



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA



संदर्भ संख्या: AAI/PUNE/ENGG-CIVIL/G+2 OFFICES/2022-23/170

दिनांक: 09.11.2022

सेवा में,
मेसर्स प्राइम कंस्ट्रक्शन
ए-103, श्री गणेश अपार्टमेंट,
कोतवाल नगर, रिंग रोड, नागपुर,
महाराष्ट्र- 440022

To,
M/s Prime Construction
A-103, Shree Ganesh Apt, Kotwal Nagar,
Ring Road, Nagpur,
Maharashtra - 440022

विषय:- पुणे हवाई अड्डे पर मौजूदा टर्मिनल भवन के एप्रोच रोड को स्थानांतरित करने की सुविधा के लिए 0.74 एकड़ भूमि पर विविध सिविल कार्य।

उप शीर्ष: भाविप्रा एवं सीआईएसएफ ऑफिस, कैंटीन, इलेक्ट्रिकल पैनल/ मीटर रूम विद्युत कार्य सहित समायोजित करने के लिए दो मंजिला इमारत का निर्माण कार्य।

Name of Work:- Misc. Civil works on 0.74 acres of land to facilitate to shifting of Approach Road of the existing Terminal Building at Pune Airport.

Sub Head : Construction of G+2 building to accommodate AAI & CISF Offices, Canteen, Electrical Panel/ Metering Room including Electrical works etc.

संदर्भ: ई-टेंडर आई डी नं. 2022_AAI_129084_1, दिनांक 25.10.2022 को वित्तीय बोली खोला गया।
E- Tender ID No. 2022_AAI_129084_1 Financial bid opened on 25.10.2022.

महोदय/ Dear Sir,

- ऊपर उल्लेखित कार्य हेतु आपका टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से स्वीकृत किया जाता है, आपके द्वारा दिए गए मद मूल्यो (शैड्यूल-ए संलग्न) पर आपकी टेंडर राशि कुल रु. **2,02,74,970/-** (दो करोड़ दो लाख चौहत्तर हजार नौ सौ सत्तर रुपए मात्र) **जीएसटी को छोड़कर** है जो कि टेंडर की अनुमानित लागत राशि रु. **2,59,20,270/-** से **21.78 %** कम है।

Your tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India at the item rates quoted by you (enclosed as Schedule-‘A’) totaling **Rs. 2,02,74,970/-** (Rupees Two crores Two Lakhs Seventy-Four Thousand Nine Hundred Seventy Only) **excluding GST** which is **21.78 %** below the estimated cost put to tender of **Rs. 2,59,20,270/-**

- संयुक्त महाप्रबंधक, अभि (सिविल), भा वि प्रा पुणे विमान क्षेत्र कार्य के प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप आपकी ओर से एक विश्वसनीय प्रतिनिधि नियुक्ति करें जो करारनामे पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक **23.11.2022** को संयुक्त महाप्रबंधक, अभि (सिविल), पुणे एयरपोर्ट के कार्यालय में उपस्थित हो तथा करारनामे को पूरा करें। ठेके का करारनामा रु. **100/-**

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P-1

महाप्रबंधक(अभि-परि) कार्यालय पुणे विमानतल, पुणे-411032 दूरध्वनी: (020)-26687271 ई-मेल: gmenggprjpune@aai.aero	महाप्रबंधक(अभि-परि) कार्यालय पुणे हवाईअड्डा, पुणे-411032 दूरभाष: (020)-26687271 ई-मेल: gmenggprjpune@aai.aero	O/o General Manager(Engg-Proj.) Pune Airport, Pune-411032 Phone: (020)-26687271 E-mail- gmenggprjpune@aai.aero
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सी. के. दत्त
09/11/22



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA



नानज्यूडिसियल स्टाम्प पेपर पर निष्पादित किया जाएगा तथा स्टाम्प पेपर का खर्च आपके द्वारा उठाया जायगा।

Jt. Gen. Manager (Engg-C), AAI, Pune Airport shall be the Engineer-In-Charge of the work. You are requested to depute your accredited representative, empowered to sign the contract agreement on your behalf, to attend the office of the Jt. Gen. Manager (Engg-C), AAI, Pune Airport by **23.11.2022** to sign and complete the 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.

