



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

सं/No: AAI/BG/ENGG(C)/Toilet Renovation/Gagan/W- 16/2025-26 | 4211- दि/ dt : 12.01.2026
4221 By Hand/Email

सेवा में,
M/s एस2एच पावर सॉल्यूशंस प्राइवेट लिमिटेड,
नंबर 1, पापिरेड्डी गारी पल्ली,
हसनपुरम गाँव,
कडपा, वाईएसआर जिला, कडपा,
आंध्र प्रदेश - 516504

To,
M/s S2H Power Solutions Pvt Ltd,
No.1, PAPIREDDY GARI PALLI,
HASANAPURAM VILLAGE,
Cuddapah, YSR District, Kadapa
Andra Pradesh – 516504.

कार्य का नाम: "विविध सिविल कार्य एसएच: गगन कॉम्प्लेक्स, एएआई, बेंगलूर में शौचालयों का नवीनीकरण (सिविल और इलेक्ट्रिकल कार्य)"।

Name of Work: "Miscellaneous Civil Works SH: Renovation of Toilets in GAGAN Complex, AAI, Bangalore (Civil and Electrical)".

ई नीविधा सांच्या / Tender I.D. No. 2025_AAI_245581_1.

संदर्भ /Ref : दिनांक 02.12.2025 को खोली गई ई -निविदा /Your E-Tender opened on 02.12.2025.

महोदय/Dear Sir,

1. ऊपर उल्लिखित कार्य के लिए आपका ई-निविदा द्वारा उद्धृत आइटम दरों कुल राशि Rs 30,33,367.88/- (केवल तीस लाख तैंतीस हजार तीन सौ अड़सठ रुपये) (जीएसटी को छोड़कर) की राशि के लिए जोकी अनुमानित लागत के कुल राशि Rs 32,09,812/- से 5.50% नीचे हैं और अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकार किया जाता हैं।

Your E-tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India at the item rates quoted by totaling to Rs. 30,33,367.88/- (Rupees Thirty Lakhs Thirty-Three Thousand Three Hundred and Sixty-Seven and Paise Eighty-Eight only) (Excluding GST) which is **5.50% below** the Estimated cost put to tender of Rs. 32,09,812/-.

2. सहायक महाप्रबंधक (इंजी-सिविल), एएआई, बेंगलूर एयरपोर्ट कार्य के प्रभारी अभियंता होंगे। आपसे अनुरोध है कि आप सहायक महाप्रबंधक (इंजी-सिविल), एएआई, बेंगलूर एयरपोर्ट, बेंगलूर के कार्यालय में अनुबंध करार पर हस्ताक्षर करने और अनुबंध पूरा करने के लिए 19.01.2026 तक उपस्थित हों। कॉन्ट्रैक्ट एग्रीमेंट को 100 / (केवल सौ रुपये) के मूल्य के गैर-न्यायिक स्टॉप पेपर पर निष्पादित किया जाएगा और स्टैंप पेपर की लागत आपके द्वारा वहन की जाएगी।

Asst. General Manager (Engg-Civil), AAI, Bangalore Airport, shall be the Engineer-In-charge of the work. You are requested to attend the office of Asst. General Manager (Engg-Civil), AAI, Bangalore Airport by 19.01.2026 to sign and complete the contract agreement. The Contract Agreement shall be executed on a non-judicial stamp paper of value Rs 100/- (Rupees Hundred only) and the cost of the stamp paper shall be borne by you.

3. आपसे अनुरोध है कि आप इस पत्र के जारी होने की तारीख से 10 दिनों के भीतर सिक्योरिटी डिपॉजिट के संदर्भ में कृपया रु Rs. 3,03,337/- (तीन लाख तीन हजार तीन सौ सेव्वेन सैंतीस) जमा करें. ऐसे न करने पर जो अनुबंध क्लॉज-1 ए, पेज नंबर जीसीसी-16 की सामान्य शर्तों के अनुसार आपके चल रहे बिलों से घटाया जाएगा।

Please deposit Rs. 3,03,337/- (Rupees Three Lakhs Three Thousand Three Hundred and Thirty-Seven only) towards security deposit within 10 days from the date of issue of this letter failing which the same will be deducted from your running bills as per General conditions of Contract Clause No-1A, Page No. GCC-16 of contract document.

