



भारतीय विमानपत्तन प्राधिकरण Airports Authority of India

सं संख्या: एएआई/टीपीटी/इंजीनियरिंग(सी)/एमसी-ओपीएस/2025-26/613

दिनांक: 22.03.2025

Ref. No: AAI/TPT/Engg(C)/AMC -OPS/2025-26/613

Date: 22.03.2025

सेवा में / To,

मेसेर्स / एसपी एंटरप्राइजेज / M/s SP Enterprises,

गृ.सं 1084, दतला एसपी हाउस / H. No. 1084, Datla SP House,

पास ग्राम सचिवालय / Beside Grama Sachivalayam,

पेड्डागुम्मलुरु (वी एंड पी) / Peddagummuluru (V & P),

स रायवाराम मंडल / S Rayavaram Mandal,

विशाखापट्टनम - 531083, एपी। / Visakhapatnam - 531083, AP.

कार्य का नाम: तिरुपति हवाई अड्डे पर वर्ष 2025-26 के लिए सिविल कार्यों का ए/आर एवं एम/ओ

Name of Work: A/R & M/O of Civil works for the year 2025-26 at Tirupati Airport

उप शीर्ष : तिरुपति में परिचालन क्षेत्र के लिए वार्षिक रखरखाव अनुबंध

SH: Annual Maintenance Contract for Operational area at Tirupati.

संदर्भ: 1) आपके बिड सं.2025_भा वि प्रा_226179_1 के संदर्भ में आपकी निविदा दिनांक. 07.03.2025

Ref: 1) Your tender dated 07.03.2025 in response to your bid no. 2024_AAI_226179_1

प्रिय महोदय / Dear Sir,

1. ऊपर उल्लिखित कार्य के लिए आपका ई-निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आपके द्वारा उद्धृत प्रतिशत दर पर स्वीकार किया जाता है (-)34.16% (चौतीस दशमलव एक छह प्रतिशत) सीपीडब्ल्यूडी डीएसआर 2023 की सभी दरों और अतिरिक्त मदों पर नीचे क्र.सं. निविदा दस्तावेज के 1 से 134 पृष्ठ संख्या SOQ 01 से SOQ 12 तक। अनुबंध मूल्य रुपये होगा। रु. 82,30,000/- (जीएसटी को छोड़कर)।

Your E - tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at percentage rate quoted by you (-)34.16% (Thirty-Four decimal One Six Percentage) Below on all rates of CPWD DSR 2023 and additional items from S. No. 1 to 134 Page No. SOQ 01 to SOQ 12 of Tender Document. Contract value will be Rs. 82,30,000/-. (Excluding GST).

2. संयुक्त महाप्रबंधक (अभि-सिविल), भा वि प्रा, तिरुपति हवाई अड्डा इस कार्य का अभियंता-प्रभारी रहेंगे। आप संविदा करार में हस्ताक्षर करने हेतु तथा ठेका करार पूरा करने हेतु 07.04.2025 को या संयुक्त महाप्रबंधक (अभि-सिविल), भा वि प्रा, तिरुपति हवाई अड्डा, रेनिगुंटा के कार्यालय में उपस्थित होने के लिए यह अनुरोध किया जाता है। ठेका करार रु.100/- (रुपये एक सौ मात्र) मूल्य का न्ययिकेतर स्टॉप कागजात में निष्पादित किया जाना है तथा स्टॉप कागजात का मूल्य आपके द्वारा भुगतान किया जाएगा।

Jt. Gen. Manager (E-C), AAI, Tirupati Airport, shall be the Engineer-in-charge of the work. You are requested to attend the office of Jt. Gen. Manager (E-C), AAI Tirupati Airport by 07.04.2025 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- (Rupees One Hundred only) and the cost of the stamp paper shall be borne by you.

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3. कृपया रु. **8,23,000/-** (आठ लाख तेईस हजार रूपये मात्र) प्रतिभूति जमा की ओर जमा करें, असफल होने से धारा 1A का जी सी सी पृष्ठ सं -22 के अनुसार आपके चालू बिलों से उसी को कटौती की जाएगी।

Please deposit **Rs. 8,23,000/-** (Rupees Eight Lakhs Twenty Three Thousand Only) towards Security Deposit, failing which the same will be deducted from your running bills as per Clause No. 1A on Page GCC - 22.

4. आपसे अनुरोध है कि ठेका श्रम (विनियमन और उन्मूलन) अधिनियम 1970 और ठेका श्रम (विनियमन और उन्मूलन) केंद्रीय नियम 1971, बाल श्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण श्रमिकों (रोजगार और सेवा की शर्तों का विनियमन) के प्रावधानों का पालन करें। अधिनियम 1996, भवन और अन्य निर्माण श्रमिक कल्याण उपकर अधिनियम 1996, न्यूनतम मजदूरी अधिनियम 1948, कर्मचारी भविष्य निधि और विविध प्रावधान अधिनियम 1952 और ईएसआई अधिनियम 1948, समय-समय पर संशोधित और केंद्र और राज्य सरकारों के नियमों का पालन करें।

You are requested to comply with the provision of Contract labour (Regulation and Abolition) Act 1970 and contract Labour (Regulation and Abolition) Central Rules 1971, Child Labour (Prohibition & Regulation) Act 1986, Construction workers (Regulation of Employment and Conditions of Service) Act 1996, Building and other construction workers welfare cess Act 1996, minimum wages act 1948, Employees Provident Fund & Mis. Provisions Act 1952 and ESI Act 1948, Amended from time to time and rules thereof Central and State Governments.

