



भारतीय विमानपत्तन प्राधिकरण
नागर विमानक्षेत्र, वडोदरा
Airports Authority of India,
Civil Aerodrome, Vadodara

भाविप्रा/वडोदरा/ वरिष्ठ प्र. (अभि-सि)/डब्ल्यू-265/2024-25/ **1038**
AAI/VAD/ Sr. Manager (Engg-C)/W-265/2024-25/

दिनांक: 29.07.2024
Date: 29.07.2024

सेवा में,
मेसर्स ओम कन्स्ट्रक्शन
311, मोहनदीप सोसायटी,
डभोली चार रास्ता, के पास, वेद रोड,
सुरत - 395 004

To,
M/s. Om Construction
311, Mohandeep Society,
Near Dabholi Char Rasta, Ved Road,
Surat - 395 004

कार्य का नाम : सोनगढ़ में एनडीबी के नए भवन का निर्माण

(निविदा आई. डी. - 2024_AAI_196443_1)

Name of Work: Construction of New NDB Building at Songarh
(Tender ID - 2024_AAI_196443_1)

संदर्भ:- दिनांक 27.06.2024 को खोला गया आपका ई-टेंडर । (वित्तीय बोली)
Ref: Your e-tender opened on 27/06/2024 (Financial Bid)

महोदय/Sir,

1. उपर्युक्त कार्य हेतु आपकी निविदा अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से, आपके द्वारा बताए गये मद मूल्यों पर निविदा की राशि कुल रु. 1,51,37,601.00 (रुपये एक करोड़ इक्यावन लाख सैंतीस हजार छह सौ एक मात्र) (Excluding GST) स्वीकृत किया जाता है, जो कि निविदा की अनुमानित लागत राशि रु. 1,83,57,176/- (Excluding GST) से 17.54% नीचे 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 totaling to **Rs. 1,51,37,601.00/-** (Excluding GST) (**one crore fifty one lakh thirty seven thousand six hundred one Rupees only**), which is 17.54 % below the estimated cost put to tender of Rs. 1,83,57,176/- (Excluding GST).

2. वरिष्ठ प्रबंधक (अभि-सिविल), वडोदरा विमानक्षेत्र, वडोदरा कार्य प्रभारी अभियंता होंगे। आपसे निवेदन है कि आप स्वयं या आपकी ओर से एक विश्वसनीय प्रतिनिधि प्रतिनियुक्त करें जो करारनामे पर हस्ताक्षर करने के लिए अधिकृत हो तथा वह दिनांक **12.08.2024** तक वरिष्ठ प्रबंधक (अभि-सिविल) वडोदरा विमानक्षेत्र के कार्यालय में उपस्थित हो तथा करारनामे को पूरा करें। ठेके का करारनामा **रु.300/- (रु.तीन सौ मात्र)** के नोन ज्यूडिशियल स्टैम्प पेपर पर निष्पादित किया जाएगा, तथा पेपर का खर्च आपके द्वारा वहन किया जाएगा।

Senior Manager (Engg- Civil), Vadodara Airport, Vadodara shall be the Engineer-in-charge of the work. You are requested to attend or depute your accredited representative, empowered to sign the contract agreement on your behalf, to attend the office of the Senior Manager (Engg- Civil), Vadodara Airport by **12.08.2024** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value **Rs.300/- (Rs. Three Hundred only)** and the cost of the stamp paper shall be borne by you.

3. इस पत्र के जारी होने की तारीख से 10 दिनों के भीतर सुरक्षा जमा राशि के लिए 15,13,760/- (पंद्रह लाख तेरह हजार सात सौ साठ रुपये मात्र), अनुबंध मूल्य का 10% जमा करे ऐसा न करने पर शर्त निविदा के जीसीसी के खंड 1A पृष्ठ 16 के अनुसार चालू खाता बिल से काट लिया जाएगा। अनुबंध दस्तावेज़ का. बयाना राशि रु. आपके टेंडर के साथ प्राप्त 3,67,144.00 (तीन लाख सड़सठ हजार एक सौ चौवालीस मात्र) एसडी राशि ईएमडी से अधिक होने पर ऑनलाइन वापस कर दी जाएगी।

Please deposit **Rs.15,13,760/- (Rupees Fifteen Lakh Thirteen Thousand Seven Hundred Sixty Only) i.e @10% of Contract value** towards security deposit within 10 days from the date of issue of this letter, failing which the same shall be deducted from the Running Account Bills as per of the Tender document Clause 1A GCC Page 16. The earnest money amount of **Rs. 3,67,144.00 (Rupees Three Lakh Sixty Seven Thousand One Hundred Forty Four Only)** received along with your tender shall be refunded online once SD amount exceeds the EMD.

4. आपसे अनुरोध है कि अनुबंध श्रम (विनियमन और उन्मूलन) अधिनियम 1970 और अनुबंध श्रम (विनियमन और उन्मूलन) 1971 केंद्रीय नियमों के प्रावधान का पालन करे, बाल श्रम (निषेध और विनियमन) अधिनियम 1986, निर्माण कार्यकर्ता (रोजगार का विनियमन और सेवा की शर्त) अधिनियम 1996, बिल्डिंग और अन्य निर्माण कार्यकर्ता कल्याण सेस अधिनियम 1996 जैसा कि निविदा के जीसीसी के खंड 19 पृष्ठ 49 और केंद्रीय तथा राज्य सरकार के नियमों 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 and Regulation) Act 1986, Construction workers (Regulation of Employment and Condition of service) Act 1996, Building and other construction workers welfare Cess act 1996 as specified in clause 19 page 49 of GCC of tender & minimum wage act and rules of Central and state government.

5. आपको निर्देश दिया जाता है कि आप तुरंत वरिष्ठ प्रबंधक (अभि-सिविल)/सहायक प्रबंधक (अभि-सिविल), वडोदरा विमानक्षेत्र से मिले वह आपको साइट सौंपने की व्यवस्था करेंगे। कृपया नोट कर ले कि काम करने का अनुमत समय **06(छह) महीना** जोकि इस पत्र के जारी होने के दस दिन बाद से गिना जाएगा।

You are also directed to contact **Sr.Manager (Engg-Civil) / Astt. Manager (Engg – Civil)** Vadodara Airport immediately who will arrange to hand over site to you. Please note that the time allowed for carrying out the work is **06 (Six) Months** which shall be reckoned from 10th days after the issuance of this letter.

6. इस ठेके के संबंध में आगे की कोई भी पत्राचार वरिष्ठ प्रबंधक (अभि-सिविल), वडोदरा विमानक्षेत्र, वडोदरा 390022 के पते पर किया जाए।

Any further correspondence in connection with the contract should normally be addressed to the **Senior Manager (Engg-Civil)**, Vadodara Airport, Vadodara -390022.