- आपके टेंडर के साथ प्राप्त धरोदर राशि **5,18,405/-** (पांच लाख अठारह हजार चार सौ पांच रुपये मात्र) ठेके के दस्तावेज़ के पृष्ठ 16 (GCC-16) पर दी गई शर्त 1(ए) के अनुसार जमानत राशि में परिवर्तित कर दी गई है। कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर जमानत राशि की बकाया रु. **15,09,092/-** (पंद्रह लाख नौ हजार निन्यानवे रुपये मात्र) अदा की जाए अन्यथा निविदा दस्तावेज़ के कंडीशन 1(ए) पेज संख्या 16 के अनुसार उक्त राशि रनिंग बिल से काटी जाएगी।

The earnest money amount of **5,18,405/-** (Rs. Five Lakhs Eighteen Thousand Four Hundred & Five Only) received along with your tender will be treated and converted as part of security deposit as per clause 1(A) on page GCC-16 of tender document. Please deposit **15,09,092/-** (Rupees Fifteen Lakhs Nine Thousand Ninety-Two 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 condition 1(A) on page 16 of the contract document.

- आपसे निवेदन है कि आप केंद्रीय और राज्य सरकारों 1970 के अधिनियम अनुबंध श्रम नियम तथा 1971 के केंद्रीय नियम (नियमन तथा उन्मूलन) एवं केंद्र तथा राज्य सरकार के न्यूनतम वेतन अधिनियम और नियमों के प्रावधान का अनुपालन करें।

You are requested to comply with the provisions of contract labour (Regulation and abolition) Act of 1970 and contract labour (Regulation & abolition) Central rules 1971 and minimum wages Act & rules thereof central and state Governments.

- आपको निर्देश दिया जाता है कि आप तुरंत वरिष्ठ प्रबन्धक (अभि-सिविल), भाविप्रा, पुणे विमानक्षेत्र से मिले वह आपको साइट सौंपने की व्यवस्था करेंगे।

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09/11/22

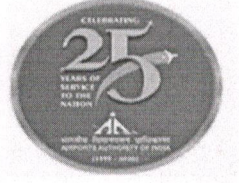
महाप्रबंधक(अभि-परि) कार्यालय
पुणे विमानतल, पुणे-411032
दूरध्वनी: (020)-26687271
ई-मेल: gmenggprjpune@aai.aero

महाप्रबंधक(अभि-परि) कार्यालय
पुणे हवाईअड्डा, पुणे-411032
दूरभाष: (020)-26687271
ई-मेल: gmenggprjpune@aai.aero

O/o General Manager(Engg-Proj.)
Pune Airport, Pune-411032
Phone: (020)-26687271
E-mail- gmenggprjpune@aai.aero



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA



You are also directed to Contact Sr. Manager (Engg-Civil), AAI, Pune Airport, immediately who will arrange to hand over the site to you.

6. कृपया नोट कर लें कि काम पूर्ण करने का अवधि **दो सौ सत्तर (270) दिन** (बारिस के तीस दिन सहित) है जोकि इस कार्यादेश के जारी करने के बाद दसवे दिन से गिनी जाएगी।

Please note that the time allowed for carrying out the work is **Two Hundred Seventy (270) Days** (including 30 days considered for rains), which shall be reckoned from the tenth day after the date of issue of this work order.

7. इस ठेके के संबंध में आगे का कोई भी पत्राचार संयुक्त महाप्रबंधक, अभि (सिविल), भाविप्रा, पुणे विमानक्षेत्र के पते पर किया जाए।

Any further correspondence in connection with the contract should normally be addressed to the Jt. Gen. Manager (Engg-C), AAI, Pune Airport.

8. कृपया पावती भेजें।

Please acknowledge the receipt.

यदि अंग्रेजी और हिन्दी पाठ में कोई अंतर पाया जाता है तो अंग्रेजी विवरण सही माना जाएगा।

If there is any discrepancy between English and Hindi then meaning derived from English version will be given precedence.

धन्यवाद / Thanking You,

भवदीय / Yours faithfully,

टी. के. दत्ता
09/11/22

(टी. के. दत्ता / T. K. Datta)

संयुक्त महाप्रबंधक, अभि (सि) / JGM(Engg-C),

कृते तथा ओर से अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण,

पुणे हवाई अड्डा, पुणे

For and on behalf of Chairman, Airports Authority of India
Pune Airport, Pune

संलग्न/Encl: Schedule –“A”

महाप्रबंधक(अभि-परि) कार्यालय

पुणे विमानतल, पुणे-411032

दूरध्वनी: (020)-26687271

ई-मेल: gmenggprjpune@aai.aero

महाप्रबंधक(अभि-परि) कार्यालय

पुणे हवाई अड्डा, पुणे-411032

दूरभाष: (020)-26687271

ई-मेल: gmenggprjpune@aai.aero

O/o General Manager(Engg-Proj.)