4. आपसे अनुरोध है कि 1970 के अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम के प्रावधानों और अनुबंध श्रम (विनियमन और उन्मूलन) केंद्रीय नियम 1971 बाल श्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण श्रमिक (रोजगार और सेवा की स्थिति का विनियमन) अधिनियम 1996, भवन और अन्य निर्माण श्रमिक A-173 कल्याण उपकर अधिनियम 1996 जैसा कि पृष्ठ संख्या 19 पर खंड 19 में निर्दिष्ट है। टेंडर के जीसीसी और केंद्र और राज्य सरकार के नियम में निर्दिष्ट है

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 Condition of Service) Act 1996, Building and other construction Workers A-173 Welfare Cess Act 1996 as specified in Clause 19 on page no: 49 of GCC of tender and rules of Central and State Government.

5. आपको प्रबंधक (इंजी-सी), एएआई, बेंगलोर हवाईअड्डा से संपर्क करने के लिए भी निर्देशित किया जाता है, जो तुरंत आपको साइट सौंपने की व्यवस्था करेगा।

You are also directed to contact Manager (Engg-C), AAI, Bangalore Airport immediately who will arrange to hand over the site to you.

6. कृपया ध्यान दें निविदा के अनुसार कार्य पूरा करने के लिए समयावधि 03 (तीन) महीने और इसकी गणना इस पत्र के जारी होने के 10वें दिन से की जाएगी।

Please note that the time allowed for carrying out the work is 03 (Three) Months as entered in the tender shall be reckoned from the 10th day after issue of this letter.

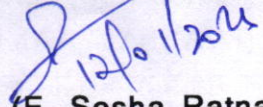
7. अनुबंध के संबंध में आगे कोई पत्राचार आम तौर पर प्रभारी अभियंता (इंजी-सिविल), एएआई, बेंगलोर एयरपोर्ट (एचएएल), बेंगलोर -560017 को संबोधित किया जाना चाहिए।

Any further correspondence in connection with the contract should normally be addressed to the Engineer-In-Charge (Engg-Civil), AAI, Bangalore Airport (HAL), Bangalore-560017.

8. कृपया कार्य - आदेश स्वीकार करें और इस पत्र प्रति प्रतिलिपि हस्ताक्षर करने के बाद स्वीकृति के टोकन के रूप में अधोहस्ताक्षरी को संलग्न करें।

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,



ई शेषारत्नम (E. Sessa Ratnam)

सहायक महाप्रबंधक (इंजी-सिविल)

Asst. General Manager (Engg- Civil)

भारतीय विमान पत्तन प्राधिकरण/Airports Authority of India,

बैंगलोर हवाई अड्डा /Bangalore Airport,

अध्यक्ष, भाविप्रा के लिए एवं उनकी ओर से

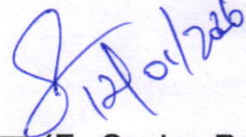
For and on behalf Chairman, Airports Authority of India

संलग्नक/Encl : अनुसूची-ए/Schedule-A - Bill of Quantities.