5. स. महा प्रबंधक /(अभि - सिविल) (अभि-सिविल) को तत्काल प्रभाव से संपर्क करने हेतु आपको निदेशित किया जाता है, जो आपको साइट सौंपने के लिए व्यवस्थित किया जाएगा।

You are also directed to contract Asst. Gen. Manager (Engg - Civil) immediately who will arrange to hand over the site to you.

6. कृपया नोट की जाए कि कार्य को पूरा करने के लिए दिया गया समय 12 (बारह) महीने होगा तथा उसी को 01.04.2024 से गिना जाएगा।

Please note that the time allowed for carrying out the work shall be 12(Twelve) months and same shall be reckoned from the 01.04.2024.

7. इस ठेका के संबंधित आगे कोई पत्राचार सामान्यतः अभियंता प्रभारी को संबोधित किया जाना है।

The letters under reference shall form part of agreement.

8. इस ठेका के संबंधित आगे कोई पत्राचार सामान्यतः अभियंता प्रभारी को संबोधित किया जाना है।

Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge.

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9. कृपया पावती भेजें और स्वीकृति के रूप में संलग्न इस पत्र की प्रति में हस्ताक्षर करके अधोहस्ताक्षरी को वापस भेजा जाए।

Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of acceptance.

भवदीय / Yours faithfully,


22/03/25.

संयुक्त महाप्रबंधक (अभि-सिविल) / Jt. Gen. Manager (Engg - Civil)

कृते एवं अध्यक्ष की ओर से / For and on behalf of the Chairman,
भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India.

अनुलग्नक / Encl: बी ओ क्यू पृष्ठ सं. 01 & SOQ 01 से SOQ 12 / BOQ Page No. 01 & SOQ 01 to SOQ 12



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प्रतिलिपि / Copy to:

आन्तरिक / Internal:

1. विमानपत्तन निदेशक, भा वि प्रा, तिरुपति हवाईअड्डा
Airport Director, AAI, Tirupati Airport.
2. स. महा प्रबंधक (इंजी-सिविल), भा वि प्रा, तिरुपति हवाईअड्डा
Asst. Gen. Manager (Engg-C), AAI, Tirupati Airport.
3. प्रबंधक(इंजी-सिविल), भा वि प्रा, तिरुपति हवाईअड्डा
Manager (Engg -C), AAI, Tirupati Airport.
4. प्रबंधक(वित्त व लेखा), तिरुपति हवाईअड्डा
Manager (F&A), Tirupati Airport.

बाहरी/ External:

1. महाप्रबंधक (अभि) गन्नावरम हवाई अड्डा. विजयवाड़ा.
General Manager (Engg) Gannavaram Airport. Vijayawada.
2. उप श्रम आयुक्त (केंद्रीय), वि या नि कैंपस, शिवराम रोड, विद्यानगर, हैदराबाद
Deputy Labour Commissioner (Central), ATI Campus, Shivaram Road, Vidyanagar, Hyderabad.
3. प्रवर्तन अधिकारी, कर्मचारी भविष्य निधि संगठन, 13-1-183, पेद्दा कापु स्ट्रीट, तिरुपति
The Enforcement officer, employee provident fund organization, 13-1-183, Pedda Kapu Street, Tirupati.
4. संयुक्त महाप्रबंधक(सतर्कता), भा वि प्रा, क्षेत्र मु-द क्षेत्र, चेन्नई हवाईअड्डा, चेन्नई
Jt. GM (Vigilance), AAI,RHQ -SR, Chennai Airport, Chennai.

Signature
22/03/24

संयुक्त महाप्रबंधक (अभि-सिविल) / Jt. Gen. Manager (Engg - Civil)
कृते एवं अध्यक्ष की ओर से / For and on behalf of the Chairman,
भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India.

Tender Inviting Authority: Asst. Gen. Manager (Engg Civil), AAI , Tirupati Airport

Name of Work: A/R & M/O of Civil works for the year 2025 - 26 at Tirupati Airport

S.H: Annual Maintenance Contract for Operational Area at Tirupati Airport

Contract No: 2025_AAI_226179 _1

SP ENTERPRISES						
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)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate as per DSR 2023 or at par rate of DSR 2023 Rs. P	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1	Schedule A Part - I All CPWD DSR 2023 items with upto date correction slips and Schedule A Part - II Additional Miscellaneous items SI.No. 01 to 134 from page No.SOQ 1 to SOQ 12 of Tender document (Percentage Quoted Shall be Excluding GST) {Note: Methodology of working the rate for payment of DSR-2023 Item Schedule "A" (Part - I) (as per DSR - 2023 Vol I & II with upto date correction slip) and Schedule "A" (Part - II) (Rate Derived at Par with DSR - 2023)} The Payment of DSR - 2023 items (Schedule "A" Part - I & Part - II) Shall be regulated as below: Rate of Items (Schedule "A" Part - I & Part - II) = X Rate to be considered for payment = $\frac{(X/1.2127) \times (100 \pm \text{Quoted Percentage rate})}{100}$ 1. The agency shall quote % (Percentage) above or below. 2.The GST as applicable shall be payable on the work done value. 3. The awarded cost shall be estimated cost put to tender	1	Each	100.00	54.29	INR Fifty Four and Paise Twenty Nine Only
Total in Figures					54.29	INR Fifty Four and Paise Twenty Nine Only
Quoted Percentage			Less (-)	34.16%		
Quoted Rate in Words		INR Fifty Four and Paise Twenty Nine Only				

SCHEDULE - "A"

Name of Work: A/R & M/O Civil works for the year 2025-26 at Tirupati Airport.