Pune Airport, Pune-411032

Phone: (020)-26687271

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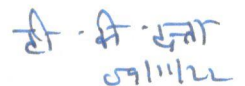
SCHEDULE-A					
Name of Work: Misc. Civil works on 0.74 acres of land to facilitate shifting of Approach Road of the existing Terminal Building at Pune Airport.					
Sub Head : Construction of G+2 building to accommodate AAI & CISF Offices, Canteen, Electrical Panel/ Metering Room including Electrical works etc.					
Tender ID No: 2022_AAI_129084_1					
Agency - M/s Prime Construction, Nagpur					
Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
1.00	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil	200.00	Cum	140.00	28000.00
2.00	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. a) Hard rock (blasting prohibited)	80.00	Cum	1080.00	86400.00
3.00	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.	180.00	Cum	80.00	14400.00
4.00	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	24.00	Cum	2380.00	57120.00
5.00	Supply and stacking of moorum at site of approved quality from approved quarry by mechanical transport including loading, unloading and stacking, lift etc. a) Lead upto 10Km	36.00	Cum	600.00	21600.00
6.00	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) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	60.00	Cum	4680.00	280800.00
7.00	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : a) 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	45.00	Cum	5680.00	255600.00
8.00	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 1.10 times of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. A) All works upto plinth level: Concrete of M30 grade with minimum cement content of 350 kg /cum	65.00	Cum	6080.00	395200.00

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Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
9.00	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 1.10 times of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. B) All works above plinth level upto floor V level: Concrete of M30 grade with minimum cement content of 350 kg /cum	275.00	Cum	6480.00	1782000.00
10.00	Add for using extra cement in the items of design mix over and above the specified cement content therein.	15.00	Qtl	280.00	4200.00
11.00	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	120.00	Sqm	570.00	68400.00
12.00	Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers	720.00	Sqm	570.00	410400.00
13.00	Centering and shuttering including strutting, propping etc for all height/ Depth. and removal of form for : Suspended floors, roofs, landings, balconies and access platform.	800.00	Sqm	570.00	456000.00
14.00	Centering and shuttering including strutting, propping etc for all height/ Depth. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts	425.00	Sqm	570.00	242250.00
15.00	Centering and shuttering including strutting, propping etc for all height/ Depth. and removal of form for : Stairs, (excluding landings) except spiral-staircases	115.00	Sqm	570.00	65550.00
16.00	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.a) Thermo-Mechanically Treated bars of grade Fe-500D or more.	13000.00	Kg	75.00	975000.00
17.00	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.a) Thermo-Mechanically Treated bars of grade Fe-500D or more.	44000.00	Kg	75.00	3300000.00
18.00	Brick work with Fly Ash bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 Cement : 4 coarse sand)	20.00	Cum	6380.00	127600.00
19.00	Brick work with Fly Ash bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in: Cement mortar 1:4 (1 Cement : 4 coarse sand)	190.00	Cum	6380.00	1212200.00
20.00	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand)	765.00	Sqm	280.00	214200.00
21.00	12 mm cement plaster of mix: 1:6 (1 cement: 6 coarse sand)	1600.00	Sqm	280.00	448000.00
22.00	18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5 (1 cement : 5 coarse sand) finished with a top layer 6 mm thick cement plaster 1:6 (1 cement : 6 fine sand).	2000.00	Sqm	380.00	760000.00

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Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
23.00	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, 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. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.Double charge vitrified tile polished finish of size. Size of Tile 600 x 600 mm.	500.00	Sqm	1080.00	540000.00
24.00	Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints. Size of Tile 600 x 600 mm.	40.00	Sqm	1280.00	51200.00
25.00	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. Polished Granite stone slab colour of Black, Cherry/Ruby Red or equivalent.	17.00	Sqm	3280.00	55760.00
26.00	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	30.00	Sqm	3280.00	98400.00
27.00	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.	220.00	Sqm	940.00	206800.00
28.00	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand): 25 mm thick	150.00	Sqm	1380.00	207000.00
29.00	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	155.00	Sqm	1480.00	229400.00
30.00	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	2365.00	Sqm	70.00	165550.00