N.O.O:-

कृपया सूचनार्थ / Copy for information to:-

1. महाप्रबंधक (सामान्य-प्रभारी), भाविप्रा, बेंगलूर हवाई अड्डा
GM(CIC), AAI, Bangalore Airport.
2. महाप्रबंधक (ATM), भाविप्रा, बेंगलूर हवाई अड्डा
GM(ATM), AAI, Bangalore Airport.
3. सं. महाप्रबंधक (वित्त) भाविप्रा, बेंगलूर हवाई अड्डा
DGM (F&A), SAU, AAI, Bangalore Airport
4. संयुक्त महाप्रबंधक (सतर्कता), भाविप्रा, दक्षिणी क्षेत्र, चेन्नई हवाई अड्डा
Jt.GM (Vigilance), AAI, S/R, Chennai Airport
5. उप महाप्रबंधक (इंजी- सि), भाविप्रा, बेंगलूर हवाई अड्डा
DGM (E-C), AAI, Bangalore Airport.
6. श्रम आयुक्त (केंद्रीय), श्रम सदन, यशवंतपुर, गोरगुंटे पालया, टुमकुर रोड, बेंगलूर-22
Labour Commissioner (Central), ShramSadan, Yeshwanthpur, Goraguntepalaya, Tumkur Road, Bangalore - 22
7. भविष्य निधि संगठन, बेंगलूर/ Provident Fund Organization, Annapoorneshwari Complex, No.37/1, 6th Main, Bangalore - 560068
8. कर्मचारी राज्य बीमा निगम/ Employees State Insurance Corporation, Sub Regional Office, Bangalore North (Peenya), Harini Towers, 3rd Cross, 3rd Main, Off. Ring Road Near (F.T.I), IInd Stage Industrial. Suburb. Yeshwanthpur, Bangalore - 560022
9. सहायक प्रबंधक (इंजीनियरी-सिविल) भाविप्रा, बेंगलूर हवाई अड्डा
Asst Mgr (E-C), AAI, Bangalore
10. करार फाईल/ Agreement File
11. भाविप्रा वेबसाइट/ AAI Website


ई शेषारत्नम (E. Sessa Ratnam),
सहायक महाप्रबंधक (इंजी सिविल)
Asst. General Manager (Engg- Civil),
भारतीय विमान पतन प्राधिकरण/Airports Authority of India,
बेंगलोर हवाई अड्डा /Bangalore Airport

SCHEDULE-A						
Bill of Quantities						
Name of Work:- "Miscellaneous Civil Works SH: Renovation of Toilets in GAGAN Complex, AAI, Bangalore (Civil and Electrical works)"						
Tender Reference Id- 2025_AAI_245581_1						
Sl No	Description of item	Unit	Qty	Quoted Rate	Quoted Amount in figures	Quoted Amount in Words
1	SH: 1 CIVIL WORKS Demolishing cement concrete manually/ by mechanically means including disposal of material within 50 meters lead as per the direction of Engineer - in- charge. Nominal concrete 1:3:6 or richer mix (i/e equivalent design mix)	Cum	19.77	2000.00	₹ 39,540.00	Rupees Thirty Nine Thousand Five Hundred Forty Only
2	Taking out existing wooden door shutter, repair by cutting, painting etc. and refixing of repaired door shutters to existing door frames, including replacement of hinges with screws, etc. as required, all complete as per the direction of the Engineer-in-charge.	Each	9.00	400.00	₹ 3,600.00	Rupees Three Thousand Six Hundred Only
3	Making chases up to 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc.	metre	81.00	180.00	₹ 14,580.00	Rupees Fourteen Thousand Five Hundred Eighty Only
4	Dismantling 15 to 40 mm dia G.I. pipe including stacking of dismantled pipes (with in 50 metres lead) as per direction of Engineer-In-Charge. (a) Internal Work- Exposed on wall	metre	81.00	2.00	₹ 162.00	Rupees One Hundred Sixty Two Only
5	Demolishing brick work manually/by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per the direction of Engineer-In-charge in cement mortar	Cum	5.15	1500.00	₹ 7,725.00	Rupees Seven Thousand Seven Hundred Twenty Five Only
6	Dismantling doors, windows and clerestory windows(steel or wood) shutter including chowkats, architrave, holdfasts etc. complete and stacking within 50 metres lead: Of area 3 sqmetres and below	Each	18.00	300.00	₹ 5,400.00	Rupees Five Thousand Four Hundred Only
7	Dismantling tile work in floors and roofs laid in cement mortar including stacking serviceable material within 50 metres lead: For thickness of tiles 10mm to 25mm	Sqm	374.49	50.00	₹ 18,724.38	Rupees Eighteen Thousand Seven Hundred Twenty Four point Thirty Eight Paise Only
8	Dismantling of flushing cistern of all types (CI/PVC/Vitreous china) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead	Each	9.00	100.00	₹ 900.00	Rupees Nine Hundred Only
9	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in- Charge.	Each	30.00	100.00	₹ 3,000.00	Rupees Three Thousand Only
10	Providing and laying water proofing treatment in sunken portion of WCs,bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : (a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	Sqm	78.22	580.00	₹ 45,365.28	Rupees Forty Five Thousand Three Hundred Sixty Five point Twenty Eight Paise Only