7. उपरोक्त संदर्भित सभी पत्र इस ठेके का भाग होंगे।

All the letters referred above shall form part of contract.

8. उपर्युक्त कार्य के लिए त्रुटि दायित्व की अवधि **12(बारह) महीने** होगी।

The defects liability period for the above-mentioned work is **12(Twelve)** months.

9. यदि ठेकेदार सुरक्षा नियमों का भंग करेगा तो उनका कालियादी में सम्मिलित किया जाएगा एवं उचित कानूनी कार्यवाही के लिए भी जिम्मेदार होगा।



भारतीय विमानपत्तन प्राधिकरण
नागर विमानक्षेत्र, वडोदरा
Airports Authority of India,
Civil Aerodrome, Vadodara

If Contractor is found Violate any of Security Regulations, he shall be Black listed and will be subjected to other Legal Proceedings.

10. स्वीकृति के प्रतीक के रूप में अधिसूचना में हस्ताक्षर करने के बाद कृपया इस पावती को स्वीकार करें और इस पत्र की नकल प्रतिलिपि वापस 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.

11. यदि कोई विसंगति पाई जाती है तो अंग्रेजी संस्करण को सही रूप में लिया जाएगा ,
In case any discrepancy is found then English version will be taken as correct.

भवदीय /Yours faithfully

वरिष्ठ प्रबंधक (अभि-सिविल),
वडोदरा हवाईअड्डा
कृतेअध्यक्ष, भारतीय विमानपत्तन प्राधिकरण
Sr. Manager (Engg.-Civil), Vadodara Airport
For and on behalf of Chairman
Airports Authority of India

Validate Print Help									
Tender Inviting Authority: SM (Engg - Civil), Vadodara Airport									
Name of Work: Construction of New NDB Building at Songarh									
Contract No: 2024_AAI_196443_1									
Name of the Bidder/ Bidding Firm / Company : Om Construction									
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)									
Sl. No.	NUMBER #	TEXT #	Item Description	Quantity	TEXT #	NUMBER #	RATE In Figures To be entered by the Bidder (Excluding GST)	NUMBER #	TEXT #
1	1	2	(CIVIL ITEMS) Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	4	5	13	53	55	
1.01				1081.00	Cum		260.00	281060.00	INR Two Lakh Eighty One Thousand & Sixty Only
1.02				724.00	Cum		170.00	123080.00	INR One Lakh Twenty Three Thousand & Eighty Only
1.03				16.00	Cum		1250.00	20000.00	INR Twenty Thousand Only
1.04				88.00	Cum		4400.00	387200.00	INR Three Lakh Eighty Seven Thousand Two Hundred Only
1.05				31.00	Sqm		530.00	16430.00	INR Sixteen Thousand Four Hundred & Thirty Only

1.06	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 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)	247.00	Cum	5570.00	1375790.00	INR Thirteen Lakh Seventy Five Thousand Seven Hundred & Ninety Only
1.07	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-II) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	11.00	Cum	7100.00	78100.00	INR Seventy Eight Thousand One Hundred Only
1.08	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 sized derived from natural sources).	43.00	Cum	8000.00	344000.00	INR Three Lakh Forty Four Thousand Only
1.09	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	1085.00	Sqm	170.00	184450.00	INR One Lakh Eighty Four Thousand Four Hundred & Fifty Only
1.10	Centering and shuttering including strutting, propping etc. and removal of form for : Suspended floors, roofs, landings, balconies and access platform	85.00	Sqm	260.00	22100.00	INR Twenty Two Thousand One Hundred Only
1.11	Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers	249.00	Sqm	260.00	64740.00	INR Sixty Four Thousand Seven Hundred & Forty Only
1.12	Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts	172.00	Sqm	260.00	44720.00	INR Forty Four Thousand Seven Hundred & Twenty Only
1.13	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	30875.00	Kilogram	80.00	2470000.00	INR Twenty Four Lakh Seventy Thousand Only
1.14	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	6750.00	Kilogram	80.00	540000.00	INR Five Lakh Forty Thousand Only
1.15	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	147.00	Cum	5300.00	779100.00	INR Seven Lakh Seventy Nine Thousand One Hundred Only
1.16	Brick work 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 in all shapes and sizes in : Cement mortar 1:4 (1 cement : 4 coarse sand)	126.00	Cum	7100.00	894600.00	INR Eight Lakh Ninety Four Thousand Six Hundred Only
1.17	Half brick masonry with common burnt clay F.P.S. (non modular) bricksof class designation 7.5 in foundations and plinth in : Cement mortar 1:3 (1 cement : 3 coarse sand)	24.00	Sqm	530.00	12720.00	INR Twelve Thousand Seven Hundred & Twenty Only
1.18	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 1:3 (1 cement :3 coarse sand)	8.00	Sqm	530.00	4240.00	INR Four Thousand Two Hundred & Forty Only

1.19	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 to edges to give high gloss finish etc. complete at all levels. Granite stone slab colour black, Cherry/Ruby red Area of slab over 0.50 sqm	8.00	Sqm	2600.00	20800.00	INR Twenty Thousand Eight Hundred Only
1.20	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	2.00	Each	170.00	340.00	INR Three Hundred & Forty Only
1.21	Providing and fixing in wall lining flat pressed three layer (medium density) particle board or graded wood Pre-laminated one side decorative lamination and other side balancing lamination Grade I, Type II, IS : 12823 marked, including priming coat on unexposed arrangement and screws etc. complete : 12 mm thick	118.00	Sqm	800.00	94400.00	INR Ninety Four Thousand Four Hundred Only
1.22	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.	21.00	Sqm	800.00	16800.00	INR Sixteen Thousand Eight Hundred Only
1.23	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	8.00	Sqm	2600.00	20800.00	INR Twenty Thousand Eight Hundred Only
1.24	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	8.00	Sqm	350.00	2800.00	INR Two Thousand Eight Hundred Only
1.25	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.	488.00	Kilogram	125.00	61000.00	INR Sixty One Thousand Only
1.26	Providing and fixing bright finished brass 100 mm mortice latch with one dead bolt and a pair of lever handles of approved quality with necessary screws etc. complete.	5.00	Each	440.00	2200.00	INR Two Thousand Two Hundred Only
1.27	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	12.00	Each	1700.00	20400.00	INR Twenty Thousand Four Hundred Only
1.28	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	8.00	Each	350.00	2800.00	INR Two Thousand Eight Hundred Only
1.29	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	12.00	Each	170.00	2040.00	INR Two Thousand & Forty Only
1.30	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 : 100 mm	12.00	Each	170.00	2040.00	INR Two Thousand & Forty Only
1.31	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	8.00	Each	170.00	1360.00	INR One Thousand Three Hundred & Sixty Only