 09/11/22

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
31.00	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content with water thinnable cement primer on wall surface having VOC content less than 50grams/ litre.	2365.00	Sqm	25.00	59125.00
32.00	Wall painting with premium acrylic emulsion paint of interior grade having VOC (Volatile Organic Compound) content less than 50grams/litre of approved brand and manufacturer, including applying additional coats wherever required to achieve even shade colour. Two or more coats on new work	2365.00	Sqm	80.00	189200.00
33.00	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	2000.00	Sqm	100.00	200000.00
34.00	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) :For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately): Powder coated aluminium (minimum thickness of powder coating 50 micron)	1000.00	Kg	533.00	533000.00
35.00	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	100.00	Sqm	880.00	88000.00
36.00	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	60.00	Sqm	2080.00	124800.00
37.00	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	350.00	Sqm	80.00	28000.00
38.00	Providing and fixing pressed steel door frames conforming to IS: 4351, manufactured from commercial mild steel sheet of 1.60 mm thickness, including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25 mm, or base ties of 1.60 mm, pressed mild steel welded or rigidly fixed together by mechanical means, including M.S. pressed butt hinges 2.5 mm thick with mortar guards, lock strike-plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge: Profile B- Fixing with adjustable lugs with split end tail to each jamb.	130.00	Mtr	480.00	62400.00
39.00	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 125 mm	46.00	Each	40.00	1840.00

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Sl.No	Description of Work / Item(s)	No. of Qty	Units	Rate	Amount
40.00	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete: 250x10 mm	23.00	Each	60.00	1380.00
41.00	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete : 300x16 mm	46.00	Each	200.00	9200.00
42.00	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. Twin rubber stopper	23.00	Each	60.00	1380.00
43.00	Forming groove of uniform size in the top layer of washed stone grit plaster as per approved pattern using wooden battens, nailed to the under layer, including removal of wooden battens, repair to the edges of panels and finishing the groove complete as per specifications and direction of the Engineer-in-charge: 15 mm wide and 15 mm deep groove	280.00	Mtr	15.00	4200.00
44.00	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters. A) 80x1.20 mm M.S. laths with 1.20 mm thick top cover	10.00	Sqm	2380.00	23800.00
45.00	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings /wooden frames with rawl plugs screws etc.	1900.00	Kg	100.00	190000.00
46.00	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	180.00	Kg	580.00	104400.00
47.00	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	6000.00	Per Litre	7.50	45000.00

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Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
48.00	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test."All above operations to be done in order and as directed and specified by the Engineer-in-Charge : With average thickness of 120 mm and minimum thickness at khurra as 65 mm.	188.00	Sqm	1280.00	240640.00
49.00	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 :	72.00	Sqm	480.00	34560.00
50.00	Providing and fixing 600x450 mm beveled edge 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.	14.00	Each	880.00	12320.00
51.00	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 pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	13.00	Each	380.00	4940.00

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Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
52.00	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement: 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With Fly Ash bricks of class designation 7.5	5.00	Each	8080.00	40400.00
53.00	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink with drain board: 510x1040 mm bowl depth 250 mm	1.00	Each	5000.00	5000.00
54.00	Providing and fixing toilet paper holder : C.P. brass	12.00	Each	480.00	5760.00
55.00	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work- 50 mm nominal dia Pipes	60.00	Metre	780.00	46800.00
56.00	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. 40 mm nominal dia Pipes	40.00	Metre	480.00	19200.00
57.00	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. 25 mm nominal dia Pipes	60.00	Metre	200.00	12000.00
58.00	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. 20 mm nominal dia Pipes	30.00	Metre	180.00	5400.00
59.00	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete : 150 mm dia. R.C.C. pipe	40.00	Metre	380.00	15200.00
60.00	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Flat back wash basin size 550x400 mm with single 15 mm C.P. brass pillar tap	14.00	Each	2480.00	34720.00

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Sl.No	Description of Work / Item(s)	No. of Qty	Units	Rate	Amount
61.00	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : Range of three urinal basins with 10litre white P.V.C. automatic flushing cistern	2.00	Each	9000.00	18000.00
62.00	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid	10.00	Each	3680.00	36800.00
63.00	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	2.00	Each	3680.00	7360.00
64.00	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end): 40 mm nominal bore	5.00	Each	980.00	4900.00
65.00	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 25 mm nominal bore	3.00	Each	280.00	840.00
66.00	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design: 180x150 mm size P type With Fly Ash bricks of class designation 7.5	2.00	Each	1580.00	3160.00
67.00	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe 32 mm dia	16.00	Each	80.00	1280.00
68.00	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. 15 mm nominal bore	14.00	Each	580.00	8120.00
69.00	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931: 15mm nominal bore	16.00	Each	480.00	7680.00
70.00	Providing and fixing PTMT grating of approved quality and colour. Circular type-125 mm nominal dia with 25 mm waste hole	12.00	Each	30.00	360.00
71.00	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	12.00	Each	280.00	3360.00
72.00	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.	5.00	Each	20.00	100.00
73.00	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design : In 75x75 mm deep chase	435.00	Mtr	20.00	8700.00
74.00	Providing and fixing soil, waste and vent pipes: 110 mm dia-U-PVC pipes	150.00	Mtr	480.00	72000.00

