and Other construction Workers Welfare Board. Hence AAI shall deduct the same from payment due to the contract. The rate quoted by the tenderer shall deemed to be inclusive of this amount.

55. 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.

56. WORK DURING NIGHT OR ON SUNDAYS AND HOLIDAYS:

Subject to any provisions to the contrary contained in the Contract, works shall be carried out during night or on Sundays or on authorised holidays with the permission of the Engineer-InCharge.

57. LICENSE FEE FOR LAND ALLOTTED BY AAI

57.1 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 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, if available 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 licenser.

- (i) Land/Space Unpaved, to the extent allotted to contractors during execution of work for the purpose of installation of plants, cement godown, site office, stacking of materials shall be provided at free of cost up to completion of work.
 - (ii) 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 1st Running Account Bill.
 - (iii) 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 Unpaved after completion of the work shall be charged as per prevailing license fee of the airport plus 25% penalty over that.
 - (iv) The allotment of land for purpose of or in connection with the contract subject to the following and such others terms and conditions as may be imposed by the licenser.
 - (v) That such use or occupation shall not confirmed any right of tenancy of the land to the contractor.
 - (vi) That the contractors shall be liable to vacate the land on demand by the E.I.C.
 - (vii) That the contractor shall have no rights to any construction over this land without the written permission of the E.I.C. In case, he is allowed to construct any structure he shall have to demolish and clear the same before handing over the completed work unless agreed to the contrary.
- 57.2 The contractor shall provide, if necessary or if required on the site, old temporary assets there to and shall alter, adapt and maintained 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 E.IC and make good all damage done to the site.
- 57.3 Land for labour camps: No labour camps will be permitted within the operational area and contractor shall make the necessary arrangements, at his own cost with prior approval of the E.I.C in setting the camps outside operational area in AAI land at prescribed charges, if available or at private land.
- 57.4 The site for the proposed work **“Construction of Fire Pit at Runway 25 south side at Puducherry Airport”** shall be handed over to the contractor along with the existing structures if any plantations/ trees, stone pitching in the edge of runway basic strip/building site, paths, roads etc. are to be dismantled/demolished and cleared. 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 dismantling are to be stacked at a place properly as directed by Engineer-in-Charge and handed over to him. Nothing shall be paid separately for carrying out these activities.
- 57.5 Site to the contractor shall be made available in phases and contractor shall be liable to dismantle/ relocate any of the structures fouling with the proposed site as per instruction by the Engineer-in-Charge. No claims whatsoever, towards aforesaid activities shall be entertained.

57.6 In case existing approach road /facility of Airport operator/other authorities is used by agency for collection of material/machinery/bituminous materials etc then used approach road/facilities shall be restored by Agency on its cost in original condition as it was when agency started using it.

58. CLOSING DAY'S WORK

58.1 Puducherry Airport is operational Airport. After completion of work cleaning of day's working area and adjoining area shall be made free of foreign object Debris (FOD) which might have been affected during execution of work and during material transportation.

58.2 After the closure of day's work, all equipment and stock piled materials must be so placed that after darkness their tops are below a fifty to one ratio from the ends of the basic strips of the runway and twenty to one from sides of useable aircraft traffic areas and must be marked with red flags by day and red lights by night to indicate that they project above the general contour of the aerodrome.

58.3 Work shall be closed at 2 hrs. Notice for VVIP movement and also due to other exigencies, if directed by the Engineer-in-Charge.

58.4 No compensation shall be entertained on account of above para 58.1 to 58.3.

58.5 After cleaning and rolling of day's work, painting / marking shall be done using appropriate material on the places as directed by Engineer-In-Charge.

59 SITE FOR STACKING OF MATERIALS, MACHINES, INSTALLATIONS OF T&P AND CONSTRUCTION OF TEMPORARY HUTMENTS

59.1 The contractor shall not be allowed to install plants and machineries within the airport premises . However,Store and stacking of material will be allowed within Airport premises in non-operational area,if land is available. However, installing crushing plant within AAI area will not be permitted. The contractor shall not be permitted to enter on (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 a license subject to the following and such other terms and conditions as may be imposed by the licenser:

- i) That he shall pay a fee as mentioned in clause 5 of SCC.
- ii) That such use or occupation shall not confer any right of tenancy of the land to the contractor.
- iii) That the contractor shall be liable to vacate the land on demand by the Engineer-in-Charge.
- iv) That 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 and clear the same before handing over the completed work unless agreed to the contrary.

59.2 The contractor shall co-operate with any other agency working on the same project, compare plans, specifications and the time schedule and so arrange his work that there will be no interference. The contractor shall forward to the Engineer-in-Charge all (correspondence and drawings so exchanged. Failure to check plans for conditions will render the contractor responsible for bearing the cost of any subsequent change found necessary, contractor should co- ordinate in such a way that on no account there should be any disturbance to the work.

60. APPARTITIONING OF WORK

The Airport Authority of India reserves the right to apparition the work at different levels amongst not more than two contractors, by negotiations if necessary

61. Wherever any reference to any CPWD / MoRTH / Indian Standard specification occurs in the documents relating to the contract the same shall be inclusive of all amendments issued thereto or revisions thereof, if any, upto the date of receipt of tenders.
62. For items, where so required, samples shall be prepared before starting the particular items of work for prior approval of the Engineer-in-charge and nothing extra shall be payable on this account.
63. The contractor shall comply with proper and legal orders and directions of the local or public authority or municipality and abide by their rules and regulations and pay all fees and charges, which may be liable.
64. No compensation shall be payable to the contractor for any damage caused by rains, lightening wind, storm, floods, earthquakes or other natural calamity during execution of work. He will make good all such damages at his own cost and no claim on this account will be entertained
65. The contractor shall obtain a valid Labour Licence under the Contract Labour (R & A) Act. 1970 and the Contract Labour (Regulation and Abolition) Central Rules, 1971 well before the commencement of work and retains the validity of licence till its completion.
66. If the contractor is found to violate any security regulation, he shall be liable for any action as decided by DGCA/BCAS /AAI in addition to being subjected to other legal proceedings.
67. The contractor shall submit manufacturer test certificates along with invoice for bitumen, cement, steel, paint wherever applicable as per CPWD / IS / Manufacturer's practice and the AAI reserves the right to get them checked independently.
68. Approval of the Engineer-in-charge shall be taken well in advance for all materials to be used on work by the contractor.

69. DAMAGE TO PERSON AND PROPERTY : -

The Contractor shall indemnify and keep indemnified AAI against all losses and claims for injuries or damage to any person or any property whatsoever, which may arise out of or in consequence of the construction and maintenance of the works by them and against all claims, demands and proceedings of or in relation thereof.

70. Purchase tax / Turnover tax / Octroi / Royalty / CESS / work contract tax or any other tax (except GST) on work or on materials and labour in respect of this contract shall be payable by the

contractor and Airports Authority of India will not entertain any claim whatsoever in this respect.

71. FIELD LABORATORY AND LIST OF PLANTS & EQUIPMENTS

- 72.1 The contractor at his own cost shall set up a fully furnished and adequately equipped field laboratory and arrange necessary laboratory apparatus/equipment as required for various routine tests to be conducted as per specification for the items of work within 30 days from Scheduled date of start along with Installing and calibration of plants (at approved location by Engineer-in-charge) for execution of contract items, design mix & job mix for formula as per contract items including trial mix approvals. , completion of initial level and final profile within 60 days from the schedule date of start of work or as per the work requirement 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.

Contractor shall arrange necessary steel tapes, levelling instrument and total station as per requirement at site of work.

Nothing extra shall be payable to contractor on this account.

- 71.2 In additional to tools, equipment, apparatus and instruments as described above, 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.
- 71.3 The Engineer-in-Charge may at his discretion, check the test results obtained at contractors laboratory by independent tests at an approved laboratory. The cost of such material, transport, cost of testing etc. shall be borne by the contractor.

72.5. Restriction of working Hours: -

The number of hours working in the area might be restricted due to operational reasons and the contractor shall not have any claim for extra payment on this account. The work shall be carried out in operational area of the Airport. For entry inside operational area, the contractor shall obtain necessary Airport Entry Pass (AEP) for the workmen and machinery i/c vehicles from the regulatory authority. Any fees for AEP shall be borne by the contractor. In this regard the contractor and the workmen employed by the contractor for the work shall strictly adhere to the instructions issued by the BCAS (Bureau of Civil Aviation Society) and the Airport Security Wing. They have to obtain necessary security clearance from BCAS, if the work is awarded to them.