Sl No	Description of item	Unit	Qty	Quoted Rate	Quoted Amount in figures	Quoted Amount in Words
11	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing: 1:2:4 (1 Cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	Cum	6.29	7500.00	₹ 47,175.00	Rupees FortySeven Thousand One Hundred SeventyFive Only
12	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand)	sqm	14.40	1000.00	₹ 14,400.00	Rupees Fourteen Thousand Four Hundred Only
13	CEMENT PLASTER (IN COARSE SAND) 12 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand).	sqm	16.84	270.00	₹ 4,546.80	Rupees Four Thousand Five Hundred Forty Six point Eighty Paise Only
14	15 mm cement plaster on rough side of single or half brick wall of mix: 1:4 (1 cement: 4 coarse sand)	sqm	271.62	350.00	₹ 95,067.14	Rupees Ninety Five Thousand Sixty Seven point Fourteen Paise Only
15	Providing and fixing white vitreous china wall mounted water closet of Jaquar/Euronics/Hindware/Cera or its Equivalent of approx. size 520x380x350 of approved shape including providing & fixing Concealed Cistern with Dual Flush fitting, of flushing capacity 3 litre/ 6 litre (adjustable to 4 litre/ 8 litres), including seat cover, and cistern fittings, nuts, bolts and gasket etc complete.	Each	13.00	14000.00	₹ 182,000.00	Rupees One Lakh Eighty Two Thousand Only
16	Providing and fixing white vitreous china battery based infrared sensor operated urinal of Jaquar/Euronics/Hindware/Cera or its Equivalent approx. size 610 x 390 x 370 mm having pre & post flushing with water (250 ml & 500 ml consumption), having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge.	Each	14.00	7500.00	₹ 105,000.00	Rupees One Lakh Five Thousand Only
17	Providing and fixing toilet paper holder: CP brass of Jaquar/Euronics/Hindware/Cera or its Equivalent.	Each	13.00	750.00	₹ 9,750.00	Rupees Nine Thousand Seven Hundred Fifty Only
18	Providing and fixing unplasticised PVC connection pipe with brass unions: 45cm length 15mm nominal size	Each	33.00	95.00	₹ 3,135.00	Rupees Three Thousand One Hundred ThirtyFive Only
19	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Semi rigid pipe 32 mm dia	Each	12.00	100.00	₹ 1,200.00	Rupees One Thousand Two Hundred Only
20	Providing and fixing CP brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931: 15mm nominal bore	Each	46.00	500.00	₹ 23,000.00	Rupees Twenty Three Thousand Only
21	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge	Each	34.00	100.00	₹ 3,400.00	Rupees Three Thousand Four Hundred Only

SI No	Description of item	Unit	Qty	Quoted Rate	Quoted Amount in figures	Quoted Amount in Words
22	Providing and fixing CP brass bib cock of approved quality conforming to IS 8921: 15mm nominal bore	Each	13.00	450.00	₹ 5,850.00	Rupees Five Thousand Eight Hundred Fifty Only
23	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 20 mm nominal dia Pipes	Metre	81.00	500.00	₹ 40,500.00	Rupees Fourty Thousand Five Hundred Only
24	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 15 mm nominal dia Pipes	Metre	15.00	400.00	₹ 6,000.00	Rupees Six Thousand Only
25	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc. complete at all levels. Granite stone slab of colour black, Cherry/Ruby red Area of slab over 0.50 sqm. Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble	Sqm	10.80	5000.00	₹ 54,000.00	Rupees FiftyFour Thousand Only
26	Extra for providing opening of required size & shape for wash basin/ Kitchen sink in kitchen platform, vanity counter and similar location in marble/Granite/stone work, including necessary holes for pillars taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	Each	20.00	930.00	₹ 18,600.00	Rupees Eighteen Thousand Six Hundred Only
27	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the Manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	Sqm	328.24	1125.00	₹ 369,274.28	Rupees Three Lakh Sixty Nine Thousand Two Hundred Seventy Four Paise Twenty Eight Only
28	Steel reinforcement for R.C.C. work ready to use "cut and bend" rebars of approved make from factory/workshop to construction site including placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	74.60	90.00	₹ 6,714.00	Rupees Six Thousand Seven Hundred Fourteen Only
29	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	0.72	10500.00	₹ 7,560.00	Rupees Seven Thousand Five Hundred Sixty Only