1.32	Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ± 1 mm), with wall thickness 2.0 mm (± 0.2 mm), corners of the door frame to be jointed with galvanized brackets and stainless steel screws, joints mitred and Plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19 mm and 1mm (± 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer-in-charge	5.00	Metre	260.00	1300.00	INR One Thousand Three Hundred Only
1.33	Extruded section profile size 48x40 mm Providing and fixing to existing door frames. 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanized/plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanized M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanized M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanized M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (For W.C. and bathroom door shutter).	2.00	Sqm	2600.00	5200.00	INR Five Thousand Two Hundred Only
1.34	Providing and fixing frame work for partitions/ wall lining etc. made of 50x50x1.6 mm hollow MS tube, placed along the walls, ceiling and floor in a grid pattern with spacing @ 60 cm centre to centre both ways (vertically & horizontally) or at required spacing near opening, with necessary welding at junctions and fixing the frame to wall/ ceiling/ floors with steel dash fasteners of 8 mm dia, 75 mm long bolt, including making provision for opening for doors, windows, electrical conduits, switch boards etc., including providing with two coats of approved steel primer etc. complete, all as per direction of Engineer-in-charge.	950.00	Kilogram	125.00	118750.00	INR One Lakh Eighteen Thousand Seven Hundred & Fifty Only
1.35	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	57.00	Kilogram	125.00	7125.00	INR Seven Thousand One Hundred & Twenty Five Only
1.36	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes.	300.00	Kilogram	134.00	40200.00	INR Forty Thousand Two Hundred Only
1.37	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete.	376.00	Kilogram	125.00	47000.00	INR Forty Seven Thousand Only
1.38	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	82.00	Kilogram	134.00	10988.00	INR Ten Thousand Nine Hundred & Eighty Eight Only
1.39	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including pointing the joints with white cement and matching pigments etc., complete.	6.00	Sqm	890.00	5340.00	INR Five Thousand Three Hundred & Forty Only

1.40	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, piler, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. Glazed Vitrified tiles Matt/Antiskid finish of size Size of Tile 600 x 600 mm	53.00	Sqm	1160.00	61480.00	INR Sixty One Thousand Four Hundred & Eighty Only
1.41	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer) with water absorption less than 0.08 % and conforming to IS: 15622, of approved make in all colours & shade in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1cement: 3 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 600x600 mm	9.00	Sqm	1250.00	11250.00	INR Eleven Thousand Two Hundred & Fifty Only
1.42	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (I) Single socketed pipes: (i) Single socketed pipes: 110 mm diameter	16.00	Meter	305.00	4880.00	INR Four Thousand Eight Hundred & Eighty Only
1.43	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Shoe (Plain) 110 mm Shoe	4.00	Each	305.00	1220.00	INR One Thousand Two Hundred & Twenty Only
1.44	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 37 mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50 mm long with 6 mm dia bolts, other flange 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)	19.00	Sqm	1250.00	23750.00	INR Twenty Three Thousand Seven Hundred & Fifty Only

1.45	Providing & fixing UV stabilised fiberglass reinforced plastic sheet roofing up to any pitch, including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8 mm dia. G.I plain/bitumen washers complete but excluding the cost of purlins, rafters, trusses etc. The sheets shall be manufactured out of 2400 TEX panel roving incorporating minimum 0.3% ultra-violet stabiliser in resin system under approximately 2400 psi and hot cured. They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866. The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified. 2mm thick flat.	11.00	Sqm	503.00	5533.00	INR Five Thousand Five Hundred & Thirty Three Only
1.46	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-Charge) of total coated thickness 0.50 mm (base metal of minimum 0.45 mm thickness with total coating thickness of 0.05mm) with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	12.00	Sqm	620.00	7440.00	INR Seven Thousand Four Hundred & Forty Only
1.47	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	1005.00	Sqm	260.00	261300.00	INR Two Lakh Sixty One Thousand Three Hundred
1.48	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement: 4 fine sand)	1022.00	Sqm	305.00	311710.00	INR Three Lakh Eleven Thousand Seven Hundred & Ten Only
1.49	6 mm cement plaster of mix : 1:3 (1 cement: 3 fine sand)	73.00	Sqm	260.00	18980.00	INR Eighteen Thousand Nine Hundred & Eighty Only
1.50	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 @ 0.90 litre/10 sqm)	1796.00	Sqm	107.00	192172.00	INR One Lakh Ninety Two Thousand One Hundred & Seventy Two Only
1.51	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work.	18.00	Sqm	80.00	1440.00	INR One Thousand Four Hundred & Forty Only
1.52	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.	197.00	Sqm	80.00	15760.00	INR Fifteen Thousand Seven Hundred & Sixty Only
1.53	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre. of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. Two coats.	192.00	Sqm	125.00	24000.00	INR Twenty Four Thousand Only
1.54	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 50 grams/litre.	192.00	Sqm	80.00	15360.00	INR Fifteen Thousand Three Hundred & Sixty Only
1.55	Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete.	20.00	Cum	6200.00	124000.00	INR One Lakh Twenty Four Thousand Only
1.56	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	37.00	Sqm	800.00	29600.00	INR Twenty Nine Thousand Six Hundred Only

1.57	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	4.00	Cum	12500.00	50000.00	INR Fifty Thousand Only
1.58	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 25x25 mm made of G.I. wire of dia 3 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge.	135.00	Sqm	890.00	120150.00	INR One Lakh Twenty Thousand One Hundred & Fifty Only
1.59	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	1.00	Each	5300.00	5300.00	INR Five Thousand Three Hundred Only
1.60	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 550x 400 mm with single 15 mm C.P. brass pillar tap	1.00	Each	4400.00	4400.00	INR Four Thousand Four Hundred Only
1.61	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 200 mm.	1.00	Each	8000.00	8000.00	INR Eight Thousand Only
1.62	Providing and fixing soil, waste and vent pipes : 75 mm diameter : Sand cast iron S&S pipe as per IS: 1729.	3.00	Meter	1250.00	3750.00	INR Three Thousand Seven Hundred & Fifty Only
1.63	Providing and fixing terminal guard: 75 mm Sand cast iron S&S as per IS - 1729	1.00	Each	1500.00	1500.00	INR One Thousand Five Hundred Only
1.64	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. : Internal work - Exposed on wall 25 mm nominal outer dia. Pipes.	50.00	Meter	602.00	30100.00	INR Thirty Thousand One Hundred Only
1.65	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 outer dia. Pipes.	40.00	Meter	404.00	16160.00	INR Sixteen Thousand One Hundred & Sixty Only
1.66	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 outer dia. Pipes.	60.00	Meter	656.00	39360.00	INR Thirty Nine Thousand Three Hundred & Sixty Only
1.67	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. : External work 50 mm dia. nominal bore	1500.00	Mtr	620.00	930000.00	INR Nine Lakh Thirty Thousand Only
1.68	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 25 mm nominal bore	2.00	Each	800.00	1600.00	INR One Thousand Six Hundred Only
1.69	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 25 mm nominal bore Vertical	2.00	Each	1250.00	2500.00	INR Two Thousand Five Hundred Only