72.6 Guidelines for admission to site & comply to mandatory security guidelines issued by BCAS:

The number of hours working in the area might be restricted due to operational reasons and the contractor will not have any claim for extra payment on this account. The work shall be carried out in operational and non-operational area of this Airport. For entry inside operational area, the contractor shall obtain necessary Airport Entry Pass (AEP) for the workmen from the competent

authority. Any fees for AEP shall be borne by the contractor. In this regard the contractor and the workmen employed by the contractor for the work shall strictly adhere to the instructions issued by the BCAS (Bureau of Civil Aviation Security) and the Airport Security Wing. Successful bidder has to obtain necessary security clearance from BCAS.

In this regard, the following directions issued by BCAS shall strictly adhered to by successful bidder.

1. The Contractor has to apply for passes on Company's letter head, as per standard formats, and is required to be completed the procedure within 15 days after the award of work.

The Contractor is required to submit the following documents for obtaining passes.

- a) Copy of Work Order
- b) Working Methodology
- c) Equipment Details
- d) Pre Availability Details (for/at worksite)
- e) Manpower Details
- f) Works Site Photos
- g) Documents of verification i.e. Aadhar, Voter identity card, etc.
- h) Any other documents as sought by BCAS

2. **The Temporary Aerodrome Entry Permit (TAEP) initially for a period of 30 days will be issued by Airport Director, Airports Authority of India (AAI)/respective Airport Operators, with whom the entity entered into written agreement, following the due procedures, to commence business inside the Airport.**
3. **Immediately thereafter, formalities to comply with the instructions of BCAS i.e. obtaining Provisional Security Clearance/ Security Clearance through E' sahaj Portal and submission of Security Programme, are to be strictly adhered to. Necessary assistance /guidelines, if required may be obtained from the Airport Operator /BCAS in this regard. The above are mandatory requirements for continuing business in the Airport premises.**
4. **The entities who have already obtained Security Clearance for their operations in other region(s), should intimate RO, BCAS, Puducherry accordingly duly enclosing**
 - (i) **Intimation Letter regarding establishing their business in Puducherry Airport,**
 - (ii) **Security Clearance issued by BCAS, HQ,**
 - (iii) **Provisional Security Clearance(s) issued by the RO, BCAS, of other Region(s),**
 - (iv) **Written Contract Agreement by the Airport Director, Puducherry.**
 - (v) **Authorized Signatory for Puducherry Airport and**
 - (vi) **Security Programme for Puducherry Airport.**
5. The Contractor is also required to submit the valid antecedents of all the persons for whom the Airport Entry Permit is being sought.
6. The Contractor is required to take the BCAS permit/documents and also to register the Company for Security Clearance (To be done within 30 days)

7. Contractor shall be responsible for the police and antecedent verification of the labour employed by him in the operational area and shall indemnify the Department of any security problems arising thereof.
 8. Any other rules imposed by the regulatory authority from time to time due to security reason will be applicable to the contractor.
 9. **Failure to comply with any of the above instructions will entail suspension or withdrawal of TAEP/AEP issued.**
 10. **The above points are not exhaustive and the updation /addition / omission if any will be appraised from time to time".**
72. The contractor shall not be entitled for any payment whatsoever on account of above Special Conditions of Contract.
73. The contractor shall submit the Works Diary on day to day basis in the given format at APPEDIX-XXI failing which a recovery Rs.500/- shall be made on per day basis in case of non-submission of Works Diary.

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS

1. 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.

- 1.1 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 costs of materials, equipment's duties, taxes, royalties etc.
- 1.2 The classification of various items of work for purpose of measurements and payments shall be as per bills of quantities (BOQ). Except where distinguished by the BOQ, the rates apply to all heights, depths, sizes, shapes and locations. They also cater for all cuts and wastages.
- 1.3 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 inter-relations between various parts of works/trades. No claim shall be entertained on basis of compartment interpretations.

2. OBLIGATIONS OF THE CONTRACTOR

- 2.1 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 AAI in addition to such other obligations and responsibilities as have been specified elsewhere in this Contract.
 - i) Provision of adequate number of constructional Plant and machinery for mechanized system of construction, handling and transportation;
 - ii) Fulfill all the Contractor's labour regulations 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;
- 2.2 All fossils, gold, silver, oil and other minerals, precious stones, coins, article of value, of antiquity and structures and other remains/ things of geological or archaeological interest discovered on the site of the works shall be notified by the Contractor immediately to the Engineer-in-Charge for onward information to the concerned authorities.
- 2.3 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-Charge.
- 2.4 Clearance of the site of all rubbish, debris, materials, temporary structures, plant and machinery, scaffoldings and filling of all pits, excavation and hand over the site in a tidy and clean condition after completion of the work.
- 2.5 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.

3. GENERAL

- 3.1 The works will be executed as indicated in the nomenclature of each item and technical specifications as given hereunder as made applicable to this contract.

In the absence of any definite provision in the technical specifications contained herein, reference may be made to the latest CPWD, MORTH, IRC, ICAO Specifications and IS codes, 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.

- 3.2 In addition, the abbreviations CPWD, IRC, MORTH, IS, BS, ICAO ASTM, AASHTO shall be considered to have the following meaning: -

CPWD :	Central Public Works Department
IRC :	Indian Road Congress
MORTH :	Ministry of Road Transport and Highways, 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.

All the codes of practice, standards and specifications applicable shall be the latest editions with up to date correction slips etc. or as directed by the Engineer-in-Charge.

4. 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 (Grid of 3M x 3M) shall submit the proposed finished levels and profile along with anticipated quantity of item(s) as per ICAO / DGCA CAR to Engineer-in-Charge for his approval within 60 days from Scheduled Date of Start of work. 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.

5. SAMPLING AND TESTING

The Contractor or his accredited representative shall be present during sampling/ testing and signify his concurrence for sampling/ testing carried out by signing the test records. The Contractor shall be liable of all actions consequent to the test and their results as if he himself attended to the tests. The Contractor is duly advised to be present himself for sampling and testing or in the alternative, have fully qualified duly authorized Engineer for this purpose.

6. GENERAL LIST OF CODES, STANDARDS AND SPECIFICATIONS ADOPTED IN THE TENDER DOCUMENTS.

- 6.1 The following IRC standards and IS, ASTM, British Standards, Codes and CPWD Specifications have generally been adopted in the tender documents. This list however does not limit the use of any other relevant code or standards by the Engineer-in-Charge solely at his discretion 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 the latest edition with all correction slips, etc, or as directed by the Engineer-in-Charge.

NUMBER / DESIGNATION	TITLE
IRC SPECIFICATION	
IRC:10	Recommended Practice for Borrow pits for Road Embankment Constructed by Manual Operation.
IRC:19	Standard Specification and Code Practice for Water Bound Macadam (Second Revision)
IRC:SP 11	Hand Book of Quality Control for Construction of Roads and Runways (First Revision)
INDIAN STANDARDS	
IS: 838	Coarse and fine aggregates from natural sources for concrete.
IS:456	Code of practice for plain and reinforced concrete.
IS:460 (Part I to III)	Testing Sieves
IS:516	Methods of test for strength of concrete.
IS:1124	Method of test for water absorption, apparent specific gravity and porosity of Natural Building Stone.
IS:1199	Methods of sampling and analysis of concrete.
IS:2386	Methods of test for aggregate for concrete: -
(Part-I)	Particle size and shape
(Part-II)	Estimation of deleterious materials and organic impurities.
(Part-III)	Specific gravity, density, voids, absorption and bulking.
(Part-IV)	Mechanical Properties
(Part-V)	Soundness
(Part-VI)	Measuring mortar making properties of fine aggregates.
(Part-VII)	Alkali-Aggregate reactivity.
(Part-VIII)	Petrography Examination
IS: 2720	Methods of tests for soils:
(Part-II)	Determination of water content
(Part-III) (Section-I)	Determination of specific gravity, section I fine grained soils.
(Part-III) (Section-II)	Determination of specific gravity, fine medium and coarse-grained
Part-IV	Grain size analysis
Part-V	Determination of liquid and plastic limit.