SH: Annual maintenance contract for Operational Area at Tirupati Airport

Item No	Description of Items	Unit	Base Rate (Rupees)	
I	Schedule "A" (Part-I)			
1	All DSR 2023 items (with up to date correction slips)	As per DSR-2023	DSR 2023 Scheduled rates	
II	Schedule "A" (Part-II)			
	ADDITIONAL MISCELLANEOUS ITEMS		(Rate at par with DSR 2023)	
1	Brick work with common burnt clay F.P.S (non modular) bricks of class designation 5.0 in foundation and plinth in: -Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	8625.34	
2	Brick work with common burnt clay F.P.S (non modular) bricks of class designation 5.0 in superstructure above plinth level up to floor V level in all shapes and sizes in - Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	10059.42	
3	Half brick masonry with common burnt clay F.P.S (non modular) bricks of class designation 5.0 in foundations and plinth in: -Cement mortar 1:4 (1 cement :4 coarse sand)	sqm	1068.25	
4	Half brick masonry with common burnt clay F.P.S (non modular) bricks of class designation 5.0 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand)	sqm	1225.90	
5	Providing wood work in frames of doors, windows clerestory windows and other frames, wrought framed and fixed in position. (Good Quality local wood) (Local name of wood :neem tree,mango tree,jamun tree,etc)	Cum	36095.86	
6	Providing and fixing Acrylic sheet of white, any colour or transparant on board as per requirement.i/c cutting of edge fixing with sciew/adheshive or both all complete as directed by Engineer-In-Charge.			
a)	4 mm thick	Sqm	3316.72	
b)	6 mm thick	Sqm	4858.46	
c)	8 mm thick	Sqm	6090.99	
7	Providing and fixing ISI BWR plywood of approved brand like kitply, greenply or equivalent with necessary screws, nails and nuts wherever necessary like panelling, cupboards etc. complete as per direction of Engineer-in-charge.			
	(a) 6 mm thick ISI boiled water resistance plywood	Sqm	881.06	
	(b) 9 mm thick ISI boiled water resistance plywood	Sqm	966.95	
	(c) 12 mm thick ISI boiled water resistance plywood	Sqm	1175.60	
	(d) 19 mm thick ISI boiled water resistance plywood	Sqm	1277.68	
8	Providing and fixing ISI Commercial plywood of approved brand like kitply, greenply or equivalent with necessary screws, nails and nuts wherever necessary like panelling, cupboards etc. complete as per direction of Engineer-in-charge.			
	(a) 6 mm thick ISI Commercial plywood	Sqm	769.50	
	(b) 9 mm thick ISI Commercial plywood	Sqm	809.48	
	(c) 12 mm thick ISI Commercial plywood	Sqm	881.06	
	(d) 19 mm thick ISI Commercial plywood	Sqm	1031.36	
9	Providing and fixing 6mm mirror glass of modi, saint gobin or equivalent over backing with ISI marked BWR plywood of required thickness and fitted with SS studs and cap etc. all complete as per satisfaction of Engineer-in-charge. (The cost of the plywood will be paid seperately)	sqm	2977.54	

Item No	Description of Items	Unit	Base Rate (Rupees)	
10	Providing & fixing 8 mm thick table glass including grinding and polishing of the edges and transportation and placing in position etc. complete as directed by Engineer-in-charge	sqm	2412.95	
11	Providing and fixing 100 mm wide vertical blinds of standard make as per manufacturer's specification and size complete in all respect including installation of blinds as per direction of Engineer-in-charge.	sqm	3474.95	
12	Providing and fixing homogeneous Polyvinyl chloride sheet/ tile in flooring and skirting in approved pattern on a smooth and damp proof base using rubber based adhesives of approved quality and manufacturer like Dunlop S-758, Fevicol SR-998 or equivalent all complete as per direction of Engineer-in-charge.			
	(a) 2.5 mm thick sheet	sqm	1161.29	
	(b) 1.5 mm thick sheet	sqm	774.78	
13	Providing and fixing Polyvinyl sheet stickering of 3M or equivalent make on information/ notice board etc. with background including lettering of required colour and size adhesive backing, all complete as per direction of Engineer-in-charge.	sqm	5647.77	
14	Providing and fixing Reflective stickering Radium sheet of 3M or Nicolite or equivalent make on information/ notice board etc. as background with adhesive backing, all complete as per direction of Engineer-in-charge.	sqm	6857.99	
15	Tightening of G.I. barbed wire of fencing including replacing broken hooks/staples complete.	Metre	10.94	
16	Providing and fixing Stainless Steel/CP Brass seat cover clamps of minimum 125mm size and any type, complete in all respect as per direction of Engineer-in-charge.	pair	299.94	
17	Providing and fixing PVC Nahi trap all complete as per direction and satisfaction of Engineer-In-Charge.	Each	297.18	
18	Supplying and fixing GI cover with frame for gully trap/Chambers of different size of standard pattern and make as per direction of Engineer-in-Charge.			
a)	300x300 mm nominal size of light duty	Each	1814.03	
b)	450 x450 mm nominal size weight Approx 10 Kg.	Each	2223.03	
c)	600 x600 mm nominal Full size weight Approx 23 Kg.	Each	2700.18	
19	Providing and fixing UPVC pipes (ISI marked pressure 10 Kg./sq.cm for 20 mm to 32mm OD and 6 Kg./sq.cm for OD 40mm to 160mm) including fittings (coupler, elbow etc.) and joining the pipes and fittings with adhesive solution all complete as per the direction and satisfaction of Engineer-in-Charge.			
a)	25 mm (outer dia)	Metre	391.33	
b)	32 mm (outer dia)	Metre	496.33	
c)	40 mm (outer dia)	Metre	627.42	
d)	50 mm (outer dia)	Metre	780.09	
20	Providing and fixing PVC pipes (ISI marked pressure 10 Kg./sq.cm for 20mm to 32mm OD and 6 Kg./sq.cm for OD 40mm to 160mm) including fittings (coupler, elbow etc.) and joining the pipes and fittings with adhesive solution all complete as per the direction and satisfaction of Engineer-in-Charge.			
a)	20 mm(outer dia)	Metre	316.50	
b)	25 mm (outer dia)	Metre	395.98	
c)	32mm (outer dia)	Metre	474.89	
d)	40 mm (outer dia)	Metre	562.19	
e)	75 mm (outer dia)	Metre	690.06	
f)	110mm (outer dia)	Metre	972.28	
g)	140mm (outer dia)	Metre	1657.42	