1.70	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.	1000.00	Litre	12.50	12500.00	INR Twelve Thousand Five Hundred Only
1.71	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931: 15 mm nominal bore.	2.00	Each	620.00	1240.00	INR One Thousand Two Hundred & Forty Only
1.72	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore.	1.00	Each	710.00	710.00	INR Seven Hundred & Ten Only
1.73	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. 15 mm nominal bore.	2.00	Each	710.00	1420.00	INR One Thousand Four Hundred & Twenty Only
1.74	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete : 100 mm diameter	25.00	Meter	206.00	5150.00	INR Five Thousand One Hundred & Fifty Only
1.75	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete as per standard design : 100 mm diameter S.W. pipe	25.00	Meter	350.00	8750.00	INR Eight Thousand Seven Hundred & Fifty Only
1.76	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality M D - 10 Square shape 450 mm internal dimension	4.00	Each	1700.00	6800.00	INR Six Thousand Eight Hundred Only
1.77	Constructing soak pit 1.20x1.20x1.20 m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.	1.00	Each	26000.00	26000.00	INR Twenty Six Thousand Only
1.78	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 fixed portion Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	400.00	Kilogram	503.00	201200.00	INR Two Lakh One Thousand Two Hundred Only
1.79	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). Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	200.00	Kilogram	503.00	100600.00	INR One Lakh Six Hundred Only
1.80	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)	14.00	Sqm	1250.00	17500.00	INR Seventeen Thousand Five Hundred Only

1.81	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 Kg., for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge. With stainless steel cover plate minimum 1.25 mm thickness.	4.00	Each	3500.00	14000.00	INR Fourteen Thousand Only
1.82	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Upto 5mm depth and 5 mm width	37.00	Mtr	80.00	2960.00	INR Two Thousand Nine Hundred & Sixty Only
1.83	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 Engineer-in-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.	71.00	Sqm	602.00	42742.00	INR Forty Two Thousand Seven Hundred & Forty Two Only
1.84	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, upto 90 metre depth below ground level. All types of soil 300 mm dia	90.00	Metre	800.00	72000.00	INR Seventy Two Thousand Only
1.85	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, beyond 90 metre & upto 150 metre depth below ground level. All types of soil 300 mm dia	10.00	Metre	890.00	8900.00	INR Eight Thousand Nine Hundred Only

1.86	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (C/M) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge. 150 mm nominal size dia	30.00	Metre	980.00	29400.00	INR Twenty Nine Thousand Four Hundred Only
1.87	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge. 100 mm nominal size dia	70.00	Metre	1070.00	74900.00	INR Seventy Four Thousand Nine Hundred Only
1.88	Supplying, filling, spreading & leveling gravels of size range 5 mm to 10 mm, in the recharge pit, over the existing layer of boulders, in required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	6.00	Cum	1250.00	7500.00	INR Seven Thousand Five Hundred Only
1.89	Development of tube well in accordance with IS : 2800 (part I) and IS:11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "v" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, i/c disinfection of tubewell, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge.	10.00	Hour	1250.00	12500.00	INR Twelve Thousand Five Hundred Only
1.90	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for bore well of: 100 mm dia	1.00	Each	800.00	800.00	INR Eight Hundred Only
1.91	Providing and fixing M.S. clamp of required dia to the top of casing/ housing pipe of tubewell as per IS: 2800 (part I), including necessary bolts & nuts of required size complete. 100 mm clamp	1.00	Each	404.00	404.00	INR Four Hundred & Four Only
1.92	Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tubewell as per IS:2800 (part I). 100 mm dia	1.00	Each	620.00	620.00	INR Six Hundred & Twenty Only
1.93	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. : (a) External work 100mm dia nominal bore	150.00	Metre	1340.00	201000.00	INR Two Lakh One Thousand Only
2	(ELECTRICAL ITEMS)					
2.01	Supply of 2'x2' recessed type LED panel light with housing material - CRAC steel sheet, fixture should have minimum net efficacy at System level (Not Chip Level) >= 120 lumens/watt, luminous flux of 4200 lumen, Life of fixture 50000 hrs (minimum), CCT up to 6500K, CRI >80, PF >0.89, IP 20 and suitable for 180v- 270V AC, 50Hz. supply, Internal Surge Protection >= 3 KV. The fixture should comply with the parameters as per ISI10322 and IEC60598, EMC / EMI compliance, and LED driver shall be BIS registered & luminair manufacture shall provide LM79 report from NABL accredited lab & LM80 report issued by manufacturer and warranty for 05 years (minimum).	22.00	Each	2060.00	45320.00	INR Forty Five Thousand Three Hundred & Twenty Only
2.02	Supply of wide beam (minimum 60 degree) LED Flood Light fixture with housing material - Aluminum Alloy, Optic material - Polycarbonate with integrated electronic power supply unit, fixture should have minimum net efficacy at System level (Not Chip Level) >=120lumens/watt & minimum luminous flux of 9600 lumen, Life of fixture 50000hrs @ L70 lumen maintenance, CCT upto 5700K, CRI >70, PF >=0.95, IP-66, IK-07, and suitable for 150V-270V AC, 50Hz. supply minimum internal Surge Protection >= 4KV. The fixture should comply with the parameters as per ISI10322 and IEC60598, EMC / EMI compliance, and LED driver shall be BIS registered & luminair manufacture shall provide LM79 report from NABL accredited lab & LM80 report issued by LED manufacturer and warranty for 05 years (minimum). (Make- Bajaj, Model- PRAZE F 96L WH NB AS TG SD or Equivalent as per AAI preferred make list).	6.00	Each	3500.00	21000.00	INR Twenty One Thousand Only