Part-VII	Determination of water content dry density relation using light compaction.
Part-VIII	Determination of water content dry density relation using heavy compaction.
Part XVI	Laboratory determination of CBR.
NUMBER / DESIGNATION	TITLE
Part XXVII	Determination of total soluble sulphate.
Part XXVIII	Determination of dry density of soils in place, by the sand replacement method.
Part XXIX	Determination of dry density of soils in place by core cutter method.
IS:5640	Method of determining the aggregate impact value of soft coarse aggregate.
IS:6241	Method of test for determination of stripping value of road
IS:8112	43 grade Ordinary Portland Cement.
BS:5212, Part-I, 990	Two parts polysulphide based sealants.
ASTM/BS STANDARDS/SPECIFICATIONS	
ASTM:D-1559	Test for resistance to plastic flow of bituminous mixtures using Marshall apparatus.
ASTM:D-2172	Extraction quantitative, of bitumen from bituminous paving mixtures.
ASTM: E-11-39	Sieves for testing purpose "Wire Cloth sieve round hole and square" hole plate screen of Sieves.
BS: 410	Test Sieves.
MORTH Specification	"Specifications for Road and Bridge Works" fourth revision reprinted in September, 2004. Issued by Ministry of Surface Transport (Roads Wing) and published by Indian Roads Congress.
ICAO's Annex 14	Annexure 14 of the convention on International Civil Aviation.

Item no 03:

Construction of Subgrade with Moorum/gravel soil brought out from approved quarry outside the airport premises. The complete operation will include spreading the Moorum with dozer, dressing, levelling, providing camber, grading with motor grader and consolidating with vibratory roller 8-10 tonne capacity in layers not exceeding 20cm in depth to achieve 95% of the field density including making good the undulation etc. to meet requirement of table 300-2 of MoRTH Specifications, Technical Specifications and drawings complete and directions of Engineer-in-Charge. The embankment constructions should satisfy minimum CBR value of 15 to 20 as per design requirement. (Cost includes all leads, taxes, royalty, operations and obtaining field density from the approved lab or Govt. Engineering College)

3.1 General**3.1.1 Description**

These Specifications shall apply to the construction of embankments including sub-grades, and miscellaneous backfills with approved material obtained from approved source, borrow pits or other sources. All embankments sub-grades and miscellaneous backfills shall be constructed in accordance with the requirements of these Specifications and in conformity with the lines, grades, and cross-sections shown on the drawings or as directed by the Engineer.

3.2 Materials and General Requirements**3.2.1 Physical Requirements**

3.2.1.1 The materials used in embankments, subgrades and miscellaneous backfills shall be soil, moorum, gravel or any other material as approved by the Engineer. Such materials shall be free of logs, stumps, roots, rubbish or any other ingredient likely to deteriorate or affect the stability of the embankment.

The following types of material shall be considered unsuitable for embankment:

- a) Materials from swamps, marshes and bogs;
- b) Peat, log, stump and perishable material; any soil that classifies as OL, 01, OH or Pt in accordance with IS:1498;
- c) Materials susceptible to spontaneous combustion;
- d) Materials in a frozen condition;
- e) Clay having liquid limit exceeding 50 and plasticity index exceeding 25
- f) Materials with salts resulting in leaching in the embankment.

3.2.1.2 Expansive clay exhibiting marked swell and shrinkage properties ("free swelling index". exceeding 50 percent when tested as per IS:2720 - Part 40) shall not be used as a fill material. Where an expansive clay having "free swelling index" value less than 50 percent is used as a fill material, subgrade and top 500 mm portion of the embankment just below sub- grade shall be non-expansive in nature.

3.2.1.3 Any fill material with a soluble sulphate content exceeding 1.9 grams of sulphate (expressed as S03) per litre when tested in accordance with BS:1377, Part 3, but using a 2:1 water-soil ratio shall not be deposited within 500 mm distance (or any other distance described in the Contract), of permanent works constructed out of concrete, cement bound materials or other cemenlitious material. Materials with a total sulphate content (expressed as S03) exceeding 0.5 percent by mass, when tested in accordance with BS:1377, Part 3 shall not be deposited within 500 mm, or other distances described

in the Contract, of metallic items forming part of the Permanent Works.

3.2.1.4 The size of the coarse material in the mixture of earth shall ordinarily not exceed 75 mm when placed in the embankment and 50 mm when placed in the sub-grade. However, the Engineer may at his discretion permit the use of material coarser than this also if he is satisfied that the same will not present any difficulty as regards the placement of fill material and its compaction to the requirements of these Specifications. The maximum particle size in such cases, however, shall not be more than two-thirds of the compacted layer thickness.

3.2.1.5 Ordinarily, only the materials satisfying the density requirements given in Table 1 shall be employed for the construction of the embankment and the sub-grade.

Table 1 : Density Requirements of Embankment and Sub-grade Materials

Sr. No.	Type of Work	Maximum laboratory dry unit weight when tested as per 15:2720 (Part 8)
1)	Embankments up to 3 m height, not subjected to extensive flooding	Not Less than 15.2 KN/cum
2)	Embankments exceeding 3 m height or embankments of any height subject to long periods of inundation	Not less than 16 kN/ cum
3)	Subgrade and earthen shoulders/ verges/ backfill	Not less than 17.5 kN/cum

Note : 1) This Table is not applicable for lightweight fill material, e.g., cinder, fly ash, etc.

- 2) The material to be used in subgrade shall be non-expansive and shall satisfy design CBR at the specified dry density and moisture content. In case the available materials fail to meet the requirement of CBR, use of stabilization methods or by any stabilization method approved by the EIC shall be followed. Nothing extra shall be payable to contractor for use of stabilization method.
- 3) The material to be used in subgrade shall conform to the design CBR value at the specified dry density and moisture content of the test specimen. In case the available material fails to meet the requirement of CBR, use of stabilization method or any stabilization method approved by the EIC shall be followed. Nothing extra shall be payable to contractor for use of stabilization method.

3.2.1.6 The material to be used in high embankment construction shall satisfy the specified requirements of strength parameters.

3.2.2 General Requirements

3.2.2.1.1 The materials for embankment shall be obtained from approved sources. The work shall be so planned and executed that the best available materials are saved for the subgrade and the embankment portion just below the subgrade.

3.2.2.1.2 Borrow Materials The arrangement for the source of supply of the material for embankment and sub-grade and compliance with the guidelines, and environmental requirements, in respect of excavation and borrow areas as stipulated, from time to time by the Ministry of Environment and Forests, Government of India and the local bodies, as applicable shall be the sole responsibility of the Contractor.

Haulage of material to embankments or other areas of fill shall proceed only when sufficient spreading and compaction plant is operating at the place of deposition.

Where the excavation reveals a combination of acceptable and unacceptable materials, the Contractor shall, unless otherwise agreed by the Engineer-in-Charge, carry out the excavation in such a manner that the acceptable materials are excavated separately for use in the permanent works without contamination by the unacceptable materials. The acceptable materials shall be stockpiled separately.

The Contractor shall ensure that he does not adversely affect the stability of excavation or fills by the methods of stockpiling materials, use of plants or siting of temporary buildings or structures.

3.2.2.2 Compaction Requirements

The Contractor shall obtain representative samples from each of the identified borrow areas and have these tested at the site laboratory following a testing programme approved by the Engineer. It shall be ensured that the subgrade material when compacted to the density requirements as in Table 2 shall yield the specified design CBR value of the sub-grade.

Table 2 : Compaction Requirements for Embankment and Sub-grade

S.No	Type of Work/ Material	Field Density at OMC as per percentage of maximum modified proctor density
1)	Subgrade and earthen Shoulders (Verge)	Not less than 95%
2)	Embankment	Not less than 95%

The Contractor shall at least 7 working days before commencement of compaction submit the following to the Engineer for approval:

i) The values of maximum dry density and optimum moisture content obtained in accordance with IS:2720 (Part 8), appropriate for each of the fill materials he intends to use. ii) A graph of dry density plotted against moisture content from which each of the values in (i) above of maximum dry density and optimum moisture content were determined.

The maximum dry density and optimum moisture content approved by the Engineer-in-Charge shall form the basis for compaction.

3.3 Construction Operations

3.3.1 Setting Out

The limits of embankment sub-grade shall be marked by fixing batter pegs on both sides at regular intervals as guides before commencing the earthwork. The embankment sub-grade shall be built sufficiently wider than the design dimension so that surplus material may be trimmed, ensuring that the remaining material is to the desired density and in position specified and conforms to the specified side slopes.

Before the earth work is started, the area shall be cleared of shrubs, rank vegetation, grass, brushwood, trees and saplings of girth up to 30cm measured at a height of one metre above ground level and rubbish removed up to a distance of 50 metres outside the periphery of the area under clearance. The roots of trees and saplings shall be removed to a depth of 60cm below ground level or 30 cm below formation level or 15 cm below sub grade level, whichever is lower, and the holes or hollows filled up with the earth, rammed and leveled.

The trees of girth above 30 cm measured at a height of one metre above ground shall be cut only after permission of the Engineer-in-Charge is obtained in writing.

All materials arising from clearing and grubbing operations shall be the property of AAI and shall be disposed of by the Contractor as hereinafter provided or directed by the Engineer-in-charge.