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Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
75.00	Providing and fixing 30 mm (average) thick machine cut Cuddapah for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture cement joints treated with cement, mixed with matching pigment, epoxy touchups, including rubbing, curing, etc. complete at all levels.	16.00	Sqm	880.00	14080.00
76.00	Providing and fixing Toilet cubicle system using 12mm thick panel of Besco Merino (Titan Box up Series) OR Equivalent including Intermediate panel, pilaster, door, etc of same panel with overall height of 2100 mm including all fixtures, fittings & accessories, Colour and shade as per site requirement as per specification and satisfaction of Engineering In Charge. Rates are all inclusive of packaging, handling, transportation, loading, unloading, erection & supervision. Size of Cubicle : As per Drawing (W) X 1550mm (D) X 2100mm (H) Door Size : 1925mm (H) x 600mm (W) Divider Size : 1945mm (H) Overall Height Of Cubicle : 2100mm (Including bottom Gap of 100mm) Accessories: Standard - Stainless Steel - 304 Grade accessories SS "U" Channel, SS "F" Channel (Only Corner Unit), SS Door Stopper Channell, SS Top Rail, SS Coat Hook, SS Privacy Thumb turn c/w Occupancy Indicator, SS Door Knob, SS Spring Loaded Butt Hinges with Cover, SS Shoe Box Leg 12mm - 316 Grade, Rubber Lining for Door Stopper, S.S.Screws 304 G & P.V.C Wall Plugs	9.00	Each	42000.00	378000.00
77.00	Providing and fixing Urinal partition using 12mm thick panel of Besco Merino with width of 400 mm and height of 900 mm including all fixtures, fittings & accessories, Colour and shade as per site requirement as per specification and satisfaction of Engineering In Charge. Rates are all inclusive of packaging, handling, transportation, loading, unloading, erection & supervision. Size of UMP : 400mm (W) X 900mm (H) Overall Height Of UMP : 1850mm (Including bottom Gap of 650mm) Accessories: Standard - Stainless Steel - 304 Grade accessories SS Right Angle Brackets, S.S.Screws 304 G & P.V.C Wall Plugs	8.00	Each	4800.00	38400.00
78.00	Dismantling of old structural steel watch tower of size 3.5m x 3.5m and height 15 m approx. in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. with required crane capacity & gas cutter, etc. Work including dismembering and stacking within 100m lead as per direction of Engineer-in-charge.	1.00	Job	38000.00	38000.00
79.00	Providing Engineering Consultancy Services for "Construction of G+2 building approximate size 40mx6.5m for Office, Canteen, Electrical Panel, Metering Room etc.". Scope of work includes :- Planning, Designing & Detailing, RCC design with relevant seismic considerations for Civil Works. The RCC drawings and designs shall be vetted by a Government Engineering College. Note:- i) Consultant has to provide Engineering Consultancy for above design. ii) The cost as incurred towards vetting of the RCC drawings and designs is included in this item hence no extra payment shall be made in this regard.	1.00	Job	350000.00	350000.00