2.03	Supply of LED street Light fixture with housing material - Aluminium Alloy/Optic material - Polycarbonate with integrated electronic power supply unit, fixture should have minimum net efficacy at System level (Not Chip Level) >=120lumens/watt & minimum luminous flux of 5400 lumen, Life of fixture 50000hrs @ L70 Lumen maintenance, CCT upto 5700K, CRI >70, PF >=0.95, IP-66, IK-08, and suitable for 150V-275V AC, 50Hz. supply minimum internal Surge Protection >= 4KV. The fixture should comply with the parameters as per IS10322 and IEC60598, EMC / EMI compliance, and LED driver shall be BIS registered & luminaire manufacturer shall provide LM79/report from NABL accredited lab & LM80 report issued by LED manufacturer and warranty for 05 years (minimum). (Make- Bajaj, Model- ENXT P 54 L WH PO PC SD MT or Equivalent as per AAI preferred make list).	12.00	Each	2240.00	26880.00	INR Twenty Six Thousand Eight Hundred & Eighty Only
2.04	Supply of 4 ft LED batten Tube Light fixture with housing material - Extruded aluminium housing, Optic material - Polycarbonate with integrated electronic power supply unit, fixture should have minimum net efficacy at System level (Not Chip Level) >=100 lumens/watt & minimum luminous flux of 2000 lumen, Life of fixture 25000hrs @ L70 Lumen maintenance, CCT upto 6500K, CRI >80, PF >=0.95, IP-22 and suitable for 150V-270V AC, 50Hz. supply minimum internal Surge Protection >= 3KV. The fixture should comply with the parameters as per IS10322 and IEC60598, EMC / EMI compliance, and LED driver shall be BIS registered & luminaire manufacturer shall provide LM79/report from NABL accredited lab & LM80 report issued by LED manufacturer and warranty for 05 years (minimum).	8.00	Each	350.00	2800.00	INR Two Thousand Eight Hundred Only
2.05	Supply of Emergency Light (Make:-Philips, Model :Slimray rechargeable emergency light ,60 LED or Equivalent from preferred make list).	6.00	Each	1520.00	9120.00	INR Nine Thousand One Hundred & Twenty Only
2.06	Supply of Portable LED rechargeable Emergency Light (Make:-Havells, Model :GALAXY NEO LANTERN or Make:-Bajaj, Model :ELX 36 LED or Equivalent approved make).	4.00	Each	1520.00	6080.00	INR Six Thousand & Eighty Only
2.07	Supply of 1200mm dia sweep BEE 5 star BLDG ceiling fan having 5 years warranty from OEM with remote all standard accessories etc., complete as required.	5.00	Each	3500.00	17500.00	INR Seventeen Thousand Five Hundred Only
2.08	Supply of 300mm sweep, up to 1400RPM heavy duty exhaust fan with 2 years warranty from OEM with all standard accessories etc., complete as required (Bajaj, Model no. Freshie or equivalent approved make).	7.00	Each	2202.00	15414.00	INR Fifteen Thousand Four Hundred & Fourteen Only
2.09	Supply of 0.5HP, single phase, 230 V openwell submersible pump with starter panel board (Make : Kirloskar Model KOSI-0520 or equivalent in approved make).	2.00	Each	7200.00	14400.00	INR Fourteen Thousand Four Hundred Only
2.10	Supply of XLPE insulated and PVC sheathed aluminium conductor armoured cable of 1.1 KV grade conforming to IS : 7098 (Part-I) /1988 with upto date amendments etc.,as required of following sizes : a) 4C X 16 Sq.mm	400.00	Meter	206.00	82400.00	INR Eighty Two Thousand Four Hundred Only
2.11	Supply of XLPE insulated and PVC sheathed aluminium conductor armoured cable of 1.1 KV grade conforming to IS : 7098 (Part-I) /1988 with upto date amendments etc.,as required of following sizes : b) 3.5 C X 35 Sq.mm	300.00	Meter	270.00	81000.00	INR Eighty One Thousand Only
2.12	Supply of XLPE insulated and PVC sheathed aluminium conductor armoured cable of 1.1 KV grade conforming to IS : 7098 (Part-I) /1988 with upto date amendments etc.,as required of following sizes : c) 3.5 C X 150 Sq.mm	250.00	Meter	890.00	222500.00	INR Two Lakh Twenty Two Thousand Five Hundred Only
2.13	Supply of 50mm dia (O.D.) HDPE (High Density Polyethylene) Pipe of grade PE80, PN6, ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 4984:1995 with latest amendments complete as required.	500.00	Meter	80.00	40000.00	INR Forty Thousand Only
2.14	Laying of 50mm dia (O.D.) HDPE pipe along with all accessories like socket, bend, couplers etc. 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.	500.00	Meter	80.00	40000.00	INR Forty Thousand Only
2.15	Excavation of the cable trenches in hard rock not exceeding 1.5 metres in width, and lift upto 1.5 metres, including getting out the excavated soil and disposal of excavated soil as directed within a lead of 50 meters.	30.00	Cum	800.00	24000.00	INR Twenty Four Thousand Only

2.16	Providing, laying and fixing 100 mm dia G.I. pipe (medium class) in concrete / bituminous road / paver block complete with G.I. fittings including trenching (50 cm deep) and re-filling and making the same as it is by providing concrete/ paver block etc complete as required.	66.00	Meter	1700.00	112200.00	INR One Lakh Twelve Thousand Two Hundred Only
2.17	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required. Upto 35 sq. mm	30.00	Meter	350.00	10500.00	INR Ten Thousand Five Hundred Only
2.18	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required. Above 95 sq. mm and upto 185 sq. mm	100.00	Meter	350.00	35000.00	INR Thirty Five Thousand Only
2.19	Laying of one number additional PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground in the same trench in one tier horizontal formation including excavation, sand cushioning, protective covering and refilling the trench etc as required. Upto 35 sq. mm	30.00	Meter	260.00	7800.00	INR Seven Thousand Eight Hundred Only
2.20	Laying of one number additional PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground in the same trench in one tier horizontal formation including excavation, sand cushioning, protective covering and refilling the trench etc as required. Above 95 sq. mm and upto 185 sq. mm	100.00	Meter	260.00	26000.00	INR Twenty Six Thousand Only
2.21	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/HDPE pipe as required. Upto 35 sq. mm	500.00	Meter	26.00	13000.00	INR Thirteen Thousand Only
2.22	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/HDPE pipe as required. Above 95 sq. mm and upto 185 sq. mm	20.00	Meter	53.00	1060.00	INR One Thousand & Sixty Only
2.23	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required. Upto 35 sq. mm (clamped with 1mm thick saddle)	20.00	Meter	44.00	880.00	INR Eight Hundred & Eighty Only
2.24	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)	110.00	Meter	35.00	3850.00	INR Three Thousand Eight Hundred & Fifty Only
2.25	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. Above 95 sq. mm and upto 185 sq. mm (clamped with 25x3mm MS flat clamp)	20.00	Meter	89.00	1780.00	INR One Thousand Seven Hundred & Eighty Only
2.26	Supply, Installation & Erection of 5 Mtr height hot dip galvanized octagonal pole of top minimum dia 70mm & Bottom minimum dia 130mm and 3mm thickness, minimum base plate of size 200x200x12mm welded to bottom of the pole having hinged lockable Terminal box door along with 4 Nos. foundation bolts with single arm tilt bracket of length approx. 600 mm for mounting of fitting suitable to mount for street light fittings at top including supply of foundation bolts manufactured from special steel along with nuts, washers etc., providing bake lite sheet with stud type 4 pole connectors of suitable rating, DIN Rail for mounting of MCB in the terminal box, 5A-32A DP MCB, 3Cx1.5 sq mm cu cable from connector to fitting connector, etc. as required. Erecting the same on cement concrete foundation with a concrete mixture of 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation which also includes excavation and refilling, providing minimum 2 nos of L shape HDPE pipe in pole from bottom side etc. as required as site requirement and specification.	10.00	Each	8900.00	89000.00	INR Eighty Nine Thousand Only