All products of clearing and grubbing, which, in the opinion of the Engineer-in-charge, cannot be used, shall be disposed of by contractor as directed with all lifts and leads. The contractor will find disposal grounds and take the necessary permissions from the concerned authorities for the disposal grounds.

No extra payment shall be made for the disposal of materials as above and shall be considered as incidental to the items of excavation and embankment.

Existing structures and services such as old buildings, culverts, fencing, water supply pipe lines, sewers, power cables, communication cables, drainage pipes etc. within or adjacent to the area if required to be diverted/removed, shall be diverted/dismantled as per directions of the Engineer-in-Charge and payment for such diversion/dismantling works shall be made separately.

Trees, shrubs, any other plants, pole lines, fences, signs, monuments, buildings, pipelines, sewers and other facilities within or adjacent to the plot which are not to be disturbed shall be protected from injury or damage, The contractor shall provide and install at his own expense, suitable safeguards approved by the Engineer-in-charge for this purpose.

During clearing and grubbing, the Contractor shall take all adequate precautions against soil erosion, water pollution, etc.

3.3.2 Dewatering

If the foundation of the embankment is in an area with stagnant water, and in the opinion of the Engineer it is feasible to remove it, the same shall be removed by bailing out or pumping, as directed by the Engineer and the area of the embankment foundation shall be kept dry. Care shall be taken to discharge the drained water so as not to cause damage to the works, crops or any other property. Due to any negligence on the part of the Contractor, if any such damage is caused, it shall be the sole responsibility of the Contractor to repair/restore it to original condition or compensate for the damage at his own cost. Cost of dewatering shall be borne by contractor and nothing extra shall be payable.

3.3.3 Stripping and Storing Topsoil

When so directed by the Engineer, the topsoil from all areas of cutting and from all areas to be covered by embankment foundation shall be stripped to specified depths not exceeding 150 mm and stored in stockpiles of height not exceeding 2 m for covering embankment slopes, cut slopes and other disturbed areas where re-vegetation is desired. Topsoil shall not be unnecessarily subjected to traffic either before stripping or when in a stockpile. Stockpiles shall not be surcharged or otherwise loaded and multiple handling shall be kept to a minimum.

3.3.4 Compacting Ground Supporting Embankment/Sub-Grade

Where necessary, the original ground shall be levelled to facilitate placement of first layer of embankment, scarified, mixed with water and then compacted by rolling in accordance with Clauses 1.3.5 and 1.3.6 so as to achieve minimum dry density as given in Table 2.

In case where the difference between the sub-grade level (top of the sub-grade on which pavement rests) and ground level is less than 0.5 m and the ground does not have 98 percent relative compaction with respect to the dry density (as given in Table 2), the ground shall be loosened upto a level 0.5 m below the sub-grade level, watered and compacted in layers in accordance with Clauses 1.3.5 and 1.3.6 to achieve dry density not less than 98 percent relative compaction as given in Table 2.

Where so directed by the Engineer, any unsuitable material occurring in the embankment foundation (500 mm portion just below the sub-grade) shall be removed, suitably disposed and replaced by approved materials laid in layers to the required degree of compaction.

Any foundation treatment specified for embankments especially high embankments, resting on suspect foundations as revealed by borehole logs shall be carried out in a manner and to the depth as desired by the Engineer. Where the ground on which an embankment is to be built has any of such material types (a) to (f) in Clause 1.2.1.1 at least 500 mm of such material must be removed and replaced by acceptable fill material before embankment construction commences.

3.3.5 Spreading Material in Layers and Bringing to Appropriate Moisture Content

3.3.5.1 The embankment and sub-grade material shall be spread in layers of uniform thickness in the entire width with a motor grader. The compacted thickness of each layer shall not be more than 250 mm when vibratory roller/vibratory soil compactor is used and not more than 200 mm when 80-100 kN static roller is used.

The motor grader blade shall have hydraulic control suitable for initial adjustment and maintain the same so as to achieve the specific slope and grade. Successive layers shall not be placed until the layer under construction has been thoroughly compacted to the specified requirements as in Table 2 and got approved by the Engineer. Each compacted layer shall be finished parallel to the final cross-section of the embankment.

3.3.5.2 Moisture content of the material shall be checked at the site of placement prior to commencement of compaction; if found to be out of agreed limits, the same shall be made good. Where water is required to be added in such constructions, water shall be sprinkled from a water tanker fitted with sprinkler capable of applying water uniformly with a controllable rate of flow to variable widths of surface but without any flooding. The water shall be added uniformly and thoroughly mixed in soil by blading, using disc harrow until a uniform moisture content is obtained throughout the depth of the layer. If the material delivered to the bed is too wet, it shall be dried, by aeration and exposure to

the sun, till the moisture content is acceptable for compaction. Should circumstances arise, where owing to wet weather, the moisture content cannot be reduced to the required amount by the above procedure, compaction work shall be suspended.

Moisture content of each layer of soil shall be checked in accordance with IS:2720 (Part 2), and unless otherwise mentioned, shall be so adjusted, making due allowance for evaporation losses, that at the time of compaction it is in the range of 1 percent above to 2 percent below the optimum moisture content determined in accordance with IS:2720 (Part 8) as the case may be. After adding the required amount of water, the soil shall be processed by means of graders, harrows, rotary mixers or as otherwise approved by the Engineer until the layer is uniformly wet.

Clods or hard lumps of earth shall be broken to have a maximum size of 75 mm when being placed in the embankment and a maximum size of 50 mm when being placed in the subgrade.

3.3.5.3 Embankment and other areas of fill shall, unless otherwise required in the Contract or permitted by the Engineer, be constructed evenly over their full width and their fullest possible extent and the Contractor shall control and direct construction plant and other construction vehicles. Damage by construction plant and other vehicular traffic shall be made good by the Contractor with material having the same characteristics and strength of the material before it was damaged.

Embankments and unsupported fills shall not be constructed with steeper side slopes or to greater widths than those shown in the drawings, except to permit adequate compaction at the edges before trimming back, or to obtain the final profile following any settlement of the fill and the underlying material.

Whenever fill is to be deposited against the face of a natural slope, or sloping earthworks face including embankments, cuttings, other fills and excavations steeper than 1 vertical to 4 horizontal, such faces shall be benched as per Clause 1.4.1 immediately before placing the subsequent fill.

All permanent faces of side slopes of embankments and other areas of fill shall, subsequent to any trimming operations, be reworked and sealed to the satisfaction of the Engineer by tracking a tracked vehicle, considered suitable by the Engineer, on the slope or any other method approved by the Engineer.

3.3.6 Compaction

Only the compaction equipment approved by the Engineer shall be employed to compact the different material types encountered during construction. Static three-wheeled roller, self propelled single drum vibratory roller, tandem vibratory roller, pneumatic tyre roller, pad foot roller, etc., of suitable size and capacity as approved by the Engineer shall be used for the different types and grades of materials required to be compacted either individually or in suitable combinations.

The compaction shall be done with the help of self-propelled single drum vibratory roller or pad foot vibratory roller of 80 to 100 KN static weight or heavy pneumatic tyre roller of adequate capacity capable of achieving the required compaction. The Contractor shall demonstrate the efficacy of the equipment he intends to use by carrying out compaction trials. The procedure to be adopted for the site trials shall be submitted to the Engineer for approval.

Earthmoving plant shall not be accepted as compaction equipment nor shall the use of a lighter category of plant to provide any preliminary compaction to assist the use of heavier plant be taken

into account.

Each layer of the material shall be thoroughly compacted to the densities specified in Table 2. Subsequent layers shall be placed only after the finished layer has been tested according to Clause 1.6.5.2 and accepted by the Engineer-in-Charge. The Engineer-in-Charge may permit measurement of field dry density by a nuclear moisture/density gauge used in accordance with agreed procedure and provided the gauge is calibrated to give results identical to that obtained from tests in accordance with IS:2720 (Part 28). A record of the same shall be maintained by the Contractor.

When density measurements reveal any soft areas in the embankment/sub-grade/earthen shoulders, further compaction shall be carried out as directed by the Engineer. If in spite of that the specified compaction is not achieved, the material in the soft areas shall be removed and replaced by approved material, compacted using appropriate mechanical means such as light weight vibratory roller, double drum walk behind roller, vibratory plate compactor, trench compactor or vibratory tamper to the density requirements and satisfaction of the Engineer-in- Charge.

3.3.7 Drainage

The surface of the embankment/sub-grade at all times during construction shall be maintained at such a crossfall (not flatter than that required for effective drainage of an earthen surface) as will shed water and prevent ponding.