Sl No	Description of item	Unit	Qty	Quoted Rate	Quoted Amount in figures	Quoted Amount in Words
30	Centering and shuttering including strutting, propping etc. and removal of form for Shelves (Cast in situ)	sqm	8.88	800.00	₹ 7,104.00	Rupees Seven Thousand One Hundred Four Only
31	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.	Sqm	123.00	1300.00	₹ 159,900.00	Rupees One Lakh Fifty Nine Thousand Nine Hundred Only
32	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors: 100 mm inlet and 100 mm outlet Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905	Each	13.00	800.00	₹ 10,400.00	Rupees Ten Thousand Four Hundred Only
33	Providing and fixing soil, waste and vent pipes :75 mm dia Hubless centrifugally cast (spun) iron pipes epoxy coated inside & outside IS:15905	metres	21.00	900.00	₹ 18,900.00	Rupees Eighteen Thousand Nine Hundred Only
34	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete. 75 mm dia Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905	Each	12.00	400.00	₹ 4,800.00	Rupees Four Thousand Eight Hundred Only
35	Providing and fixing plain bend of required degree. 75 mm dia Hubless centrifugally cast (spun) iron pipes epoxy coated inside & outside IS:15905	Each	12.00	200.00	₹ 2,400.00	Rupees Two Thousand Four Hundred Only
36	Providing and fixing single equal plain junction of required degree : 75x75x75 mm Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905	Each	6.00	300.00	₹ 1,800.00	Rupees One Thousand Eight Hundred Only
37	Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including cost of cutting holes and making good the walls etc. : For 75 mm dia pipe	Each	6.00	300.00	₹ 1,800.00	Rupees One Thousand Eight Hundred Only
38	Providing and fixing single equal plain invert branch of required degree : 75x75x75 mm Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905	Each	6.00	350.00	₹ 2,100.00	Rupees Two Thousand One Hundred Only
39	Providing and fixing soil, waste and vent pipes :100 mm dia Hubless centrifugally cast (spun) iron pipes epoxy coated inside & outside IS:15905	metres	18.00	1050.00	₹ 18,900.00	Rupees Eighteen Thousand Nine Hundred Only
40	Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including cost of cutting holes and making good the walls etc. : For 100 mm dia pipe	Each	12.00	300.00	₹ 3,600.00	Rupees Three Thousand Six Hundred Only
41	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete. 100 mm dia Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905	Each	6.00	500.00	₹ 3,000.00	Rupees Three Thousand Only

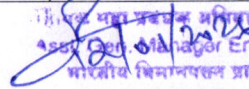
Sl No	Description of item	Unit	Qty	Quoted Rate	Quoted Amount in figures	Quoted Amount in Words
42	Providing and fixing plain bend of required degree. 100 mm dia Hubless centrifugally cast (spun) iron pipes epoxy coated inside & outside IS:15905	Each	6.00	300.00	₹ 1,800.00	Rupees One Thousand Eight Hundred Only
43	Providing and fixing single equal plain junction of required degree : 100x100x100 mm Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905	Each	6.00	500.00	₹ 3,000.00	Rupees Three Thousand Only
44	Providing and fixing single equal plain invert branch of required degree : 100x100x100 mm Hubless centrifugally cast (spun) iron epoxy coated inside & outside as per IS:15905	Each	6.00	600.00	₹ 3,600.00	Rupees Three Thousand Six Hundred Only
45	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with : 12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- (Part I) :2011 (Board with BIS certification marks)	Sqm	23.52	1250.00	₹ 29,400.00	Rupees Twenty Nine Thousand Four Hundred Only