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Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
80.00	Design, fabrication, assembly, wiring and supply, erection, testing and commissioning of cubicle type compartmentalised as per Form 4B free standing, dust and vermin proof (Minimum IP 42 ingress protection) front operated switchboards conforming to IS 8623/IEC-60439 suitable for use at 433 volts, 3 phase 4 wire 50 Hz system suitable for a symmetrical fault level of 36 kA at 433 volts, fabricated from 2 mm outer thick CRCA sheets with hinged, gasketed (metal based neoprene) and lockable doors having structural reinforcement with suitable angle/channel/T/flat sections including 3 mm thick gland plates on top and bottom including lifting hooks and earth bus of required size for prospective fault level at that panel with 2 nos. earthing terminals, coating, required and as below. The incoming and outgoing feeders shall be accommodated in a modular arrangement, detachable gland plates, adequate size cable alley, Sign writing, Painting, Earthing, Numbering, Danger plate, including PVC insulated copper FRLS wires of minimum 1.5 sq.mm & 2.5sq.mm for CT's etc. paint finish of approved shade over metal surface cleaned and treated with seven tank process complete with interconnections etc. as per specifications, as complete as required as per specifications and drawing attached. Mechanical interlock between incomers and bus coupler to be provided. Incomer- (a) 2 nos 250A FP 36kA MCCB (Thermal Magnetic release with O/L, S/C & E/F protection) lcs=100%lcu i/c extended rotary handle, spreader link, (b) R,Y,B indication lamp- 2 Set (c) ON, OFF, TRIP indication lamp- 02 Sets, (d) 2A SP 10kA control MCB (e) Digital multifunction meter with suitable ratio CTs of class 1.0 accuracy - 02 sets. Bus-coupler: (a) 01 No. 250A FP 36kA MCCB (Thermal Magnetic release with O/L, S/C & E/F protection) lcs=100%lcu i/c extended rotary handle, spreader link etc. (b) ON, OFF, TRIP indication lamp- 01 Set (c) 2A SP 10kA control MCB Outgoing: (a) 12 nos. 63A FP 36kA MCCB (Thermal Magnetic release with O/L, S/C & E/F protection) lcs=100%lcu i/c extended rotary handle, spreader link (b) ON, OFF, TRIP indication lamp- 12 Set (c) FP 32A MCB "C" Curve -02 nos. (d) SP 06 to 32A MCB "C" curve - 06 nos.	1.00	Job	715000.00	715000.00
81.00	Supply of following size of 1.1 kv grade FRLS aluminium conductor XLPE insulated and PVC sheathed armoured cable as per IS: 7098:1988 (Part-I) with upto date amendments (a) 3½ core X 120 Sq.mm.	200.00	Meter	830.00	166000.00
82.00	Supply of following size of 1.1 kv grade FRLS aluminium conductor XLPE insulated and PVC sheathed armoured cable as per IS: 7098:1988 (Part-I) with upto date amendments. (a) 3½ coreX 25 Sq.mm.	255.00	Meter	270.00	68850.00
83.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required. (a) Below 35 sq. mm	255.00	Meter	30.00	7650.00
84.00	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required. (a) Above 95 sq. mm and upto 185 sq. mm	200.00	Meter	80.00	16000.00
85.00	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. (a) 3½ core, 25 Sq.mm. (28 mm)	16.00	Each	250.00	4000.00
86.00	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. (a) 3½ X 120 sq. mm (45mm)	2.00	Each	800.00	1600.00

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Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
87.00	Supply and installing of following size of (Hot dip) GI Perforated type cable trays (Galvanisation thickness not less than 50 micron) in convenient sections, joined with connectors including horizontal and vertical bends, reducers, tees, cross members, clamps, connection pieces and other accessories as required, duly suspended from the ceiling GI suspenders including GI bolts & GI nuts including fabrication, etc. complete as required.- 150 mm x 50mm x 1.6mm thickness	100.00	Meter	750.00	75000.00
88.00	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on cable tray as required. Upto 35 sq.mm (clamped with 1mm thick saddle)	100.00	Meter	35.00	3500.00
89.00	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc. , complete as required. 120 mm dia (OD-120 mm & ID-103 mm nominal)	180.00	Meter	275.00	49500.00
90.00	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB PPI distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (a) 4 way (4 + 6 +12), Double door, horizontal type	8.00	Each	4500.00	36000.00
91.00	SITC 4P MCB 'C' Curve: Supplying and fixing following rating, four pole, 415 V, four pole MCB in the existing MCB DB complete with connections, testing and commissioning etc. as required. (a) 4P, 63A 'C' CURVE MCB	8.00	Each	1500.00	12000.00
92.00	SITC 'C' series, SP MCB: Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. (a) Single pole	96.00	Each	180.00	17280.00
93.00	Supplying and fixing of 63 A rating, Two pole, (Single phase and neutral), 415 Volts, Residual current circuit breaker (RCCB) having a sensitivity current of 100 mAmps in the existing MCB DB complete with connections, testing and commissioning etc. as required.	24.00	Each	2500.00	60000.00
94.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	2520.00	Meter	230.00	579600.00
95.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required-2 X 4 sq. mm + 1 X 4 sq. mm earth wire	1380.00	Meter	320.00	441600.00
96.00	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 steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLSH PVC insulated copper conductor single core cable etc. as required. - Group C	169.00	Point	1500.00	253500.00
97.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required	56.00	Each	400.00	22400.00