3.3.8 Repairing of Damages Caused by Rain/Spillage of Water

The soil in the affected portion shall be removed in such areas as directed by the Engineer-in- Charge before next layer is laid and refilled in layers and compacted using appropriate mechanical means such as small vibratory roller, plate compactor or power rammer to achieve the required density in accordance with Clause 1.3.6. If the cut is not sufficiently wide for use of required mechanical means for compaction, the same shall be widened suitably to permit their use for proper compaction. Tests shall be carried out as directed by the Engineer-in-Charge to ascertain the density requirements of the repaired area. The work of repairing the damages including widening of the cut, if any, shall be carried out by the Contractor at his own cost, including the arranging of machinery/equipment for the purpose.

3.3.9 Finishing Operations Finishing operations shall include the work of shaping and dressing the shoulders/verge/ roadbed and side slopes to conform to the alignment, levels, cross-sections and dimensions shown on the drawings or as directed by the Engineer subject to the surface tolerance described in Clause 1.6.1 to 1.6.4. Both the upper and lower ends of the side slopes shall be rounded off to improve appearance and to merge the embankment with the adjacent terrain.

3.4 The topsoil, removed and conserved earlier (Clauses 1.3.3) shall be spread over the fill slopes as per directions of the Engineer to facilitate the growth of vegetation. Slopes shall be roughened and moistened slightly prior to the application of the topsoil in order to provide satisfactory bond. The depth of the topsoil shall be sufficient to sustain plant growth, the usual thickness being from 75 mm to 150 mm.

3.5 Where directed, the slopes shall be turfed with sods in accordance with direction of Engineer-in-

Charge. If seeding and mulching of slopes is prescribed, this shall be done to the requirements as per direction of Engineer-in-Charge.

When earthwork operations have been substantially completed, the area shall be cleared of all debris, and ugly scars in the construction area responsible for objectionable appearance eliminated.

3.6 Surface Finish and Quality Control of Work

3.6.1 Surface Finish : General

All works performed shall conform to the lines, grades, cross sections and dimensions shown on the drawings or as directed by the Engineer, subject to the permitted tolerances described herein-after.

3.6.2 Horizontal Alignment, level and surface regularity

Horizontal alignment shall be reckoned as shown on the drawings. The edges of the carriageway as constructed shall be correct within a tolerance of + 10 mm therefrom.

3.6.3 Longitudinal Profile

The levels of the subgrade and different pavement courses as constructed, shall not vary from those calculated with reference to the longitudinal and cross-profile shown on the drawing or as directed by the Engineering In Charge beyond the tolerances mentioned below

Subgrade (Longitudinal Profile)	$\pm 24\text{mm}$
(Cross Profile)	$\pm 15\text{mm}$
Granular Sub-base (Longitudinal Profile)	$\pm 15\text{mm}$
(Cross Profile)	$\pm 12\text{mm}$

For checking compliance with the above requirement for subgrade, sub-base and base courses, measurements of the surface levels shall be taken on a grid of points placed at 6.25 m longitudinally and 3.5m transversely. For any 10 consecutive measurements taken longitudinally or transversely, not more than one measurement shall be permitted to exceed the tolerance as above, this one measurement being not in excess of 5mm above the permitted tolerance.

Surface Regularity of surface and pavement course .The surface regularity of completed subgrade and sub-base in the longitudinal and transverse directions shall be within the tolerances indicated in the Table- 3

The longitudinal profile shall be checked with a 3 meter long straight edge, at the middle of each 3 meter longitudinal strip along a line parallel to the centre line of that particular type of construction. The transverse profile shall be checked with a set of camber boards at intervals of 10 meter.

3.6.4 Rectification

Where the surface irregularity of subgrade and the various pavement courses fall outside the

specified tolerance, the contractor shall be liable to rectify these in the manner described below and to the satisfaction of the Engineer In Charge.

Subgrade

Where the surface is high, it shall be trimmed and suitably compacted. Where the same is low, the deficiency shall be corrected by adding fresh material. The degree of compaction and the type of material to be used shall conform to the requirement and subgrade construction.

Table-3

Sl.No	Type of Construction	Longitudinal Profile with 3 metre straight edge.				Cross Profile
		Maximum permission undulation	Maximum number of undulation permitted in any 300 metre length exceeding			Maximum permissible variation from specified profile under template (mm)
			Mm			
			10	12	10	6
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	Earthen sub-grade	24	30	--	--	--
2.	Granular Sub-base	15	--	30	--	--

3.6.5 Tests on Earthwork for Embankment, Subgrade Construction and Cut Formation

3.6.5.1 Borrow Material (Moorum)

Grid the borrow area at 25 m c/c (or closer, if the variability is high) to full depth of proposed working. These pits should be logged and plotted for proper identification of suitable sources of material. The following tests on representative samples shall be carried out for every 3000 cum for each source:

- Sand Content [IS:2720 (Part-4)]: 2 tests per 3000 cu.m of soil.
- Plasticity Test [IS:2720 (Part-5)]: Each type to be tested, 2 tests.
- Density Test [IS:2720 (Part-8)]: Each soil type to be tested, 2 tests.
- Deleterious Content Test [IS:2720 (Part-27)]: As and when required by the Engineer.
- Moisture Content Test [IS:2720 (Part-2)]: Two tests.
- CBR Test on materials to be incorporated in the subgrade on soaked/ unsoaked samples [IS:2720 (Part-16)] : One CBR test (average of three specimens) or closer as and when required by the Engineer.

3.6.5.2 Compaction Control

Control shall be exercised on each layer by taking at least one set of ten measurements of density for each 3000 sq.m of compacted area, or closer as required to yield the minimum number tests results for evaluating a day's work on statistical basis. The determination of density shall be in accordance with IS: 2720 (Part-28). Test locations shall be chosen only through random sampling techniques. If non-destructive tests are carried out, the number of tests shall be doubled. If considerable variations are observed between individual density results, the minimum number of tests in one set of measurement shall be increased. The acceptance criteria shall be subject to the condition that the mean density is not less than the specified density plus:

$$\left[1.65 - \frac{1.65}{(\text{No. of Samples})^{0.5}} \right] \text{ times the standard deviation}$$

However, for earthwork in the subgrade, at least one set of ten density measurements shall be taken for every 2000 sq.m for the compacted area. In other respects, the control shall be similar to that described earlier.

3.7 Sub-grade Strength

3.7.1 It shall be ensured prior to actual execution that the material to be used in the sub-grade satisfies the requirements of design CBR.

3.7.2 Sub-grade shall be compacted and finished to the design strength consistent with other physical requirements. The actual laboratory CBR values of constructed subgrade shall be determined on remoulded samples, compacted to the field density at the field moisture content and tested for soaked/unsoaked condition as specified in the Contract.

3.8 Measurements for Payment

3.8.1 Earth embankment/sub-grade construction shall be measured separately by taking cross sections at 3m intervals after completion of clearing and grubbing and after completion of embankment/sub-grade. The volume of earthwork shall be computed in cubic metres by the method of average end areas.

3.9 Rates

3.9.1 The Contract unit rates for the items of embankment and sub-grade construction shall be payment in full for carrying out the required operations including full compensation for:

- ii) Cost of arrangement. of land as a source of supply of material of required quantity for construction unless provided otherwise in the Contract;
- iii) Setting out as per para 1.3.1;
- iv) Compacting ground supporting embankment/sub-grade except where removal and replacement of suitable material or loosening and recompacting is involved;
- v) Scarifying or cutting continuous horizontal benches 300 mm wide on side slopes of existing embankment and sub-grade as applicable;

- vi) Cost of watering or drying of material in borrow areas and/ or embankment and sub-grade during construction as required;
- vii) Spreading in layers, bringing to appropriate moisture and compacting to Specification requirements;
- viii) Shaping and dressing top and slopes of the embankment and subgrade including rounding of corners;
- ix) Restricted working at sites of structures;
- x) Working on narrow width of embankment and sub-grade;
- xi) Excavation in all soils from borrow pits/designated borrow areas including clearing and grubbing and transporting the material to embankment and sub-grade site with all leads and lifts unless otherwise provided for in the Contract,
- xii) All labour, materials, tools, equipment and incidentals necessary to complete the work to the Specifications;
- xiii) Dewatering; 'and
- xiii) Keeping the embankment/completed formation free of water.
- xiv) Transporting unsuitable excavated material for disposal with all leads and lifts.
- xv) use of stabilization methods or by any stabilization method approved by the Engineer, In case the borrow materials/moorum (To be arranged by contractor) fail to meet the requirement of CBR value 15 to 20.