	Providing, Installing, Testing and Commissioning of 'Silent Type' Diesel Generating set alongwith having Prime Power Rating of 25 KVA, 3 Phase, 50 Hz, 415 V AC System, complying to CPCB IV+, comprising of Diesel Engine, Alternator, Engine Mounted Instrument panel, Sound Attenuated Acoustic and weather proof enclosure as required complete with all other accessories as per specifications and as required. (A) Diesel Engine: Diesel engine 4 stroke water cooled, electric start, of suitable BHP at 1500 RPM suitable for above output of alternator at 46 Degree C, 50% RH & at 112 Meter above sea level elevation and conforming to BS 5514, BS 649, IS 10000, capable of taking 10% over loading for one hour after 12 hours of continuous operation. The engine will be fitted complete with all the required accessories. (B) Engine mounted Instrument Panel fitted with and having digital display for following: (i) Start-stop switch with key (ii) Water temperature indication (iii) Lubrication oil pressure indication (iv) Lubrication oil temperature indication (v) Battery charging indication (vi) RPM indication (vii) Over speed indication (viii) Low lub. Oil trip indication (ix) Engine Hours indication (C) Alternator: Synchronous alternator rated at 25 KVA, 415 V at 1500 RPM, 3 phase, 50 Hz, AC supply with 0.8 lagging power factor at 46 Degree C. The alternator shall be having SPD enclosure, brushless, continuous duty, self-excited and self-regulated through AVR/DVR conforming to IS: 4722/BS 2613 suitable for tropical conditions and with class-H insulation.					
2.27	(D) Base Frame & Foundation: Both the engine and alternator shall be mounted on suitable base frame made of MS channel with necessary reinforcement which shall be installed on suitable cement concrete foundation and vibration isolation arrangement as per recommendations of manufacturer. (E) Fuel Tank: Daily service fuel tank of 300 liters capacity fabricated out of 3 mm thick M.S. sheet complete with flanged inlet & outlet, overflow, drain, vent, valves, high & low level indicator and all other standard accessories and fuel piping between fuel tank and diesel engine with MS class 'C' pipes of suitable dia. Complete with accessories as required as per specifications. (F) Exhaust System: Dry exhaust manifold with hospital exhaust silencer and catalytic converter, SS braided rubber expansion bellows/joints, exhaust piping upto silencer etc. as required. (G) Starting System: 12V/24V DC starting system comprising of starter motors: voltage regulator and arrangement for initial excitation complete with suitable nos. of batteries (25 plates, 180 Amp. Hour capacity lead acid type) as required as per specific cations. (H) Other Accessories/Equipment: i) Engine mounted Instrument panel with microprocessor based fully integrated generating set controller (PCC 3.3 / WOODWARD / DEIF or equivalent) having digital display & control devices for safety and monitoring alongwith indicators as required as per specifications. ii) Terminal Arrangement suitable for upto 120sq mm aluminium armoured cable connections, initial charging of lubricants, coolants etc. All the above (except Day Oil tank) housed in an Acoustic and weather proof enclosure of thickness not less than 16 SWG CRCA sheet steel with arrangement for fresh air intake for cooling of the engine & alternator, extraction, discharging hot air into the atmosphere complying to CPCB norms etc. complete as required. Diesel Generating set (25 KVA) as described above.	2.00	Job	444410.00	888820.00	INR Eight Lakh Eighty Eight Thousand Eight Hundred & Twenty Only

2.28	Fabricating, Supply, Installing, Testing & Commissioning of Automatic Mains Failure (AMF) panel suitable for 25 KVA silent type DG set complete with relays, timers, set of CTs for metering & protection and energy analyzer to indicate currents, phase and line voltages, frequency, power factor, KWH, KVARH & provision for overload, short circuit, restricted earth fault, under frequency, control cabling from AMF panel to diesel engine and elsewhere if required, all complete and inter locking including the following facilities: a) 1 Nos. of 63A, 4 pole Electrically operated MCCB with 50 kA (Icu= 100% Ics) having Microprocessor based releases for O/L, S/C & E/F . b) Auto/Manual/Test/Off selector switch c) 2 Nos. over voltage relay, 2 Nos. reverse power relay and 2 Nos. under voltage relay. d) 3 Sets of current transformers 15 P 10 accuracy for protection and 15 VA class-I for metering e) Energy analyser unit to indicate current, voltage, frequency ,power factor and KWH. d) Indicating lamps for load on mains and load on set. e) Fuse / MCBs for instruments. f) Battery charger, complete with transformer/ rectifier, D.C. voltmeter and ammeter, selector switch for trickle, off and boost and current adjustment. g) Main supply failure monitor, supply failure timer and restoration timer. h) Control unit with three impulse automatic engine start/stop and failure to start lockout. i) ON/OFF/Control circuit switch with indicator. j) Audio/Video annunciation for High water temperature, Low lubricating oil pressure, Engine over speed, Engine fails to start, Full load/maximum load warning.	2.00	Job	809000.00	1618000.00	INR One Lakh Sixty One Thousand Eight Hundred Only
2.29	Design, fabrication, supply, installation, testing and commissioning of double door, weather proof, dust & vermin proof, duly painted, fully compartmentalised free standing type outdoor type Floor Mounted panel (with IP 54 protection) fabricated from 2mm thick CRCA sheet including making suitable size concrete foundation, suitable angle/ channels frame, providing suitable size of HDPE bend pipe in foundation for cable entry, supply and fixing of following switchgears and accessories complete with busbars, glands plates, neutral link, interconnections, earth connections, CT's, ammeter and voltmeter with selector switches and LED phase indicating lamps etc complete as required as per tender specifications, site requirement and approved make. Incomer: 160A, MCCB, 4P, 50 kA (Icu= 100% Ics) with extended rotary handle and spreaders - 02 Nos. Multi function meter (Shows Voltage, Current, Power, Energy & Frequency) with 3 line LCD Display of size 96 x 96 mm. - 02 Nos. Indication Lamp R, Y & B (LED Type) -02 set 160A, Onload Manual changeover, 4P, Short-circuit making capacity (Icm> 12kA peak), Short time withstand (Icw> 7 kA rms at 1 sec) with Outgoing : 63A, MCCB, 4P, 35-37 KA (Icu= 100% Ics) with extended rotary handle - 06 Nos. Indication Lamp R & G (LED type) - 06 Set Other : 200A AL busbar, 4 Pole Mechanical key lock (2 Lock + 2 Key) Necessary CT & Control wiring arrangement Power terminal Block and other accessories Three Phase Surge Protection Device (SPD) having nominal discharge current (L-N/N-PE) =25 /100 kA (8/20 us) Lightning impulse current (L1 + L2 + L3 + N -PE=100kA (10/350 us) & (L-N / N-PE = 25/100 kA) with voltage protection level <=1.5 kV (L-N/N-PE) including all accessories for installing on the mains power entry point at the busbar shall be of modular type. [Make:-DEHN Model No. DV M TT 255 FM (951 315) or Supply & fixing of 1Mtr wide & 2MM Thick, ISI marked Electrical Insulating Mats Confirming to IS: 15652 / 2006 with help of SR 998 Adhesives, Working voltage upto 3.3 KV.	1.00	Job	440000.00	440000.00	INR Four Lakh Forty Thousand Only
2.30		50.00	Meter	980.00	49000.00	INR Forty Nine Thousand Only