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Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
98.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	50.00	Each	550.00	27500.00
99.00	Supplying and fixing of 3 pin, 5 Amp ceiling rose on the existing junction box/wooden block including connection etc. as required.	169.00	Each	70.00	11830.00
100.00	Supply installation testing commissioning of 1.5 TR, 5-Star rated, high wall inverter type split Air-Conditioning unit (IDU and ODU) with washable filter, cooling coil connected to condensing units, wireless remote controller for temperature adjustment, IDU blower speed, swing adjustment, auto restart facility, sleep mode, turbo mode, LED display for temperature, stands for ODU, R410a/R32 charged etc. including 5 years compressor warranty, standard length (3 mtr) of properly insulated copper refrigerant pipe of suitable size, drain pipe, copper cable between IDU and ODU as per OEM standard. Item includes required civil works with good finish & MS stand for outdoor unit.	21.00	Each	53000.00	1113000.00
101.00	Supply installation, testing and commissioning of self contained Drinking water cooler, suitable for operation on 230 volts $\pm$ 10% ,50 Hz, single phase A.C. supply. cooler shall be made out of stainless steel. The water cooler will be of following: The tank and body casing of the water capacities with two numbers faucets / stop cocks. Nominal Storage Capacity -80 Ltrs. Nominal cooling Capacity -40 Ltrs/ hrs.	3.00	Each	40000.00	120000.00
102.00	SITC of 50LPH, RO+UV water purifier plant with 7 Stage purification system and auto shutoff plus TDS adjuster Tap mount water filter suitable for operation on 230 volts $\pm$ 10% ,50 Hz, single phase A.C. supply. filter body shall be made out of stainless steel with all relevant accessories complete as required.	3.00	Each	44000.00	132000.00
103.00	Supply, Installation, testing and commissioning of 1200 mm ceiling fans complete with double ball bearing, motor, blades, canopies, capacitor etc. suitable for operation on 230 volts, 50 Hz., 1 phase, AC supply complete as required. ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable, including providing and fixing suitable PVC sheet cover on the fan box etc. as required.	25.00	Each	2200.00	55000.00
104.00	Supply and fixing of 300mm swep exhaust fan with louver suitable for operation on 230 V, 50 Hz, Single phase, A.C supply in the existing opening/ including making the hole to suit the size of the above fan, making good the damage, connections, testing, commissioning etc. as required	16.00	Each	2000.00	32000.00
105.00	Supply, installation, testing and commissioning of 3600 Lumen, 5700K surface mounted LED type 2'X2' luminaire with high transmittive diffuser, 05 years warranty suitable for indoor application, made out of extruded aluminium/CRCA /standard alloy, required heat sink, mounting arrangement complete with LEDs driver, surge protection system compliance as per technical specification etc. complete as required.	38.00	Each	3200.00	121600.00
106.00	Supply, Installation, testing and commissioning of LED Batten of 4Ft. length with a nominal system lumen output of 4000 lumens. The luminaire should have a colour temperature of 6500K, 05 years warranty, mounting arrangement complete with LEDs driver, surge protection system compliance as per technical specification etc. complete as required.	69.00	Each	650.00	44850.00


 09/11/22

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
107.00	Supply, installation, testing and commissioning of 7700 Lumen, 5700K, pole/wall braket mounting LED type streetlight fitting with 05 years warranty, made out of pressure die-cast Aluminium housing and heat sink, suitable GI pipe bracket of minimum 1.5 mtr & mounting clamps complete with LEDs driver, surge protection system compliance as per technical specification etc. complete as required.	8.00	Each	4200.00	33600.00
108.00	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required	4.00	Each	7500.00	30000.00
109.00	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required.	2.00	Each	7500.00	15000.00
110.00	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	255.00	Meter	45.00	11475.00
111.00	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	150.00	Meter	180.00	27000.00
112.00	Providing and fixing of lightning conductor finial, made of 25 mm dia 300 mm long, G.I. tube, having single prong at top, with 85 mm dia 6 mm thick G.I. base plate including holes etc. complete as required.	4.00	Each	1500.00	6000.00
113.00	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.	162.00	Meter	150.00	24300.00
114.00	Supply , installation , and fixing of Al Round conductor for down conductor (8mm dia), material AlMgSi , complying to standard EN 62561-2 complete in all respect as required.	200.00	Meter	100.00	20000.00
115.00	Providing and laying G.I. tape 32 mm X 6 mm from earth electrode directly in ground as required.	40.00	Meter	250.00	10000.00
116.00	Supply, installation, testing and commissioning of 3 Phase 4 Wire kWh meter of LCD type Direct base mounting, Acc class-1, 240V AC, 5 to 30A rated current capacity energy meter with rust free IP 65 meter box including interconnection with suitable wires complete as required.	3.00	Each	2500.00	7500.00
117.00	Supply and fixing of fire retardant electrically insulated synthetic mat of class A, 2mm thick(Tolerance as per IS:15652) suitable for all voltages not exceeding 3.3 KV AC system meeting requirements of IS 15652:2006 with upto date amendments having minimum width of 1000 mm (Tolerance as per IS:15652) along with suitable adhesive/resin, sealing material and similar type of taping on sealing at all joints and corners as per recommendations prescribed by IS, complete as required.	10.00	Sq. Meter	1000.00	10000.00
	Total amount in Figures			20274970.00	
Amount in word: Rupees Two crores Two Lakhs Seventy Four Thousand Nine Hundred Seventy Only					