Sl No	Description of item	Unit	Qty	Quoted Rate	Quoted Amount in figures	Quoted Amount in Words
46	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge. 12.5 mm thick square edge PVC Laminated Gypsum Tile of size 595x595 mm, made of Gypsum plasterboard, manufactured from natural gypsum as per IS 2095 part I and laminated with white 0.16mm thick fire retardant PVC film on the face side and 12micron metalized polyester on the back side with all edges sealed with the face side PVC film which goes around and wraps the edges and is bonded to the edges and the back side metalized polyester film so as to make the tile a	Sqm	48.96	2000.00	₹ 97,920.00	Rupees Ninety Seven Thousand Nine Hundred Twenty Only
47	Providing and fixing factory made solid Foam uPVC profile for kitchen cabinet frame (45 x 20 mm) of approved shade, quality and make. The profile shall be laminated on both sides, made from rigid foam sheets (Single extruded) having density 600 Kg/cum and the exposed edges sealed with PVC edge beading of same shade and colour. The frame shall be fire retardent with necessary screw holding capacity. Frame shall be fixed to wall using Expendable Fastner with necessary stainless steel screws, all complete as per direction of Engineer-in-charge.	metre	79.20	400.00	₹ 31,680.00	Rupees Thirty One Thousand Six Hundred Eighty Only
48	Providing and fixing factory made Kitchen Cabinet Shutter/Partition 20 mm nominal thickness of approved shade, quality and make, made from rigid foam sheets (Single extruded) having density 600 Kg/cum and laminated on both side by laminate Sheet/PVC foil lamination. The exposed edges shall be sealed with PVC edge beading of same shade and colour. The shutter shall be fire retardent having necessary screw holding capacity. Shutter shall be fixed to frame using approved hinges with necessary stainless steel screws, all complete as per direction of Engineer-in-charge.	sqm	20.16	5000.00	₹ 100,800.00	Rupees One Lakh Eight Hundred Only
49	Providing and fixing concealed hinge of approved quality for 19-20 mm thick door with stainless steel screws complete :	Each	48.00	100.00	₹ 4,800.00	Rupees Four Thousand Eight Hundred Only
50	Providing and laying Cinder in the toilet floor for water proofing treatment as per Direction of Engineer in charge.	Cum	6.29	3000.00	₹ 18,870.00	Rupees Eighteen Thousand Eight Hundred Seventy Only