2.31	Supplying and installing following size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required. 150 mm width X 50 mm depth X 1.6 mm thickness	50.00	Meter	980.00	49000.00	INR Forty Nine Thousand Only
2.32	Supplying and installing following size of perforated painted with powder coating M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc as required. 300 mm width X 62.5 mm depth X 2.0 mm thickness	50.00	Meter	170.00	8500.00	INR Eight Thousand Five Hundred Only
2.33	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with heavy duty cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required.	8.00	Set	6200.00	49600.00	INR Forty Nine Thousand Six Hundred Only
2.34	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	6.00	Set	14300.00	85800.00	INR Eighty Five Thousand Eight Hundred Only
2.35	Earthing with G.I. earth pipe (B class) 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.	2.00	Set	6200.00	12400.00	INR Twelve Thousand Four Hundred Only
2.36	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	80.00	Meter	710.00	56800.00	INR Fifty Six Thousand Eight Hundred Only
2.37	Providing and fixing 25 mm X 5 mm GI strip on surface or in recess for connections etc. as required.	30.00	Meter	206.00	6180.00	INR Six Thousand One Hundred & Eighty Only
2.38	Providing and fixing 25 mm X 5 mm copper strip in 40 mm dia G.I. pipe from earth electrode including connection with steel nut, bolt, spring, washer excavation and re-filling etc. as required.	50.00	Meter	1700.00	85000.00	INR Eighty Five Thousand Only
2.39	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	20.00	Meter	2420.00	48400.00	INR Forty Eight Thousand Four Hundred Only
2.40	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required.	1500.00	Meter	44.00	66000.00	INR Sixty Six Thousand Only
2.41	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. 4C X 16 sq. mm (28mm)	10.00	Each	404.00	4040.00	INR Four Thousand & Forty Only
2.42	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. 3.5 C X 35 sq. mm (32mm)	20.00	Each	440.00	8800.00	INR Eight Thousand Eight Hundred Only
2.43	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. 3.5 C X 150 sq. mm (50mm)	4.00	Each	980.00	3920.00	INR Three Thousand Nine Hundred & Twenty Only
2.44	Supplying and drawing 3 x 2.5 sqmm FRLS PVC insulated flat submersible copper conductor, 3 core cable in 2mm thick 25mm dia surface/ recessed PVC conduit etc. as per site requirement.	50.00	Meter	152.00	7600.00	INR Seven Thousand Six Hundred Only

2.45	SITC of on load manual TPN change over switch-disconnector in sheet steel encloser , 63A , 415V,50Hz, 4 Pole etc as per site requirement (Make: L&T, model :CO106300SOO or equivalent approved make)	1.00	Each	7100.00	7100.00	INR Seven Thousand One Hundred Only
2.46	Supplying and fixing of 32mm dia G.I. pipe (medium class) of length 01 Mtr. for installation of street light fitting including bending the pipe to the required shape and clamp arrangement complete as required.	10.00	Each	557.00	5570.00	INR Five Thousand Five Hundred & Seventy Only
2.47	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting/LED fitting of all types upto height of 8 meter, complete with all accessories and tube etc. directly on ceiling/false ceiling/ wall/ Pole/Banner,including connection with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required. (supporting structure for fitting , rectification of reducer or adjustment of angle of light or minor cutting and welding etc as per site requirement and stairs/ scaffolding will be under scope of this item)	36.00	Job	206.00	7416.00	INR Seven Thousand Four Hundred & Sixteen Only
2.48	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required.	5.00	Each	278.00	1390.00	INR One Thousand Three Hundred & Ninety Only
2.49	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required. Upto 450 mm sweep	7.00	Each	350.00	2450.00	INR Two Thousand Four Hundred & Fifty Only
2.50	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. FRLS PVC insulated copper conductor single core cable etc as required.	38.00	Point	1700.00	64600.00	INR Sixty Four Thousand Six Hundred Only
2.51	Group C 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 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	100.00	Meter	350.00	35000.00	INR Thirty Five Thousand Only
2.52	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 4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire	50.00	Meter	440.00	22000.00	INR Twenty Two Thousand Only
2.53	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required	185.00	Meter	350.00	64750.00	INR Sixty Four Thousand Seven Hundred & Fifty Only
2.54	Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 2 Nos 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	75.00	Meter	557.00	41775.00	INR Forty One Thousand Seven Hundred & Seventy Five Only
2.55	Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. 25 mm dia	50.00	Meter	260.00	13000.00	INR Thirteen Thousand Only
2.56	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 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connections etc. as required.	70.00	Each	710.00	49700.00	INR Forty Nine Thousand Seven Hundred Only