No deduction shall be made from the rate if in the opinion of the Engineer- in-charge, operations specified in 1.9.1 (iv), (v), (viii), (xii), (xiii) and (xv) are not required to be carried out on any account whatsoever.

***** END OF ITEM NO. 3 *****

Undertaking by the Contractors and Operators in Puducherry Airport

1. CONTRACTOR may please note that AAI Puducherry airport has implemented Environment Management System (EMS)
2. As per procedures in vogue, following actions will be required on the part of the Contractor.
The working area should be kept clean
- a) Adequate number of Waste bins shall have to be placed in working space to collect different type of Scraps and the Wastes.
- b) The Wastes shall be segregated as follows
 - i. Oil soaked cotton wastes
 - ii. Spent oil
 - iii. Asbestos wastes
 - iv. Construction wastes
 - v. Glass wastes
 - vi. Insulation wool waste Metallic wastes
 - vii. Paint drums,
 - viii. Metallic Cans
 - ix. Polythene/plastic waste
 - x. Paper/card board waste
 - xi. Discarded food
 - xii. Other bio degradable wastes
3. The waste shall be stored a location identified by AAI Management. Subsequently the waste shall be disposed of in accordance with waste management plan.
4. The contractor shall conserve power, water, cooking gas to the extent possible
5. Plastic bags of less than 40 micron shall not be used and /or issued by the Contractor in AAI premises
6. Contractors shall obtain the MSDS (material safety data sheet) of all chemicals used by them in AAI campus and study their characteristics and the disposal method. Chemicals which are found to be environmental friendly shall only be used. if any chemical is not environmental friendly, additional precaution for their use and disposal of its contractors etc shall be taken as indicated in MSDS. Copies of MSDS will be submitted by the contractor to the concerned HOD of the AAI dept.
7. If any chemical like oil, grease, paint is used, the contractor will arrange to procure a spill control kit at its own cost for emergency purpose and shall use the same in case of emergency
8. Vehicles used by the contractor for transportation of man, material to and from AAI campus shall have to be PUC (pollution under control) compliant. Copies of the PUC certificate shall have to be handed over to Terminal Manager / concerned HOD
9. If the Contractor arranges food for their workmen they shall have to keep waste bins for the waste generated in the process
10. Failure to comply with the requirement shall attract a Fine / penalty as may be decided by the AAI and the, expenditure by AAI for such housekeeping shall be recovered from their bill.
11. AAI shall educate the CONTRACTOR and his supervisor about other EMS requirements prior to start

of work. CONTRACTOR shall have to ensure the presence of himself and his supervisory staff during such a session. Thereafter, CONTRACTOR will have to ensure the workmen and staff comply the requirement.

12. CONTRACTORS shall identify one supervisor responsible for EMS compliance
13. No additional payment shall be made for EMS compliance
14. An underrating shall be obtained from all the contractors, concessioners, airlines whenever they are authorized to operate in AAI premises compound

Management Representative

UNDERTAKING

We hereby undertake to abide by the conditions situated herein above with respect to our activities in the airport and not to pollute the environment of the airport in any manner & cooperate with the Airports Authority of India, Coimbatore Intl. airport in respective the Environment.

Date :

Authorized Signatory

Name of the Agency

ANNEXURES

ANNEXURE - A**TENDER ACCEPTANCE LETTER**

(TO BE UPLOADED IN ENVELOPE - I
DULY SIGNED ON CONTRACTORS'S LETTER HEAD)

To

Date:

**The Sr. Manager (Engg-Civil)
Airports Authority of India,
Puducherry Airport,
Puducherry – 605 008.**

Sub: Acceptance of Terms & Conditions of Tender.

(Tender ID No. 2026_AAI_282547_1)

Name of Work: Construction of Fire Pit at Runway 25 south side at Puducherry 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/eprocure/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 totality / entirety for 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.

Date:.....

Yours Faithfully
(Signature of the Tender with Rubber Stamp)

Annexure - B**Undertaking Regarding Blacklisting/Debarment****(To be submitted on Letter Head of Company)****(To be uploaded in Envelope -I)****Name of work: “Construction of Fire Pit at Runway 25 south side at Puducherry Airport”****Tender Id: 2026_AAI_282547_1**

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

- i. Our firm 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)

UNDERTAKING FOR DEPLOYMENT OF TOOLS & PLANTS
(To be submitted on Letter Head of Company)
(To be uploaded in Envelope I)

Name of work: “Construction of Fire Pit at Runway 25 south side at Puducherry Airport”

Tender Id: 2026_AAI_282547_1

Name of Contractor / Firm:.....

I / we have applied for issue of tender for the work of

I / we have gone through the tender documents and drawings in its entirety, visited the site and have understood the nature of work to be executed.

I / we will deploy adequate T&P in working condition with adequate standby arrangement for efficient / timely execution of the work.

I / we have submitted the details of T&P owned by us and undertake to procure or take on lease the balance T&P for the work as per requirement of the work matching with the work programme.

I / we will abide by any instructions by AAI for such procurement / arrangement of T&P on lease as is considered necessary for efficient / timely execution of work.

Signature of Contractor:

DATE:

WITNESS:

ANNEXURE- D

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

(Scanned copy to be submitted by Bidder in Cover-I on letter head of Company/Firm)

Name of Work: Construction of Fire Pit at Runway 25 south side at Puducherry Airport.

Tender ID: 2026_AAI_282547_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 fulfills 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-E

Request Letter : Transmission of Bank Guarantee Cover Message to be submitted by
applicant to BG issuing banks

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 AAIRHQ SR in field 7037 of the SFMS cover messages IFN 760 COV (for BG issuance) and IFN 767 COV (for BG amendment) while transmitting the same to the beneficiary bank (ICICI Bank – IFSC- ICIC0000007).

Thanking You,

(Vendor /Customer/Concessionaire)

FORM-A

Name of Work: Construction of Fire Pit at Runway 25 south side at Puducherry Airport

DETAILS OF SIMILAR WORKS SUCCESSFULLY COMPLETED OR SUBSTANTIALLY COMPLETED DURING THE LAST SEVEN YEARS ENDING ON 31.12.2025

Sl. No.	Details of Works	W-1	W-2	W-3
1	Name of work/project and Location			
2	Name and Address of client			
3	Awarded Cost of work (in Rs.Lakhs)			
4	Date of commencement as per contract			
5	Stipulated date of completion			
6	Actual date of completion			
7	Completion Cost/Actual work done			
8	Whether the work was done on back To back basis Yes/No			

Signature of Chartered Accountant with Seal

**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.

FORM - B
FINANCIAL INFORMATION

Name of the firm/Contractor.....

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)		
		FY 2022-23	FY 2023-24	FY 2024-25
1.	Turn-Over on Construction Works			
2.	Profit/loss after Taxes (standalone)			

2. Financial arrangement for carrying out the proposed work

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

Signature of Chartered Accountant with Seal

SIGNATURE (S) OF BIDDER (S)

Note: The Bidder should give strictly in the above format

FORM - C

CERTIFICATE OF NET WORTH FROM CHARTERED ACCOUNTANT

“It is to certify that as per the 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 the Net Worth of the company has not eroded by more than 30% in the last three years ending on 31st March.....(the relevant year).”

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

Signature of Chartered Accountant

.....

Name of Chartered Accountant

.....

Membership No. of ICAI

.....

Date and Seal

Signature (S) of Bidder (S)

*The relevant year shall be the financial year ending 31st March preceding the calendar year of bid submission or 31st March of the financial year preceding the previous financial year, if the balance sheet of the previous financial year has not been audited.

LIST OF PREFERRED MAKES (CIVIL)

Annexure-'A'

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.

