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Percentage BoQ

Tender Inviting Authority:STAFF OFFICER CIVIL

Name of Work: Provision of Well-equipped cabins at Entry & Exit point of mine with proper arrangement of paved approach to the cabin area for fixing RFID & Boom barrier at Tapin South OCP, Tapin North OCP, Parej East OCP, Kedla

	Category of Services (To Be Selected by Department)	Category of Bidder(To Be Selected by Bidder)	To Be Entered by Department		
ITC Not Available	Works Contract	Bidder's Status (Mandatory)	Rate of GST (in %)	GST to be Paid By Bidder (in Rs.)	GST to be Paid By CIL/Subsidiary (in Rs.)
Name of the Bidder/ Bidding Firm / Company :		Select	18.00	0.00	0.00

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1	Item Description/ Heading					
1.01	PEOCP Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the	9.15	cum	188.45	1724.32	INR One Thousand Seven Hundred & Twenty Four and Paise Thirty Two Only
1.02	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete	1.65	cum	1844.00	3042.60	INR Three Thousand & Forty Two and Paise Sixty Only
1.03	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 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	2.03	cum	5167.75	10490.53	INR Ten Thousand Four Hundred & Ninety and Paise Fifty Three Only
1.04	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	6.30	cum	5322.15	33529.55	INR Thirty Three Thousand Five Hundred & Twenty Nine and Paise Fifty Four Only
1.05	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 : 5.1.2 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)	1.30	cum	7365.50	9575.15	INR Nine Thousand Five Hundred & Seventy Five and Paise Fifteen Only
1.06	Lintels, beams, plinth beams, girders, bressumers and cantilevers	10.38	sqm	470.70	4885.87	INR Four Thousand Eight Hundred & Eighty Five and Paise Eighty Seven Only

1.07	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.	103.78	kg	75.85	7871.71	INR Seven Thousand Eight Hundred & Seventy One and Paise Seventy One Only
1.08	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	8.46	cum	114.40	967.82	INR Nine Hundred & Sixty Seven and Paise Eighty Two Only
1.09	designed cold form Light Gauge Steel Framed super structure comprising of steel wall panel, trusses, purlins etc manufactured out of minimum 0.75 mm thick steel sheet as per design requirements. The steel sheet shall be galvanized (AZ 150gms Aluminium Zinc Alloy coated steel having minimum yield strength 300-550 Mpa) conforming to AISI specifications and IBC 2009 for cold formed steel framing and construction and also as per IS: 875-1987, ISO 800-1984 and IS:801- 1975. The wind load shall be as per provisions of IS 875 (part -III). LGSFS frame shall be designed as per IS: 801 using commercially available software such as Frame CAD Pro-11.7/ STAAD PRO-V8i/ArchitekV2.5.16/ Revit architecture-2011 or equivalent. Proper usage of Connection Accessories like Heavy Duty Tension Ties, Light Duty Hold-ons, Twist Straps (to connect truss with wall frames), Strong Tie, Tie Rod, H-Brackets, Boxing Sections, L-Shaped Angles for better structural stability. The framing section shall be cold form C-type having minimum web depth 89 mm x 39mm flange x 11mm lip in required length as per structural design requirement duly punched with dimple/slot at required locations as per approved drawings. The slots will be along centre line of webs and shall be spaced minimum 250mm away from both ends of the member. The frame can be supplied in panelized or knock down condition in specific dimensions and fastened with screws extending through the steel beyond by minimum of three exposed threads. All self drilling tapping screws for joining the members shall have a Type II coating in accordance with ASTM B633(13) or equivalent corrosion protection of gauge 10 & 12, TPI 16 & 8 of length 20mm. The frames shall be fixed to RCC slab or Tie beam over Neoprene rubber using self expanding carbon steel	791.45	kg	199.10	157577.70	INR One Lakh Fifty Seven Thousand Five Hundred & Seventy Seven and Paise Seventy Only
1.10	Providing and fixing of external wall system on Light gauge steel frame work with outer face cement boards as per standard sizes fixed with self- drilling / tapping screws / fasteners @ 60cm c/c of approved make. A groove of 2 mm to 3mm shall be maintained and grooves shall be sealed with silicon based sealant. The board shall be fixed in a staggered pattern. Screws shall be of counter sunk rib head of 1.60mm to 4 mm thick or 8 to 10 gauge of length varying from 25 to 45 mm and. Internal face 12.5 mm thick gypsum plaster board fixed on cement board as per standard sizes fixed with self- drilling / tapping screws / fasteners @ 60cm c/c of approved make, proper taping and jointing to be done using fiber mesh tape and epoxy and acrylic based jointing compound for seamless finish.(cost of frame work to be paid for separately) 26.42.1 Outer face: Outer face having 6mm thick fiber cement board fixed on 9mm thick fiber cement board, Type A, as per IS:14862:2000 (high pressure steam cured) Inner Face :- 12.5 mm thick gypsum plaster board conforming to IS 2095:2011 fixed on 8 mm thick fibre cement board conforming to IS:14862:2000 of type B (High pressure steam cured)	101.17	sqm	2803.15	283594.69	INR Two Lakh Eighty Three Thousand Five Hundred & Ninety Four and Paise Sixty Nine Only