Sl No	Description of item	Unit	Qty	Quoted Rate	Quoted Amount in figures	Quoted Amount in Words
51	Providing and fixing Under Counter Wash basin of Jaquar/Euronics/Hindware/Cera or its Equivalent with C.I. brackets, 15 mm C.P. brass Auto closing pillar tap , 32 mm C.P brass waste pop up type of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required. White Vitreous China Wash basin size 570mm X 420 mm with a single 15 mm C.P. brass pillar tap	Each	19.00	3000.00	₹ 57,000.00	Rupees Fifty Seven Thousand Only
52	Providing and fixing mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Sqm	21.60	2000.00	₹ 43,200.00	Rupees Forty Three Thousand Two Hundred Only
53	Providing and fixing Health Faucet of Jaquar/Euronics/Hindware/Cera or its Equivalent. along with 1 m long tube with Wall Hook.	Each	13.00	720.00	₹ 9,360.00	Rupees Nine Thousand Three Hundred Sixty Only
54	Providing and fixing Stainless Steel towel ring circular/trapezoidal shape Jaquar (Model No. ACN-CHR-1121BN) or its equivalent.	Each	12.00	600.00	₹ 7,200.00	Rupees Seven Thousand Two Hundred Only
55	Providing and fixing Automatic Soap dispenser of Jaquar (Model No. SDR-BLC-DJ0160ASN) or its equivalent.	Each	8.00	2500.00	₹ 20,000.00	Rupees Twenty Thousand Only
56	Providing and fixing Automatic Paper Towel dispenser of Jaquar (Model No. PTD-SAP-DT0106CSN) or its equivalent.	Each	10.00	4000.00	₹ 40,000.00	Rupees Forty Thousand Only
57	Providing and fixing Stainless Steel grating of approved quality and colour. Circular type 100 mm nominal dia	Each	13.00	100.00	₹ 1,300.00	Rupees One Thousand Three Hundred Only
58	Supplying and Installing Modular Toilet Cubicles comprising of 18 mm HPL Boards of single standard compact colour in partition walls and doors. Size of the cubicle shall be 1400 mm x 1650 mm x 2100 mm (H), Door Size 1995 mm x 600 mm along with necessary Stainless Steel SS(304) fittings like a) SS "U" Channel SS "F" Channel ,SS Door Stopper Channel,SS Coat Hook,SS Privacy Thumb turn c/w Occupancy Indicator, SS Door Knob, SS Spring Loaded Butt Hinges with Cover, SS Shoe Box - 316 Grade, Rubber Lining for Door Stopper, Screws & Wall Plugs etc as per the directions of EIC.	Nos	14.00	50000.00	₹ 700,000.00	Rupees Seven Lakh Only
59	Providing and fixing Curved shaped urinal partition with frosted glass of thickness 10 mm of Jaquar/Euronics/Hindware/Cera or its Equivalent.	Each	17.00	2500.00	₹ 42,500.00	Rupees Forty Two Thousand Five Hundred Only
60	Credit Items for taking away the dismantled Materials and disposal outside Office premises of GAGAN Complex as per direction of Engineering-Charge. A) Doors, windows and clerestory windows	Each	18.00	300.00	₹ -5,400.00	Four Hundred
61	Credit Item for Taking away the dismantled materials outside Office premises of GAGAN Complex 15 to 40 mm dia G.I. pipe as per direction of Engineering-Charge.	metre	81.00	20.00	₹ -1,620.00	Six Hundred Twenty
62	Credit Items for taking away by the contactor the dismantled Materials and disposal outside Office premises of GAGAN Complex as per direction of Engineering-Charge. A) Flushing cistern of all types (CI/PVC/Vitreous china)	Each	9.00	68.00	₹ -612.00	Six Hundred Twelve
63	Credit Items for (taking away by the contactor the dismantled Materials and disposal outside Airport premises. A) Toilet Paper Holder	Each	13.00	6.00	₹ -78.00	Seventy Eight
64	Credit Items for (taking away by the contactor the dismantled Materials and disposal outside Airport premises. A) Health Faucet-jaguar	Each	13.00	13.00	₹ -169.00	One Hundred Sixty Nine

Sl No	Description of item	Unit	Qty	Quoted Rate	Quoted Amount in figures	Quoted Amount in Words
65	Credit Items for (taking away by the contactor the dismantled Materials and disposal outside Airport premises. A) C.P. Soap dispenser	Each	10.00	10.00	₹ -100.00	One Hundred
66	Credit Items for (taking away by the contactor the dismantled Materials and disposal outside Airport premises. A) CP Brass Bottle Trap	Each	34.00	34.00	₹ -1,156.00	One Hundred Fifty Six
67	Credit Items for (taking away by the contactor the dismantled Materials and disposal outside Airport premises. A) 15 mm C.P. brass Auto closing pillar tap/32 mm C.P brass waste pop	Each	19.00	19.00	₹ -361.00	Three Hundred Sixty One
68	Credit Items for (taking away by the contactor the dismantled Materials and disposal outside Airport premises. A) 32 mm C.P brass Waste Coupling	Each	6.00	6.00	₹ -36.00	Thirty Six
69	Credit Items for (taking away by the contactor the dismantled Materials and disposal outside Airport premises. A) 15 mm C.P. brass Stop Cock	Each	6.00	6.00	₹ -36.00	Thirty Six
70	Credit Items for (taking away by the contactor the dismantled Materials and disposal outside Airport premises. A) CP Brass bib cock	Each	6.00	6.00	₹ -36.00	Thirty Six
71	Credit Items for (taking away by the contactor the dismantled Materials and disposal outside Airport premises. A) soil, waste and vent pipes	metres	21.00	21.00	₹ -441.00	Four Hundred Fourty One
72	SH-II ELECTRICAL WORKS Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed FRLS PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. (Group C)	Each	12.00	1400.00	₹ 16,800.00	Rupees Sixteen Thousand Eight Hundred Only
73	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed FRLS PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc as required.(Group C)	Each	36.00	850.00	₹ 30,600.00	Rupees Thirty Thousand Six Hundred Only
74	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class FRLS PVC conduit as required a) 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	metres	40.00	250.00	₹ 10,000.00	Rupees Ten Thousand Only
75	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class FRLS PVC conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	metres	90.00	325.00	₹ 29,250.00	Rupees Twenty-Nine Thousand Two Hundred Fifty Only
76	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	metres	60.00	125.00	₹ 7,500.00	Rupees Seven Thousand Five Hundred Only
77	Supplying and fixing suitable size GI box with modular plate and cover in on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch with indicator, connection etc. as required	Each	10.00	650.00	₹ 6,500.00	Rupees Six Thousand Five Hundred Only