Item No	Description of Items	Unit	Base Rate (Rupees)	
21	Providing and fixing brass gate valve of ZOLOTO or equivalent in water supply line, all complete as per direction of Engineer-in-Charge.			
a)	20 mm nominal bore	Each	2008.41	
b)	25 mm nominal bore	Each	2898.90	
c)	32 mm nominal bore	Each	3449.00	
d)	40 mm nominal bore	Each	3385.16	
e)	50 mm nominal bore	Each	4616.48	
22	Cleaning of choked/blocked rain water pipe, soil waste pipe, vent pipe, manhole, sewerage pipe, gully traps, EWC, IWC, wash basin, kitchen sink, bottle traps, floor traps, house drain, storm water drain, etc. complete satisfaction of Engineer-In-Charge.			
a)	Building drain	Metre	21.72	
b)	Storm water drain (Road side covered).	Metre	105.11	
c)	Storm water drain (Road side open).	Metre	79.88	
d)	Rain water pipe / soil waste and vent pipe.	Metre	27.00	
23	Cleaning of sludge, garbage etc from septic tank using mechanical Sewage collection Tank of capacity 5000 Litres and disposal of sewage at location approved by municipal authorities as directed by the Engineer-in-Charge.(However this item shall be executed with the approval of the EIC only)	per load	5453.35	
24	Providing and operating JCB for levelling cutting etc. at the operational /non operational area including transporting to and fro at the site, including fuel, driver and any other incidental break down charges on this account etc as directed by Engineer-In-Charge.	per hour	2045.01	
25	Providing and operating tractor for the operational /non operational area excluding loading and unloading & including transporting to and fro at the site, including fuel, driver and any other incidental break down charges on this account etc as directed by Engineer-In-Charge.	per hour	511.25	
26	Repairing and refixing of doors/windows shutter I/e removal of shutter from chaukhat, cutting where necessary removing and refixing butt hinges on other side of frame of shutter wherever required. (Cost of hinges I/e fixing shall be paid extra)	Each	585.76	
27	Providing and fixing sun control film /Etching Film of approved quality on glass panes after thoroughly cleaning of existing surface. The rate is inclusive of removal of sun control film wherever required. Non-reflective type	sqm	600.88	
28	Providing and fixing 22G aluminium sheet on doors or required area with steel screws etc all complete	sqm	703.88	
29	Printing and fixing of flex banner of approved quality as per the required size all complete	sqm	224.79	
30	Lettering with synthetic enamel paint of approved brand & manufacture as per satisfaction of Engineer-in-charge.	per letter per cm height	5.22	
31	Supply of water from nearest water source to sump located at airport by water tankers of capacity 5000 litres on requirement basis	Per Trip	1090.67	
32	Supplying and placing in position sand bag (with fine sand) in all respect as per direction of E.I.C	Each	106.34	
33	Dismantling wherever required and taking away CP /brass pillar cocks ,anglevalves,stopcocks ,long body taps and the like as directed by Engineer-In-Charge.	Each	-100.78	
34	Providing and fixing G.I. fittings of all size including dismantling old one and replacing with new one (Hex Nipple, Tees, Elbows, Collars, Nipple etc.) as directed by Engineer-in-charge.	Each	126.42	