1.11	<p>Providing and fixing internal wall panels on Light gauge steel frame work with 12.5mm thick gypsum plaster board conforming IS 2095:2011 fixed on cement board as per standard sizes fixed with self-drilling / tapping screws / fasteners @ 60cm c/c of approved make, Screws shall be of counter sunk rib head of 1.60mm to 4 mm thick or 8 to 10 gauge of length varying from 25 to 45 mm. Proper taping and jointing to be done using fiber mesh tape and epoxy and acrylic based jointing compound for seamless finish.(cost of frame work to be paid for separately</p> <p>26.43.2 Cement Bonded particle board 8 mm (Termite, Fire & Moisture Resistance), as per IS:14276 : 1995</p>	38.57	sqm	1599.15	61679.22	INR Sixty One Thousand Six Hundred & Seventy Nine and Paise Twenty Two Only
1.12	<p>Providing and fixing in position, 230mm thick factory made Expanded Polystyrene Core (EPS Core) roof/floor panels made of 3 mm dia G.I. wire mesh with 50 mm pitch in both the directions and on both faces of panel, kept at 120 135 mm gap and connected by the zig zag G.I. wire of 3 mm dia at alternate row by welding (at an angle ranging from 50-70 degree). The EPS core shall consist of 100 mm thick EPS of density not less than 20kg/ per cum. The bottom side of the panel shall be finished by applying a layer of 60-65 mm thick cement mortar 1: 3 (1 cement: 3 coarse sand (not having more than 40% stone chips of size upto 6 mm)) } } with the help of shotcreting equipment etc at a pressure of not less than 1 bar (100Kn/m2) and surface finished with trowel. The top face of the panel shall be provided and finished by applying 70-75 mm thick layer of cement 2121 SUB HEAD : 26- NEW TECHNOLOGIES AND MATERIALS concrete 1:1.5: 3 (1 cement :1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size). Fixing operations of roof/floor panels shall be completed in all respect as per drawings and specifications and under the overall direction of the Engineer-in-charge</p>	27.01	sqm	3662.40	98921.42	INR Ninety Eight Thousand Nine Hundred & Twenty One and Paise Forty Two Only
1.13	<p>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.</p>	18.58	sqm	752.85	13987.95	INR Thirteen Thousand Nine Hundred & Eighty Seven and Paise Ninety Five Only
1.14	<p>Providing and laying gang saw cut 18 mm thick, mirror polished pre moulded and pre polished machine cut granite stone of required size and shape of approved shade, colour and texture in footpath in road side plazas and similar locations, laid over 20mm thick base of cement mortar 1:4 (1cement : 4 coarse sand) including grouting the joints with white cement mixed with matching pigment, epoxy touch ups etc. complete as per direction of Engineer-in-Charge. 16.86.1 With granite stone of area less than 0.50 sqm.</p>	14.97	sqm	3466.35	51891.26	INR Fifty One Thousand Eight Hundred & Ninety One and Paise Twenty Six Only
1.15	<p>Construction of cement concrete kerb with top and bottom width 115 and 165 mm respectively, 250 mm high in M 20 grade PCC on M-10 grade foundation 150 mm thick, foundation having 50 mm projection beyond kerb stone, kerb stone laid with kerb laying machine, foundation concrete laid manually, all complete as per clause 408</p>	37.62	m	345.00	12978.90	INR Twelve Thousand Nine Hundred & Seventy Eight and Paise Ninety Only