Sl No	Description of item	Unit	Qty	Quoted Rate	Quoted Amount in figures	Quoted Amount in Words
78	Supply of Recess mounted LED downlight luminaire (Round Profile) having minimum 1800 lumen output complete with electronic driver, made out of powder coated CRCA/Aluminium housing suitable for operation on 230 Volt, 50 HZ AC complete as per technical specifications and with Five (5) year manufacturer warranty (for complete assembly) (Halonix HLDLR-R06-18-CW/Bajaj BGSLO Sleek Recess RD 18W WH LED or its equivalent from the list of preferred makes)	Each	32.00	950.00	₹ 30,400.00	Rupees Thirty Thousand Four Hundred Only
79	Supply of 2 feet batten type LED light having minimum 1000 lumen output complete with electronic driver, made out of Aluminium die cast housing suitable for operation on 230 Volt, 50 Hz AC complete. (Halonix HLTLD-04-10-CW/BCLSB 10W WH or equivalent from list of preferred makes)	Each	16.00	300.00	₹ 4,800.00	Rupees Four Thousand Eight Hundred Only
80	Installation, testing and commissioning of pre-wired, compact LED fitting of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	Each	16.00	200.00	₹ 3,200.00	Rupees Three Thousand Two Hundred Only
81	Installation, testing and commissioning of recessed type LED fittings of all types complete with all accessories like GI chain etc. including modification/cutting/finishing of existing cutouts of gypsum false ceiling to install the new fittings, connection with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. complete as required as per actual site requirements.	Each	32.00	180.00	₹ 5,760.00	Rupees Five Thousand Seven Hundred Sixty Only
82	Supply and Installation of Automatic Hand Driers made of stainless steel body suitable for low/moderate traffic with drying time ≤ 30sec, Noise level ≤ 65 dB etc suitable for operation on 230V, 50Hz AC supply complete all other accessories suitable for wall mounting.	Each	4.00	9700.00	₹ 38,800.00	Rupees Thirty Eight Thousand Eight Hundred Only
83	Supply, Installation, Testing & Commissioning of In-line Direct Driven, SISW/DIDW forward curved centrifugal cabinet fan of following capacity with suitable motor with ducting from fan outlet, necessary supports / hanging arrangements etc for toilet exhaust complete in all respects as per specifications and as per the direction of the Engineer-in-charge. 1500 CFM with 25mm wg external static pressure.	Each	2.00	30000.00	₹ 60,000.00	Rupees Sixty Thousand Only
84	Design, Supply, fabrication, handling and erection of ducting as per specifications and approved drawings complete with all fittings such as tees, bends and accessories etc. as required including providing suitable suspension and supporting arrangements etc., as required as per IS-655. 24 Gauge	Sqm	200.00	1000.00	₹ 200,000.00	Rupees Two Lakh Only
85	Supply and fixing the following type machine made, powder coated aluminium grills as per specifications and as per approved drawings and in accordance with site conditions etc., as reqd. Grille without VCD	Sqm	2.00	5000.00	₹ 10,000.00	Rupees Ten Thousand Only
86	Supply and fixing of low leakage non-return Gravity operated backdraft dampers made out of 20G 'C' channel frame and 22G GI blades, with blade edge seal and side seals at discharge side of exhaust fan to avoid air reverse from shaft	Sqm	1.00	6500.00	₹ 6,500.00	Rupees Six Thousand Five Hundred Only
	TOTAL				₹ 3,033,367.88	Rupees Thirty Lakh Thirty Three Thousand Three Hundred Sixty Seven Paise Eighty Eight Only


 Assistant Engineer (Civil)
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