Item No	Description of Items	Unit	Base Rate (Rupees)	
35	Supply of Health Faucet with flexible hose set & Wall Hook of make Hindware F160023 or equivalent as per the directions of Engineer in Charge	Each	1227.01	
36	Providing and Fixing Soap Dispenser of Viking or equivalent make complete as per the directions of Engineer-in-charge.	Each	828.90	
37	Providing and fixing white vitreous China urinal partitions of size 830x400x100mm of approved make (parryware or equivalent) with necessary brackets bolts and nuts including and making good the walls wherever required and finishing the joints with existing tiles etc complete as directed by Engineer-in-charge.	Each	4471.99	
38	Supply of sensor C.P. pillar Cock (15 mm nominal bore) etc. of make CERA (F6010109) or equivalent complete or as per the directions of Engineer-in-charge.	Each	7498.36	
39	Supply of CP brass bottle trap 32mm(CERA make) (F8060406) with 300mm x 190mm wall connection pipe for wash basin and urinals etc. complete in all respect as per direction and satisfaction of E.I.C.	Each	2901.19	
40	Providing and fixing CP brass bottle trap 32mm(JAQUAR make) (ALD 769 L) with 250mm x 190mm wall connection pipe for wash basin and urinals etc. complete in all respect as per direction and satisfaction of E.I.C.	Each	3187.48	
41	Providing and fixing of Sensor Eye of CERA make model SE5016 for Cera Urinal 5005A etc complete as per the direction of Engineer in-charge	Each	2773.02	
42	Supply of C.P. pillar cock long neck with aerator (heavy) of CERA make (F2014103) or equivalent approved quality.	Each	2154.07	
43	Supply of 32mm size waste coupling cera make model no. F8050101, as per the directions of Engineer-in-charge.	Each	899.81	
44	Supply of C.P. brass Two-way Bib Cock (15 mm) etc. of CERA make (F1015161) or equivalent complete in all respect as per direction of Engineer-in-charge.	Each	2794.86	
45	Providing and fixing aluminium extruded section body tubular type hydraulic door closer of make " Godrej cat No 1938" door weight upto 80 kg and door width from 701 mm to 1100mm), with double speed adjustment with necessary accessories and screws etc. complete	Each	3791.06	
46	Providing and fixing CP brass spreader of approved make and size for urinal flush valve along with CP brass extension pipe of suitable length as per the directions of Engineer-in-charge.	Each	477.17	
47	Supply of C.P. pillar cock of CERA F2014152 Opal pillar Cock make or equivalent all completed as per the direction of engineering in charge.	Each	1981.13	
48	Providing and fixing C.P. Brass Long Body Bib Cock (JAQUAR Make Cat, 107KN) of approved quality all complete as per the direction of Engineering in charge	Each	2045.01	
49	Providing and fixing C.P. angle cock of Hindware cat No.F850031 15mm nominal bore for basin mixer and geyser points, etc of approved quality as per the direction of EIC.	Each	558.96	
50	Testing of potable water/water sample from approved laboratory as per ISI / BIS for consumptive purpose as and when required it includes taking sample from the designated source bringing at laboratory bringing back result and submitting the same within 10 days complete etc. as per direction of engineer-in-charge	Each	2249.51	
51	Supply of solenoid valve of CERA make model SV500A for Cera Urinal 5005A etc complete as per the direction of Engineer-in-charge	Each	3681.01	
52	Supply of battery box of CERA make model BB5005A for Cera Urinal 5005A etc complete as per the direction of Engineer-in-charge	Each	1063.39	

Item No	Description of Items	Unit	Base Rate (Rupees)	
53	Cleaning of underground water tanks/surface water tanks and removal of malba and disinfecting the tank with bleaching powder as directed by the Engineer-in-Charge.			
	a) For 40,000-55,000litre capacity tank	Each	10368.18	
	b) For 25,000-40,000capacity tank	Each	8219.3	
	c) For upto 25,000capacity tank	Each	5536.24	
54	Cleaning of GI/MS/Masonry/Sintex overhead water tanks including removal of malba and disinfecting the tank with bleaching powder as directed by the Engineer-in-Charge.			
	a) Upto 500 litre capacity tank	Each	979.57	
	b) 500-Upto 1000litre capacity tank	Each	1338.12	
	c) Above 1000 litre, upto 3000 litre capacity tank	Each	1892.59	
55	Providing and fixing black colour cover of Syntax water round PVC tank including hinges etc., complete as directed by Engineer-in-charge.	Each	613.50	
56	Hiring & operating Diesel mud pump for pumping sewerage effluence or storm water whenever & Wherever required. The pump should be trolley mounted So, that it can be move easily. Three pump operator/sewer man will be posted in three shift for round the clock working ,the fuel charge, maintenance charge if any will be born by the contractor. Suction & delivery pipe of minimum 10.00 mtr. length of the respective dia of inlet & outlet shall be provided by the contractor. All complete as per direction of Engineer-in-Charge. Note : - If pump break-down , the pump must be repaired or replaced within one - two hours otherwise a penalty of Rs. 150.00 per hour will be imposed.	Day	6430.87	
57	Brick work with non modular fly ash bricks conforming to IS:12894, class designation 10 average compressive strength in super structure above plinth level up to floor V level in :Cement mortar 1:6 (1 cement : 6coarse sand)	cum	10824.23	
58	Brick work with non modular fly ash bricks (Conforming toIS:12894) class designation 10 average compressive strength in foundation and plinth :Cement Mortar 1:6 (1 cement : 6 coarse sand)	cum	9042.34	
59	Half brick masonry with non modular fly ash bricks of class designation 10, conformingio IS :12894, in super structure above plinth and upto floor V level. Cement mortar 1 : 4 (1 cement : 4 coarse sand)	sqm	10161.47	
60	Supply of Sensor Eye SE 5016 of C.P. pillar Cock of make Hindware (F240001) etc complete as per the direction of Engineer-in-charge	each	3681.01	
61	Supply of full threaded waste coupling of make CERA (F8050101) etc complete as per the direction of Engineer-in-charge	each	713.25	
62	Providing and fixing hard board 25 mm thick for partitions, cupboards and wherevere required as directed by EIC	sqm	1701.49	
63	Providing and fixing 08 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side	sqm	895.62	
64	Providing and fixing Gypsum board 12.5mm thick for all height false ceiling including screws, labours finishing with tape putty etc., as per directions of the Engineering in charge	sqm	1004.10	