2.57	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	10.00	Each	35.00	350.00	INR Three Hundred & Fifty Only
2.58	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required. 1 or 2 Module (75 mmX75 mm)	6.00	Each	305.00	1830.00	INR One Thousand Eight Hundred & Thirty Only
2.59	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB 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 and looping loop out box etc. as required. (But without MCB/RCCB/isolator) 6 way (8 + 18), Double door	2.00	Each	6200.00	12400.00	INR Twelve Thousand Four Hundred Only
2.60	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB 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 and looping loop out box etc. as required. (But without MCB/RCCB/isolator) 8 way (8 + 24), Double door	1.00	Each	7100.00	7100.00	INR Seven Thousand One Hundred Only
2.61	Supplying and fixing 32 A, 415 V, TPN industrial type socket outlet having, 5 pin, with 4 pole and earth, metal enclosed plug top alongwith 32 A "C" curve, TPNMCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	1.00	Each	3500.00	3500.00	INR Three Thousand Five Hundred Only
2.62	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	6.00	Each	2402.00	14412.00	INR Fourteen Thousand Four Hundred & Twelve Only
2.63	Supplying and fixing 63A rating, four poles, (three phase and neutral) 415 Volts, 10kA MCB in the existing MCB DB complete with connections, testing and commissioning etc. as required.	5.00	Each	2600.00	13000.00	INR Thirteen Thousand Only
2.64	Supplying and fixing 63A rating, Four pole, (Three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 300 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.	5.00	Each	4400.00	22000.00	INR Twenty Two Thousand Only
2.65	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. Single pole	60.00	Each	305.00	18300.00	INR Eighteen Thousand Three Hundred Only
2.66	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	10.00	Each	26.00	260.00	INR Two Hundred & Sixty Only
2.67	SITC of 2023 model, 1.5 TR, 5 Star, wall mounted Split type Air conditioner Unit with inverter technology conforming to IS : 1391 (Part-2) -1992 with latest Amendments, fitted with Rotary or Reciprocating compressor operating on refrigerant R-32 suitable for 230V, 50 Hz single phase AC supply, capable of performing the functions as cooling, dehumidification, air circulating and filtering, complete with compressor, copper evaporators, air cool copper condenser, connected refrigerant copper piping (Minimum 3 Mtr.) with Nitrile rubber insulation, copper cable as per OEM recommendation (minimum 3 mtr), including suitable heavy duty M/S Stand for outdoor unit, Standard drain pipe, including all accessories etc. as per technical specification and as per site requirement. AC should have 10 year for compressor and 5 year for PCB warranty from OEM [Make LG : Model : RS-Q19ENZE or Make- Daikin, Model- MTKM50U equivalent from list of approved make]	6.00	Each	40400.00	242400.00	INR Two Lakh Forty Two Thousand Four Hundred Only

2.68	Providing of extra refrigerant piping, copper cabling insulating with foam between indoor and outdoor units etc as required.	35.00	Meter	602.00	21070.00	INR Twenty One Thousand & Seventy Only
2.69	Providing and fixing of 20mm inner dia CPVC drain pipe for drain water for AC unit to nearest drain point including CPVC Elbow, CPVC Tee, CPVC Coupler, Reducer, solvent, clamp, etc as per site requirement.	50.00	Meter	170.00	8500.00	INR Eight Thousand Five Hundred Only
2.70	SITC of 1 phase module, 24 Hours Programmable Digital Automatic Time Switch, 240V, 50Hz, etc in suitable Enclosure as per site requirement (Make- Legrand, Cat No- 412631, Model- APHAREX D22 or equivalent AAI approved make)	5.00	Job	4400.00	22000.00	INR Twenty Two Thousand Only
2.71	SITC of 4 KVA rating automatic voltage stabilizer suitable for operation on 130 V - 280 V, 1/P single phase, AC Supply with high/low voltage cut of time delay 2-3 min with O/P voltage 220 V + 9% I/C cable lead confirming to IS-specification etc. as required. (Make : V-Guard VWR400 or Make-microtek model-EM-4130+ or equivalent from preferred make)	6.00	Each	4400.00	26400.00	INR Twenty Six Thousand Four Hundred Only
2.72	Providing and fixing of following CO2 High Pressure Portable Fire Extinguisher, filled with CO2 Gas as per IS 15222, Control discharge mechanism fitted with 1 Meter Wire Braided Hose & Flat Horn with Diffuser Nozzle for dispersed discharge of CO2, Applicable on Class B, C and electrically started Fire, Fire Rating 21B, External coating is of enamel spray painting, Valve Confirm to IS 3224 ISI Marked, CO2 Cylinder construction : hot spinning by seamless pipes & bearing ISI mark, Body confirms to IS 7285 and PESO APPROVED, Extinguishers confirmed to IS 15683:2006 and ISI marked.	4.00	Each	4400.00	17600.00	INR Seventeen Thousand Six Hundred Only
2.73	Providing and fixing of following CO2 High Pressure Portable Fire Extinguisher, filled with CO2 Gas as per IS 15222, Control discharge mechanism fitted with 1 Meter Wire Braided Hose & Flat Horn with Diffuser Nozzle for dispersed discharge of CO2, Applicable on Class B, C and electrically started Fire, Fire Rating 21B, External coating is of enamel spray painting, Valve Confirm to IS 3224 ISI Marked, CO2 Cylinder construction : hot spinning by seamless pipes & bearing ISI mark, Body confirms to IS 7285 and PESO APPROVED, Extinguishers confirmed to IS 15683:2006 and ISI marked.	1.00	Each	17000.00	17000.00	INR Seventeen Thousand Only
2.74	Providing and fixing of Dry Chemical Powder (UL Listed MAP-50% ABC) 6 Kg, Stored Pressure Type, UGTS Pressure Gauge, Controllable discharge mechanism, Jet Range 5 Meters, applicable on Class A, B & C and electrically started Fire, A Rating- 3A, B Rating 21B, Can Construction : Deep drawn & CO2 Mig welded, CE Marked Valve with inbuilt NRV & Safety Release Provision, EPDM Rubber Hose with both end Aluminum clamped, External Coating - Pure Polyester Powder coating (UV Resistant), Brass forged valves with safety Pin is of SS material, Helium Leak Detection Tested, ISI Approved IS 15683:2006 and CE Certified.	3.00	Each	2060.00	6180.00	INR Six Thousand One Hundred & Eighty Only
2.75	Providing and fixing of lightning conductor finial, made of 19 mm dia 1000 mm long, CU. Tube with 100x100x6mm base plate and having trident at top fixed on 40 mm dia G.I. pipe including anchor fastener etc. complete as required.	4.00	Each	6300.00	25200.00	INR Twenty Five Thousand Two Hundred Only
2.76	Providing and fixing copper tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required. (For horizontal and vertical run)	90.00	Meter	710.00	63900.00	INR Sixty Three Thousand Nine Hundred Only
Total in Figures					15137601.00	INR One Crore Fifty One Lakh Thirty Seven Thousand Six Hundred & One Only
Quoted Rate in Words	INR One Crore Fifty One Lakh Thirty Seven Thousand Six Hundred & One Only					