S. No.	Item Name	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

S. No.	Item Name	Brands / makes / Manufacturers	
		Industries Limited / Maithan Steel & Power Limited / Shree Nakoda Ispat Limited	
3.	STRUCTURAL STEEL-MS TUBULAR SECTIONS (CIRCULAR, SQUARE, RECTANGULAR) 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 Metalics & 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. / 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./ New Age FalseCeiling Pvt. Ltd.	
7.	GALVALUME/ STEEL SHEET ROOFING (TOP & BOTTOM) OVER MS TRUCTURE	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	

S. No.	Item Name	Brands / makes / Manufacturers
		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 / GLASS MIRROR	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. / Atul 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)	ECOBOARD (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. / Technonicol India Pvt. Ltd. / Saint-Gobain India Pvt. Ltd. / Ferrous Crete(India) Pvt. Ltd. / Fair Mate Chemicals Pvt. Ltd. / Berger Paints India Ltd. / Yahska Polymers Pvt Ltd / Hindcon Chemicals Ltd / Buildtech Products India Private Limited / Kryton Buildmat Co. Pvt. Ltd. / Kunal Conchem Pvt Ltd / Bostik India Private Limited / M.K Petro Products India Private Limited / Prism Johnson Limited / Boxer Construction Chemicals / Ado Additives Technologies Limited / Sunanda Speciality Coatings Pvt Ltd / Tikitar Danosa(India) Pvt Ltd
16.	BIPOLAR CORROSION INHIBITOR ADMIXTURE	STP Ltd. / Sika India Pvt. Ltd. / BASF India Ltd. / Chryso India Pvt. Ltd. / Supreme Bituchem India Pvt. Ltd. / Sunanda Speciality Coatings Pvt Ltd / Conchem Labs LLP / Fosroc Chemicals (India) Private Limited
17.	REINFORCEMENT COUPLER	Dextra / G-Tech / HI-Tech Engineering Solutions / Sanfeild (India) Ltd. / Tata Steel Limited

S. No.	Item Name	Brands / makes / Manufacturers
18.	HARDWARE FITTING	Dormakaba India Pvt. Ltd. / Q-Railing India Pvt. Ltd. (Formely D-Line) / Hafele India Pvt. Ltd. / GEZE GmbH / Linx 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/ COMPACT LAMINATE TOILET CUBICAL/ URINAL PARTITIONS	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. / Bobrick Washroom Equipment Inc. / Dormakaba India Pvt. Ltd. / Trespa / T-Line(Inner Space) / Samrat Plywood Limited / Jain Doors Pvt Ltd / Jain Wood Industries / Arjnwoodmart Private Limited / Virgo Laminates Ltd
21.	FASTENERS/ANCHOR FASTENERS	Hilti(Hilti (India) Pvt. Ltd.) / Fischer / BOSCH / Fasteners India / Mungo / Rawl Plug / Konzept Steel Private Limited / Axel India / AFT (Anchorite Fixing Technology)
22.	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.
23.	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. / Hygie Profile India Pvt Ltd / Sunanda Speciality Coatings Pvt Ltd
24.	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. / Ultratech Cement Ltd / Kerakoll India

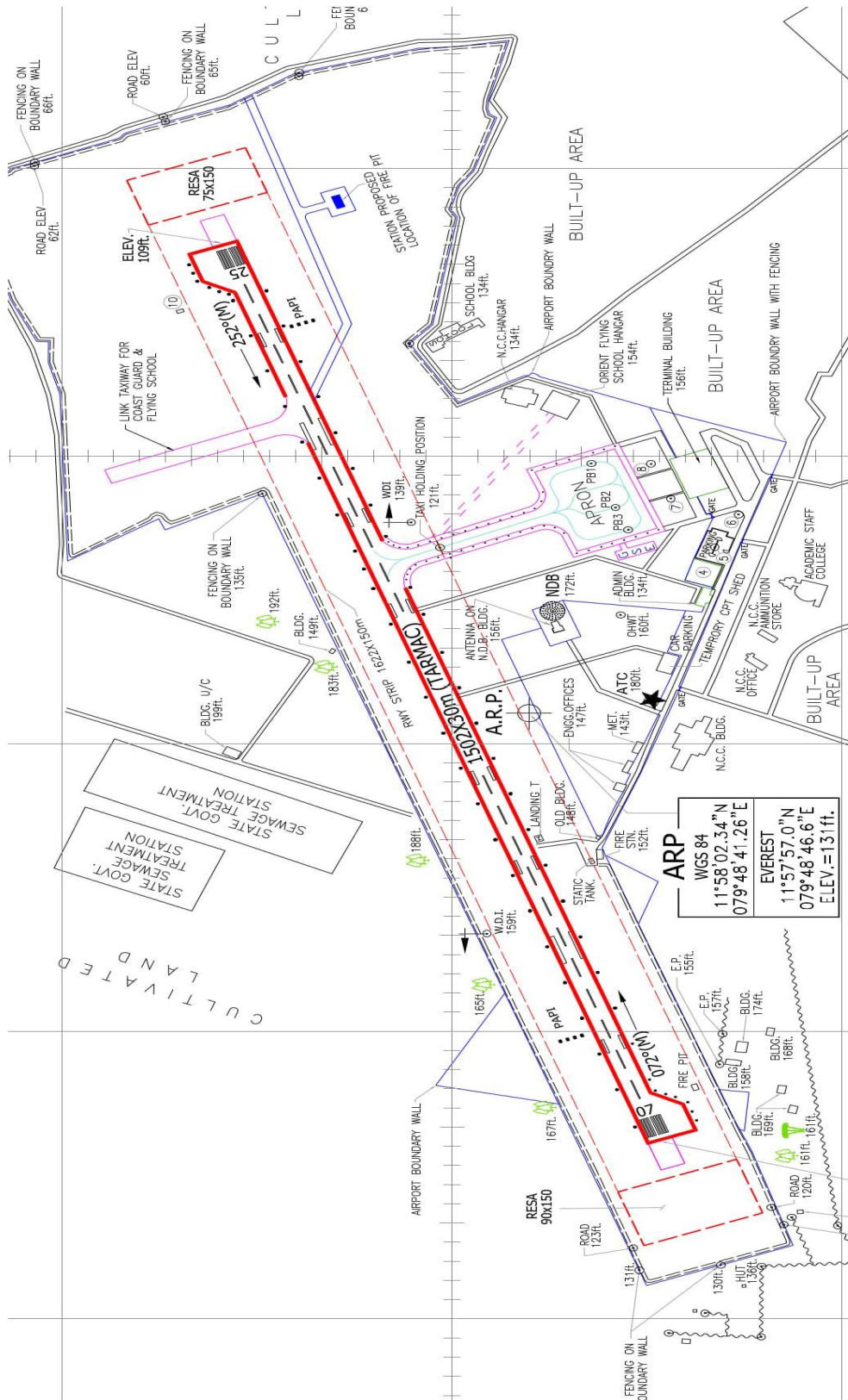
S. No.	Item Name	Brands / makes / Manufacturers
25.	FLOOR HARDENER	STP Ltd. / Sika India Pvt. Ltd. / BASF India Ltd. / Pidilite Industries Ltd. / FOSROC Chemicals (India) Pvt. Ltd. / Ironite / Mapei (Mapei Construction Products Pvt. Ltd.) / Chryso India Pvt. Ltd. / Supreme Bituchem India Pvt. Ltd. / Saint-Gobain India Pvt. Ltd. / MYK Arment Pvt. Ltd.
26.	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.
27.	CALCIUM SILICATE /MINERAL FIBER FALSE CEILING TILES/GYPSUM FALSE CEILING BOARDS/ GYPSUM 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 FalseCeiling Pvt. Ltd.
28.	FIBER CEMENT BOARD/ CEMENT BOARD	Bison (NCL Industries Ltd.) / Hicem(Ramco Industries Ltd.) / Everest (Everest Industries Ltd.) / Visaka Industries Ltd.
29.	PAINTS FOR STEEL STRUCTURE (EPOXY PAINTS)/ PU PAINTS WATER PROOF CEMENT PAINTS/ PRIMER/DISTEMPER / TEXTURE FINISH PAINT/ SYNTHETIC ENAMEL PAINT/ FIRE RETARDANT PAINT	JSW-Akzo Nobel India / 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. / Anupam Enterprises / Dooall Corpro India Pvt Ltd / Nippon Paint India Private Limited / FOSROC Chemicals (India) Private Limited
30.	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. / Nippon Paint India Private Limited
31.	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. / Pinnacle Solutions / VR Engineers
32.	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. / Polyon Textiles Private Limited