Item No	Description of Items	Unit	Base Rate (Rupees)	
65	Supply of Rubber Molded Speed Breakers including required materials for fixing i.e., epoxy glove and dash fashioners ect., as per direction of Engineer in charge	Meter	1497.61	
66	Providing and fixing Brass valve of approved quality (screwed end) : 75 mm nominal bore	Each	14377.76	
67	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with : Stones supplied by AAI	Cum	4299.24	
68	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : Powder coated aluminium (minimum thickness of powder coating 50 micron) Aluminium section provided by AAI	Kg	111.80	
69	Providing and fixing in wall lining flat pressed three layer (medium density) particle board or graded wood Pre-laminated one side decorative lamination and otherside balancing lamination Grade I, Type II, IS : 12823 marked, including priming coat on unexposed arrangement and screws etc. complete : 10 mm thick	sqm	1504.80	
70	Providing M.S. Piano hinges ISI marked IS : 3818 finished with nickel plating and fixing with necessary screws etc., complete. Overall width 20 mm	meter	443.41	
71	Providing and fixing in wall lining flat pressed three layer (medium density) particle board or graded wood Pre-laminated one side decorative lamination and other side balancing lamination Grade I, Type II, IS : 12823 marked, including priming coat on unexposed arrangement and screws etc. complete : Particle board provided by AAI 10 mm thick	Sqm	418.97	
72	Providing plane flex sheet of approved quality as per the required size all complete	Sqm	204.50	
73	Providing and fixing 8mm thick glass including grinding, polishing, bevelling of the edges, corners and drilling holes and providing studs for fixing of the glass to the wall i/c transportation complete as directed by Engineer In-charge	Sqm	2688.56	
74	Supply of Toilet Seat Cover White complete as per the direction of Engineer-in-charge	Each	886.18	
75	Providing Etching film of 3M of approved quality on glass panes after thoroughly cleaning of existing surface. The rate is inclusive of removal of old etching films wherever required.	Sqm	810.50	
76	Granite stone flooring with 16 mm thick Granite stone, as per sample of Granite approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry, including rubbing and polishing complete with :	Sqm	4085.67	

Item No	Description of Items	Unit	Base Rate (Rupees)	
77	Providing and operating Hydra for lifting, carrying at the operational /non operational area including transporting to and fro at the site, including fuel, driver and any other incidental break down charges on this account etc as directed by Engineer-In-Charge.	Hr	4090.01	
78	Refixing of height barrier at OTB approach road by lifting the existing barrier, placing in position, welding and cutting if required complete work as a job as per direction of EIC.	Per Job	31768.50	
79	Supply of One Run patch sheet (of size 10 sqm) for repair of Apron / CC surface with direction of EIC	Per Job	70331.20	
80	Dismantling of glass doors, glass windows etc. complete and stacking within 50 metres lead :	Sqm	582.75	
81	Providing and fixing ball valve (PVC) of approved quality, High or low pressure, with plastic floats complete :	Each	385.35	
82	Supply of fosroc.Conbextra GP2 cement (Each Bag of 25Kg) complete as per the direction of the EIC	Each	579.42	
83	Providing and applying Painting walls by applying a finish of ROYAL PLAY DESIGN (RSGGING or SPANGING or DAPPLE) paints of approved brands and give a required finish on wall surface of desired colour with required shades over existing wall surface and where ever required including surface preparation, sand papering, cleaning as directed by Enginner - in - Charge	sqm	1772.34	
84	Cleaning/Removal of Silt from Storm Water Drain (Air Side) of Size width 2 to 2.5 Mtr with complete satisfaction of EIC.	Mtr	110.89	
85	Cleaning/Removal of Silt from Storm Water Drain (Air Side) of Size width 2.5 Mtr and above with complete satisfaction of EIC.	Mtr	146.75	
86	Providing 4" CID joint for water pipe line as per the direction of the EIC	Each	790.73	
87	Supply of 6" MS flange for water pipe line as per the direction of EIC.	Each	858.91	
88	Supply of 4" MS flange for water pipe line as per the direction of EIC.	Each	436.27	
89	Providing and fixing panelling or paneling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (area of opening for panel inserts excluding portion inside grooves or rebated to be measured). Panelling for panelled and glazed shutters 25mm to 40mm thick: Pre-laminated with decorative lamination on both side exterior Grade - I MDF Board 8 mm thick confirming to IS:14587	sqm	2054.9	
90	Providing and fixing water proof Ply Wood 18mm thick as per the direction of EIC	sqm	2871.26	
91	Providing and fixing 50mm Dia stainless steel rings at the bottom of SS railing as per the direction of EIC	Each	115.90	
92	Providing and fixing 65 mm Dia stainless steel rings at the bottom of SS railing as per the direction of EIC	Each	129.53	
93	Providing and fixing SS aldrops of size 250mm for ss railing as per the direction of EIC	Each	695.29	
94	Providing and fixing SS tower bolt of size 250mm for ss railing as per the direction of EIC	Each	627.13	
95	Providing MS Earth pit cover as per the direction of the EIC	Each	749.85	
96	Providing and fixing UPVC pipes (ISI marked pressure 10 Kg./sq.cm for 20 mm to 32mm OD and 6 Kg./sq.cm for OD 40mm to 160mm) including fittings (coupler, elbow etc.) and joining the pipes and fittings with adhesive solution all complete as per the direction and satisfaction of Engineer-in-Charge.	Mtr	980.81	
97	Providing and fixing PVC Ball valve of approved quality (screwed end) : 75 mm nominal bore Horizontal	Each	953.62	