1.16	fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably	14.97	Sqm	1037.85	15536.61	INR Fifteen Thousand Five Hundred & Thirty Six and Paise Sixty One Only
1.17	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) : 21.1.1 For fixed portion 21.1.1.1 Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	44.82	Kg	367.10	16453.42	INR Sixteen Thousand Four Hundred & Fifty Three and Paise Forty Two Only
1.18	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) 21.1.2.1 Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15	35.47	kg	434.00	15393.98	INR Fifteen Thousand Three Hundred & Ninety Three and Paise Ninety Eight Only
1.19	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): 5 mm thick float glass	17.98	sqm	1090.10	19600.00	INR Nineteen Thousand Five Hundred & Ninety Nine and Paise One Hundred Only

1.20	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge	3.88	sqm	789.70	3064.04	INR Three Thousand & Sixty Four and Paise Four Only
1.21	Supplying and installation of delineators (road way indicators, hazard markers, object markers), 80-100 cm high above ground level, painted black and white in 15 cm wide strips, fitted with 80 x 100 mm rectangular or 75 mm dia circular reflectorised panels at the top, buried or pressed into the ground and conforming to IRC-79 and the drawings.	40.00	nos.	821.00	32840.00	INR Thirty Two Thousand Eight Hundred & Forty Only
1.22	Provision of rumble strips	27.00	m	2000.00	54000.00	INR Fifty Four Thousand Only
1.23	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge. 80 mm thick C.C. paver block of M-30 grade with approved color design and pattern.	250.00	sqm	805.10	201275.00	INR Two Lakh One Thousand Two Hundred & Seventy Five Only
1.24	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 piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required	6.00	Points	1000.00	6000.00	INR Six Thousand Only
1.25	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed PVC conduit as required 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	35.00	Meter	227.00	7945.00	INR Seven Thousand Nine Hundred & Forty Five Only
1.26	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required 5/6 amps switch	7.00	Each	41.00	287.00	INR Two Hundred & Eighty Seven Only
1.27	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required 3 pin 5/6 A socket outlet	7.00	Each	56.00	392.00	INR Three Hundred & Ninety Two Only
1.28	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 A socket outlet and 15/16 A piano type switch, connections, painting etc. as required	2.00	Each	398.00	796.00	INR Seven Hundred & Ninety Six Only
1.29	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A "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	1.00	Each	1357.00	1357.00	INR One Thousand Three Hundred & Fifty Seven Only

1.30	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required 2 X 4 sq. mm + 1 X 4 sq. mm earth wire	25.00	Meter	279.00	6975.00	INR Six Thousand Nine Hundred & Seventy Five Only
1.31	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/wooden block including connections etc. as required	4.00	Each	69.00	276.00	INR Two Hundred & Seventy Six Only
1.32	Supplying and fixing brass batten/ angle holder including connection etc. as required	3.00	Each	105.00	315.00	INR Three Hundred & Fifteen Only
1.33	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required 150 mm X 75 mm X 60 mm deep	5.00	Each	172.00	860.00	INR Eight Hundred & Sixty Only
1.34	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 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. (But without MCB/RCCB/Isolator) 6 way, Double door	1.00	Each	1878.00	1878.00	INR One Thousand Eight Hundred & Seventy Eight Only
1.35	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 MOB DB complete with connections, testing and commissioning etc. as required. Single pole	4.00	Each	215.00	860.00	INR Eight Hundred & Sixty Only
1.36	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 MOB DB complete with connections, testing and commissioning etc. as required. Single pole and neutral	1.00	Each	515.00	515.00	INR Five Hundred & Fifteen Only
1.37	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MOB DB complete with connections, testing and commissioning etc. as required 40A	1.00	Each	371.00	371.00	INR Three Hundred & Seventy One Only
1.38	Installation of maintenance free chemical earthing 50 mm dia, 3m long with back filling compound chemical 4 bag (per bag 25 kg)	2.00	Each	11250.00	22500.00	INR Twenty Two Thousand Five Hundred Only
1.39	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing as required	35.00	Meter	129.00	4515.00	INR Four Thousand Five Hundred & Fifteen Only
1.40	Supply and fixing of service wire 6 sqmm 2 core copper cable, Unarmoured	40.00	Meter	159.00	6360.00	INR Six Thousand Three Hundred & Sixty Only
1.41	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	1.00	Each	410.00	410.00	INR Four Hundred & Ten Only
1.42	Erection of metallic pole of following length in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required Above 10.00 metre and upto 12.00 metre (for lightning arrester)	1.00	Each	6292.00	6292.00	INR Six Thousand Two Hundred & Ninety Two Only
1.43	Supply and fixing of 1.5T, 5-Star Split Air conditioner	1.00	Each	39406.78	39406.78	INR Thirty Nine Thousand Four Hundred & Six and Paise Seventy Eight Only
1.44	Supply and fixing of Volatge Stabilizer	1.00	Each	3627.12	3627.12	INR Three Thousand Six Hundred & Twenty Seven and Paise Twelve Only
1.45	Supply and fixing of 5-star BLDC Ceiling Fan	1.00	Each	2966.10	2966.10	INR Two Thousand Nine Hundred & Sixty Six and Paise Ten Only
1.46	Supply and fixing 22W LED Tubelight	2.00	Each	572.03	1144.06	INR One Thousand One Hundred & Forty Four and Paise Six Only
1.47	Supply and fixing 20W LED Bulb	2.00	Each	351.69	703.38	INR Seven Hundred & Three and Paise Thirty Eight Only
1.48	Providing Executive Table all complete as per the instruction of EIC	1.00	nos.	16016.95	16016.95	INR Sixteen Thousand & Sixteen and Paise Ninety Five Only