S. No.	Item Name	Brands / makes / Manufacturers
33.	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.
34.	SANITARY WARE/ FIXTURE/ FITTINGS/ SS SINK / SPECIALLY- ABLED FITTING	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 / Nirali (Jyoti Kitchen Industries Pvt. Ltd.) / Jayna / Pressalit Ltd. / Hindustan / Aqua Plumbings Pvt Ltd / Astral Ltd Euronics (Euronics Industries Pvt.Ltd.) (Except SS Napkin and Soap Dispenser)
35.	G.I. PIPE FITTINGS	Unik / Zoloto Malleables / Leader Valves Ltd. / Surya / R-Brand / KS / SS
36.	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/ CENTRIFUGALLY (SPUN) CI PIPES CLASS 'LA'/ DUCTILE IRON PIPE/ CI MANHOLE COVERS & CI GRATING	NECO(Jayaswal Neco Industries Ltd.) / BIC (Bengal Iron Corportation) / RIF / Electrosteel Steels casting Ltd. / SKF / Kapilansh Dhatu Udyog(P) Ltd. / Saint Gobain / HEPCO(Binay Udyog Pvt Ltd.) / Raj Pattern Makers & Founders Pvt. Ltd.
37.	STRUCTURAL/ WEATHER SEALANT FOR STRUCTURAL GLAZING/ACP	Wacker / Dow corning / 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. / Alstone Industries Pvt. Ltd.
38.	POLY SULPHIDE / POLYURETHANE SEALANT FOR JOINTS	FOSROC Chemicals (India) Pvt. Ltd. / Choksey Chemicals Pvt. Ltd. / Pidilite Industries Ltd. / Sika India Pvt. Ltd. / Dow corning / MYK Laticrete (MYK Laticrete Pvt. Ltd.) / Tuffseal / Wacker / G.E. / STP Ltd. / BASF India Ltd. / Maruti Bitumen Pvt. Ltd. / Chryso India Pvt. Ltd. / Supreme Bituchem India Pvt. Ltd. / Bostik India Pvt Ltd / MYK

S. No.	Item Name	Brands / makes / Manufacturers	
		Arment Pvt. Ltd. / McCoy Soudal Sealants Adhesives & Foams Pvt. Ltd.	
39.	MODULAR S.S. /GLASS RAILING	Dormakaba India Pvt. Ltd. / Jindal Lifestyle Ltd. / GEZE GmbH / Q-Railing India Pvt. Ltd. (Formerly D-Line) / Linx Technologies Pvt. Ltd. / Kich Architectural Products Pvt. Ltd. / Ozone India Pvt. Ltd. / Assa Abloy / Rinox Kaufmann Ltd. / Maruti Architectural Products Pvt Ltd	
40.	SOLID ACRYLIC SURFACE BOARDS	Dupont / LG-Himacs (LX Hausys India Pvt. Ltd) / Hanex / GMGR India (Samsung Staron) / Neonnex / Durlax Top Surface Limited	
41.	TENSILE FABRIC	Mehler Texnologies (Low & Bonar India Pvt. Ltd.) /Serge Ferrari India Pvt. Ltd. / Sattler PRO-TEX.	
42.	AUTOCLAVED AERATED CEMENT (AAC) BLOCKS	Magicrete 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. / Renaatus Procon Private Limited	Remark: Apart from these makes, locally available makes may be explored meeting technical specifications.
43.	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	
44.	WALKWAYS/FALL PROTECTION SYSTEM / ROOF HATCH	WULMET / Latchways / Capital Safety / Honeywell / Checkmate / Karam Safety Pvt. Ltd. / Kingspan Jindal Pvt. Ltd./ NYSTROM / BABENKO / BILCO	
45.	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. / Dudhi Industries Private Limited	
46.	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. / Yahska Polymers Pvt Ltd / Akarsh Specialities	
47.	DECORATIVE FILMS/ SAFETY FILMS	3M / Avery Dennison / Deck	
48.	STEEL NANO COAT	Four Solutions Pvt. Ltd. / Meta-Chem Paints & Adhesives Pvt. Ltd. / Advanced Lab	
49.	GEOTEXTILE PRODUCTS / SOIL	TechFab India Industries Ltd. / Strata Geosystems (India) Pvt. Ltd. / Suntech Geotextile Pvt. Ltd. / Maccaferri Environmental Solutions	

S. No.	Item Name	Brands / makes / Manufacturers
	REINFORCEMENT GEOSYNTHETICS	
50.	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. / HIL Limited / Vishal Pipes Limited
51.	ROCKWOOL / GLASSWOOL INSULATION	UP Twiga / Roxul-Rockwool / Rockloyd / Saint Gobain India Pvt Ltd. (Formerly Rockwool India) / Lloyd Insulations India Ltd. / Polybond Insulation Pvt. Ltd. / Hi-Tec Rock Fibre Private Limited / Thermocare Rock Wool (India) Pvt. Ltd.
52.	G.I. PIPE	Tata Steel Ltd. / Jindal Pipes Ltd. / Surya Roshni (Surya Roshni Ltd.) / APL Apollo Tubes Ltd. / Zenith / Utkarsh India Ltd. / Nezone Tubes Ltd. / Hi-Tech Pipes Ltd. / Jotindra Steel & Tubes Ltd. / Ravindra Tubes Private Limited / Dadu Pipes Pvt. Ltd / Vishal Pipes Limited / Chetna Steel Tubes Private Limited
53.	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
54.	HDPE PIPES	Geberit / Saint Gobain / Savior Faire Manufacturing Co. Ltd. / Jain Irrigation / Ori-plast / East - Hooghly Agro Plantation Pvt. Ltd. / Aaram Plastics Private Limited / Shree Narayani Pipe Mfg Co / Vishal Pipes Limited / Prince Pipes And Fittings Limited / Vishal Heavy Engineering Private Limited / Sangir Plastics Pvt. Ltd.

DRAWINGS



ITEM RATE BOQ

Item Rate BoQ

Tender Inviting Authority: Sr. Manager (Engg-Civil), AAI, Puducherry Airport

Name of Work: Construction of Fire Pit at Runway 25 south side at Puducherry Airport

Contract No:AAI/SW(E-C)/Fire Pit/2026-27 Tender ID : 2026_AAI_282547_1

PRICE SCHEDULE									
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)									
Sl. No.	Item Description	Quantity	Units	NUMBER #	TEXT #	NUMBER #	RATE Excluding GST In Figures To be entered by the Bidder Rs. P	NUMBER #	TEXT #
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. (a) All kinds of soil.	2090.00	Cum	3	4	5		6	7
2	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.	2090.00	Cum					0.00	INR Zero Only
3	Supplying, spreading and filling of M sand in ground level including watering, ramming and dressing complete as per the direction of Engineer in Charge.	180.00	Cum					0.00	INR Zero Only
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (a) 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	180.00	Cum					0.00	INR Zero Only

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE Excluding GST In Figures To be entered by the Bidder Rs. p	TOTAL AMOUNT WITHOUT GST	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
5	Construction of Subgrade with Moorum/gravel soil brought out from approved quarry out side the airport premises. The complete operation will include spreading the Moorum with dozer, dressing, levelling, providing camber, grading with motor grader and consolidating with vibratory roller 8-10 tonne capacity in layers not exceeding 20cm in depth to achieve 95% of the field density including making good the undulation etc. to meet requirement of table 300-2 of MoRTH Specifications. Technical Specifications and drawings complete and directions of Engineer-in-Charge. The embankment constructions should satisfy minimum CBR value of 15 to 20as per design requirement. (Cost includes all leads,taxes, royalty, operations and obtaining field density from the approved lab or Govt Engineering college)	930.00	Cum		0.00	INR Zero Only
6	Construction of granular sub-base by providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge. a) With material conforming to Grade-1 (size range 75 mm to 0.075 mm) having CBR Value-30	350.00	Cum		0.00	INR Zero Only
7	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paverfinisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.	270.00	Cum		0.00	INR Zero Only
8	Construction of dry lean cement concrete sub base over a prepared sub-grade with coarse and fine aggregate conforming to IS:383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per specifications, cement content not to be less than 150 Kg/cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, for all leads & lifts, laid with a mechanical paver, compacting with 8-10 tonne vibratory roller, finishing and curing etc. complete as per direction of Engineer-in-charge.	240.00	Cum		0.00	INR Zero Only

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE Excluding GST In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT WITHOUT GST	TOTAL AMOUNT In Words	
1	2	3	4	5	6	7	
9	Providing and laying 80mm thick factory made cement concrete interlocking paver block of M -40 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.	1540.00	Sqm		0.00	INR Zero Only	
10	Painting runway/taxi track/apron marking with adequate nos of coats to give uniform finish with road marking paint of superior make as approved by the Engineer-in-charge, i/c cleaning the surface of all dirt, scales, oil, grease and other foreign material etc. and lining out complete. a) New work (Two or more coats)	40.00	Sqm		0.00	INR Zero Only	
11	Brick work with bricks of class designation 50 in foundation and plinth in: a) Cement mortar 1:6 (1 cement : 6 coarse sand) (Note: River sand /M Sand should conform to requirements given in the relevant IS code 383 (latest revision)).	30.00	Cum		0.00	INR Zero Only	
12	12 mm cement plaster: a) 1:3 (1 cement: 3 fine sand)	130.00	Sqm		0.00	INR Zero Only	
13	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade : a) Two or more coats on new work	130.00	Sqm		0.00	INR Zero Only	
Total in Figures							
Quoted Rate in Words					0.00	INR Zero Only	