Item No	Description of Items	Unit	Base Rate (Rupees)	
98	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes	KG	67.29	
99	With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	sqm	635.17	
100	Providing and fixing ceiling with 12mm thick bison pannel board i/c all accessories etc., as directed by EIC	sqm	1825.35	
101	Providing and fixing concealed flushing cistren of Model Neo 80MM FF & Drain setof Hindware.	Each	8103.21	
102	Providing and fixing CP brass paper holder of model No. F 880003 of hindware	Each	1546.11	
103	Providing and fixing UPVC pipes (ISI marked pressure 10 Kg./sq.cm for 20 mm to 32mm OD and 6 Kg./sq.cm for OD 40mm to 160mm) including fittings (coupler, elbow etc.) and joining the pipes and fittings with adhesive solution all complete as per the direction and satisfaction of Engineer-in-Charge. 100 mm Dia	Mtr	1787.94	
104	Fixing of Galvanised Iron/Aluminium sheets at all heights, levels using self drilling/self tapping SS screws with EPDM seal to complete i/c cutting to size and shape where required as per direction of Engineer In-charge. The rate shall be inclusive of all screws, seal, labour, scaffolding, machinery etc., but excluding cost of GI sheet/aluminium sheet, steel sections.	Sqm	130.55	
105	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying Fosroc Brushbond RFX in two coats to achieve 1mm thickness as per manufacturer specification. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry. [Note: Horizontal area shall be measured]	Sqm	2043.84	
106	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid of Hindware 92599 EWC WM Margo R Wall Mounted or equivalent i/c flush plate of Hindware CC77.5 or Equivalent C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required.	Each	17623.39	
107	Providing and fixing white vitreous china battery based infrared sensor operated urinal having pre & post flushing with water of Hindware 6002110 or equivalent including fixing to wall with suitable brackets all as per manufacturers specification and direction of engineer in- charge.	Each	29885.58	
108	Providing and fixing Urinal division plate / partitions with CP brass brackets of Hindware or equivalent 61001 screws, plugs etc., complete as per direction of Engineer In-Charge.	Each	8584.91	
109	Providing and fixing wash basin of size 510 x 450 mm of standard pattern of Hindware 100381549 WB-Venne Oval 51x45 - S White equivalent including painting of fittings and brackets as per direction of Engineer In-Charge.	Each	2209.50	
110	Providing and fixing Stainles Steel plate of 2 mm thick with required shape, size pattern etc., complete on Granite/Tile follooring as per direction of Engineer In-Charge.	sqm	6720.81	

Item No	Description of Items	Unit	Base Rate (Rupees)	
111	Providing and fixing UPVC pipes (ISI marked pressure 10 Kg./sq.cm for 20mm to 32mm OD and 6 Kg./sq.cm for OD 40mm to 160mm) including fittings (coupler, elbow etc.) and joining the pipes and fittings with adhesive solution all complete as per the direction and satisfaction of Engineer-in-Charge.	sqm	6865.31	
112	Providing and fixing UPVC ball valve (screwed) in water supply line, all complete as per direction of Engineer-in-Charge.	Each	4657.38	
113	Providing and fixing UPVC fittings of all size including dismantling old one and replacing with new one (Hex Nipple, Tees, Elbows, Collars, Nipple etc.) as directed by Engineer-in-charge.	Each	981.31	
114	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position all complete. Structural Steel provided by AAI.	KG	40.99	
115	Providing & Fixing of corrugated Galvanised Iron sheets confirming to IS 277:2003 at all heights, levels using self drilling/self tapping SS screws with EPDM seal to complete i/c cutting to size and shape where required as per direction of Engineer In-charge. The rate shall be inclusive of all screws, seal, labour, scaffolding, machinery etc., GI Sheet Thickness: 0.5 MM.	sqm	855.19	
116	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4m or 3.00 m apart and with 9 horizontal barbed wire, stud tied with suitable . clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with barbed wire of high tensile strength of 165 kg/sq.mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately) concertina coil / barbed wire provided by AAI.	Meter	65.90	
117	Providing and fixing in position pre-cast R.C.C. manhole cover of size 600x600x50mm including frame and edge binding of required shape all complete as per direction of Engineer In-charge.	Each	1440.52	
118	Painting of Taxiway, /Apron marking with retro reflective road marking paint of superior make of Apco track/ Fast track WBR 3427 of Asian paint or equivalent with Air/ Airless spray applications including the application of high index glass beads (TTB 1325 type III and having refractive index 1.90) of Potters make or equivalent . The painting shall be done for the existing Taxiway /Apron markings as per the recommended dimensions as per direction of Engineer -in-charge .The existing surface shall be cleaned thoroughly off dirt, dust, scales, oil grease etc. before application of the paint. (The painting to be applied should have a single coat coverage of @0.50 litre per sqm for paint and 500 grms per sqm for glass beads) One or more coats (Yellow)	sqm	687.35	