1.49	Executive Chair all complete as per the instruction of EIC	1.00	nos.	8218.64	8218.64	INR Eight Thousand Two Hundred & Eighteen and Paise Sixty Four Only
1.50	Computer Table all complete as per the instruction of EIC	2.00	nos.	3388.98	6777.96	INR Six Thousand Seven Hundred & Seventy Seven and Paise Ninety Six Only
1.51	Computer Chair all complete as per the instruction of EIC	2.00	nos.	1694.91	3389.82	INR Three Thousand Three Hundred & Eighty Nine and Paise Eighty Two Only
1.52	File Cabinet all complete as per the instruction of EIC	1.00	nos.	5083.05	5083.05	INR Five Thousand & Eighty Three and Paise Five Only
2.01	TNOCP Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the	9.15	cum	188.45	1724.32	INR One Thousand Seven Hundred & Twenty Four and Paise Thirty Two Only
2.02	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete	1.65	cum	1844.00	3042.60	INR Three Thousand & Forty Two and Paise Sixty Only
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2.10	<p>Providing and fixing of external wall system on Light gauge steel frame work with outer face cement boards as per standard sizes fixed with self- drilling / tapping screws / fasteners @ 60cm c/c of approved make. A groove of 2 mm to 3mm shall be maintained and grooves shall be sealed with silicon based sealant. The board shall be fixed in a staggered pattern. Screws shall be of counter sunk rib head of 1.60mm to 4 mm thick or 8 to 10 gauge of length varying from 25 to 45 mm and. Internal face 12.5 mm thick gypsum plaster board fixed on cement board as per standard sizes fixed with self- drilling / tapping screws / fasteners @ 60cm c/c of approved make, proper taping and jointing to be done using fiber mesh tape and epoxy and acrylic based jointing compound for seamless finish.(cost of frame work to be paid for separately) 26.42.1 Outer face: Outer face having 6mm thick fiber cement board fixed on 9mm thick fiber cement board, Type A, as per IS:14862:2000 (high pressure steam cured) Inner Face :- 12.5 mm thick gypsum plaster board conforming to IS 2095:2011 fixed on 8 mm thick fibre cement board confirming to IS:14862:2000 of type B (High pressure steam cured)</p>	101.17	sqm	2803.15	283594.69	INR Two Lakh Eighty Three Thousand Five Hundred & Ninety Four and Paise Sixty Nine Only