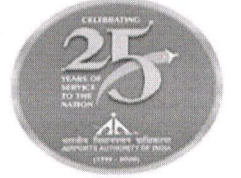
टी. के. दत्ता
09/11/22

(टी. के. दत्ता / T. K. Datta)

संयुक्त महाप्रबंधक, अभि (सि) / Jt. Gen. Manager(Engg-Civil)
पुणे हवाई अड्डा, पुणे/ Pune Airport, Pune



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA



N.O.O:

बाहरी / External:

1. संयुक्त महा प्रबंधक (सतर्कता), प.क्षे., भा.वि.प्रा., क्षेत्रीय कार्यपालक निदेशक का कार्यालय, पारसीवाड़े के सामने, सहार रोड, विलेपारले (पूर्व), मुंबई -400099.
Jt. General Manager (Vigilance), WR, AAI, Opp. Parsiwada, Sahar Rd., Vile Parle(E), Mumbai - 99.
2. केंद्रीय श्रम आयुक्त का कार्यालय, गुरु नानक नगर, शांति नगर सोसाइटी, कतड़ खाना, शंकर सेठ रोड, पुणे - 411042
Labour Enforcement Officer (Central), Guru Nanak Nagar, Shanti Nagar Society, Katad Khana, Shankar seth road, Pune - 411042
3. क्षेत्रीय ई. पी. एफ. आयुक्त, 2nd और 3rd मंजिल, पुणे कैंटोमेंट बोर्ड बिल्डींग, गोलीबार मैदान, पुणे -411001.
Regional Provisional Fund Commissioner, 2nd and 3rd Floor, Pune Cantonment Board Building, Near Golibar Maidan, Pune -411001.

आंतरिक / Internal:

1. महा प्रबंधक (अभि-परियोजना), भा.वि.प्रा., पुणे हवाई अड्डा, पुणे - 32
General Manager (Engg-Proj.), AAI, Pune Airport, Pune - 32.
2. विमानपत्तन निदेशक, भा.वि.प्रा., पुणे हवाई अड्डा, पुणे - 32
Airport Director, AAI, Pune Airport, Pune - 32.
3. संयुक्त महाप्रबंधक (अभि-वि)-I/II, भा.वि.प्रा., पुणे हवाई अड्डा, पुणे - 32
Jt. Gen. Manager (Engg-Elect)-I/II, AAI, Pune Airport, Pune - 32.
4. संयुक्त महाप्रबंधक (अभि-सि)-II, भा.वि.प्रा., पुणे हवाई अड्डा, पुणे - 32
Jt. Gen. Manager (Engg-Civil)-II, AAI, Pune Airport, Pune - 32.
5. उपमहाप्रबंधक (वित्त), भा.वि.प्रा., पुणे हवाई अड्डा, पुणे - 32
Dy. Gen. Manager (Fin.), AAI, Pune Airport, Pune - 32.
6. वरिष्ठ प्रबंधक (अभि- सि), भा.वि.प्रा., पुणे हवाई अड्डा, पुणे - 32
Sr. Manager (Engg-Civil), AAI, Pune Airport, Pune - 32.

टी. के. दत्ता
09/11/22

(टी. के. दत्ता / T. K. Datta)

संयुक्त महाप्रबंधक, अभि (सि) / JGM(Engg-C)

पुणे हवाई अड्डा, पुणे / Pune Airport, Pune

महाप्रबंधक(अभि-परि) कार्यालय
पुणे विमानतल, पुणे-411032
दूरध्वनी: (020)-26687271
ई-मेल: gmenggprjpune@aai.aero

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O/o General Manager(Engg-Proj.)
Pune Airport, Pune-411032
Phone: (020)-26687271
E-mail- gmenggprjpune@aai.aero