Item No	Description of Items	Unit	Base Rate (Rupees)	
119	Dismantling of damaged facia glazing of NITB of all heights upto 24m from ground including necessary boom lifter/scaffolding etc. Complete as per directions of the engineer in charge the approximate size of the glass is 1.2x2.8m. Item includes removal of Elliptical fins, pressure plate upto required height , complete removal of damaged Glass panel along with sub frame, gasket/sealant/ glass remains etc. handing over of serviceable material and safe disposal of unserviceable material. Item rate shall include cleaning the opening to meet the requirement for fixing the glass in opening and re fixing of elliptical fin & pressure plate with required SS bolts and Nuts etc. complete as per directions of the Engineer-in-charge.	SQM	13497.05	
120	Providing and fixing semi unitised Aluminium structural glazing on front side, rear side and aerobridges of building (Glazing of NITB of all heights upto 24m from ground including necessary boom lifter/scaffolding etc. Complete as per directions of the engineer in charge the approximate size of the glass is 1.2x2.8m) as per approved drawing with double insulated 30mm thick toughened glass (outer 8mm thick high performance toughened clear / green glass + 16mm air gap + inner 6mm thick toughened clear glass) using heavy duty aluminium extruded built up profiles. the outer glass shall be solar control, as well as thermal control, UV protected with high light transmission properties. The outer glass shall be heat reflective having solar control (SF - 0.20), U values (1.30 to 1.60 w/sqm.k), high light transmission (minimum 30%) with internal reflection (12 to 17%) and external reflection (13 to 20%) The standard glass panel shall be of size of 2875mm c/c in width and 1200mm c/c in height, shall be free from any scratch / tong marks. Glazing system shall be having fire stop cum smoke seal system wherever applicable. All components should be sealed for water proofing with weather silicon of Wacker / DOW corning / GE silicon with silicon joint movement minimum + 50% according to ASTM C - 920 (Silicon grade shall be used as per the manufacturers recommendations)	SQM	46327.03	
	All Screws, Nuts and washers used in the glazing shall be only stainless steel (S.S. Grade 304) and of approved make. The Hermetically sealed double glass unit shall be fixed to an aluminium sub frame with approved make / grade of structural silicone of required bite (structural silicon bite size shall no be less than 8mm) OR as per structural requirement / as per manufacturers recommendations (30mm thick glass unit shall be glazed in controlled factory conditions) with 6.4mm thick double adhesive Norton tape around the periphery of the glass unit and then glass unit shall be mounted on the curtain glazing main frame. All the glass panel joints in elevation shall be filled with approved grade of weather silicon with appropriate size of backer rod, using masking tape to avoid any stains of silicon on glass / aluminium framing, joints shall be uniform in concave shape in both vertical and horizontal directions and gap between two glass panels shall not exceed 16mm in width as per approved drawings and details or as per instruction of site in charge The above work shall be carried out by approved specialized Agency to the satisfaction of Engineer - in - charge.			

Item No	Description of Items	Unit	Base Rate (Rupees)	
121	Providing and fixing of toughened laminated glass 13.52 mm thick (6mm thick toughened clear glass +1.52mm thick P.V.B. Lamination + 6mm thick clear toughened glass) including necessary hardware, making holes in glass, toughening transport fixing etc. complete as approved drawing and directions of the engineer-in-charge. Overall glass area shall be measured in sqm for payment (cost of hardware is included in the item nothing extra shall be paid)	SQM	11588.37	
122	Repairs to joints in floor tiles by cutting the groove along the joints and filling the groove with epoxy mortar to arrest water seepage from joints in floor tiles, all complete as per direction of Engineer In-charge.	SQM	686.73	
123	Repairing of Concrete Surface (Corridors/Chajjas/Stair Case etc.): Removal of all loose concrete, providing anti corrosive treatment for exposed steel reinforcement such as cleaning the steel bars and applying NitoZinc Primer or equivalent on steel bars, applying bonding coat to the surface and plastering with Rendroc RG or equivalent complete as per the direction of Engineer Incharge.	SQM	2863.00	
124	Providing and fixing Polygranite/Polymarble sheet over vertical, horizontal surfaces complete as per direction of Engineer In-charge.	SQM	3024.36	
125	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid of Hindware 92599 EWC WM Margo R Wall Mounted or equivalent i/c flush plate of Hindware CC77.5 or Equivalent C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required.	Each	22948.25	
126	Providing and fixing UPVC pipes of 110 mm nominal dia including fittings (coupler, elbow etc.) and joining the pipes and fittings with adhesive solution all complete as per the direction and satisfaction of Engineer-in-Charge.	Meter	6861.66	
127	Providing and fixing ZOLOTO METAL ball valve (screwed) in water supply line, all complete as per direction of Engineer-in-Charge.	Each	23771.39	
128	Providing and fixing G.I pipe nipple of size 2" x 24" including dismantling old one and replacing with new one complete all as directed by Engineer-in-charge.	Each	704.47	
129	Providing and fixing G.I reducer of size 3" x 2" all complete as directed by Engineer-in-charge.	Each	490.73	
130	Maintaining AAI premises & Installations involving repairs & maintenance & attending to complaints /faults/breakdowns and taking rectification action, ensuring serviceability / satisfactory working condition of the systems, preventive maintenance, maintenance of records/documentations etc., as per the detailed specifications, terms & conditions covered under this contract on all days including sundays & holidays etc as required and specified in the tender conditions. (All required T&P will be provided by the agency and nothing extra payment shall be paid by AAI).	Month	142711.00	*

Item No	Description of Items	Unit	Base Rate (Rupees)	
131	Cost Adjustment for not providing Un skilled for a month in additional item no 119. [Percentage above/below quoted by contractor will not be applicable on this item]	Month	-19067.10	*
132	Cost Adjustment for not providing semi skilled for a month in additional item no 119 [Percentage above/below quoted by contractor will not be applicable on this item]	Month	-22257.05	*
133	Cost Adjustment for not providing skilled for a month in additional item no 119 [Percentage above/below quoted by contractor will not be applicable on this item]	Month	-26788.20	*
134	Providing unskilled/semi skilled workers for temporary nature of works/works unsuceptable to measure as and when required including necessary T&P. [Percentage above/below quoted by contractor will not be applicable on this item]			
	a) Skilled	Per Day	892.94	*
	b) Semi-Skilled	Per Day	741.90	*
	c) Un-skilled	Per Day	635.57	*
*	Percentage rate not applicable on this item. The rates shown here only shall be payable			

Subasish
22/03/20