2.11	<p>Providing and fixing internal wall panels on Light gauge steel frame work with 12.5mm thick gypsum plaster board conforming IS 2095:2011 fixed on cement board as per standard sizes fixed with self-drilling / tapping screws / fasteners @ 60cm c/c of approved make, Screws shall be of counter sunk rib head of 1.60mm to 4 mm thick or 8 to 10 gauge of length varying from 25 to 45 mm. Proper taping and jointing to be done using fiber mesh tape and epoxy and acrylic based jointing compound for seamless finish.(cost of frame work to be paid for separately</p> <p>26.43.2 Cement Bonded particle board 8 mm (Termite, Fire & Moisture Resistance), as per IS:14276 : 1995</p>	38.57	sqm	1599.15	61679.22	INR Sixty One Thousand Six Hundred & Seventy Nine and Paise Twenty Two Only
2.12	<p>Providing and fixing in position, 230mm thick factory made Expanded Polystyrene Core (EPS Core) roof/floor panels made of 3 mm dia G.I. wire mesh with 50 mm pitch in both the directions and on both faces of panel, kept at 120 135 mm gap and connected by the zig zag G.I. wire of 3 mm dia at alternate row by welding (at an angle ranging from 50-70 degree). The EPS core shall consist of 100 mm thick EPS of density not less than 20kg/ per cum. The bottom side of the panel shall be finished by applying a layer of 60-65 mm thick cement mortar 1: 3 {1 cement: 3 coarse sand (not having more than 40% stone chips of size upto 6 mm)} Å with the help of shotcreting equipment etc at a pressure of not less than 1 bar (100Kn/m2) and surface finished with trowel. The top face of the panel shall be provided and finished by applying 70-75 mm thick layer of cement 2121 SUB HEAD : 26- NEW TECHNOLOGIES AND MATERIALS concrete 1:1.5: 3 {1 cement :1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size). Fixing operations of roof/floor panels shall be completed in all respect as per drawings and specifications and under the overall direction of the Engineer-in-charge</p>	27.01	sqm	3662.40	98921.42	INR Ninety Eight Thousand Nine Hundred & Twenty One and Paise Forty Two Only
2.13	<p>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.</p>	18.58	sqm	752.85	13987.95	INR Thirteen Thousand Nine Hundred & Eighty Seven and Paise Ninety Five Only
2.14	<p>Providing and laying gang saw cut 18 mm thick, mirror polished pre moulded and pre polished machine cut granite stone of required size and shape of approved shade, colour and texture in footpath in road side plazas and similar locations, laid over 20mm thick base of cement mortar 1:4 (1cement : 4 coarse sand) including grouting the joints with white cement mixed with matching pigment, epoxy touch ups etc. complete as per direction of Engineer-in-Charge. 16.86.1 With granite stone of area less than 0.50 sqm.</p>	14.97	sqm	3466.35	51891.26	INR Fifty One Thousand Eight Hundred & Ninety One and Paise Twenty Six Only
2.15	<p>Construction of cement concrete kerb with top and bottom width 115 and 165 mm respectively, 250 mm high in M 20 grade PCC on M-10 grade foundation 150 mm thick, foundation having 50 mm projection beyond kerb stone, kerb stone laid with kerb laying machine, foundation concrete laid manually, all complete as per clause 408</p>	37.62	m	345.00	12978.90	INR Twelve Thousand Nine Hundred & Seventy Eight and Paise Ninety Only

2.16	fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably	14.97	Sqm	1037.85	15536.61	INR Fifteen Thousand Five Hundred & Thirty Six and Paise Sixty One Only
2.17	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) : 21.1.1 For fixed portion 21.1.1.1 Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	44.82	Kg	367.10	16453.42	INR Sixteen Thousand Four Hundred & Fifty Three and Paise Forty Two Only
2.18	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) 21.1.2.1 Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15	35.47	kg	434.00	15393.98	INR Fifteen Thousand Three Hundred & Ninety Three and Paise Ninety Eight Only
2.19	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): 5 mm thick float glass	17.98	sqm	1090.10	19600.00	INR Nineteen Thousand Five Hundred & Ninety Nine and Paise One Hundred Only

2.20	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge	3.88	sqm	789.70	3064.04	INR Three Thousand & Sixty Four and Paise Four Only
2.21	Supplying and installation of delineators (road way indicators, hazard markers, object markers), 80-100 cm high above ground level, painted black and white in 15 cm wide strips, fitted with 80 x 100 mm rectangular or 75 mm dia circular reflectorised panels at the top, buried or pressed into the ground and conforming to IRC-79 and the drawings.	40.00	nos.	821.00	32840.00	INR Thirty Two Thousand Eight Hundred & Forty Only
2.22	Provision of rumble strips	27.00	m	2000.00	54000.00	INR Fifty Four Thousand Only
2.23	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 piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required	6.00	Points	1000.00	6000.00	INR Six Thousand Only
2.24	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed PVC conduit as required 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	35.00	Meter	227.00	7945.00	INR Seven Thousand Nine Hundred & Forty Five Only
2.25	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required 5/6 amps switch	7.00	Each	41.00	287.00	INR Two Hundred & Eighty Seven Only
2.26	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required 3 pin 5/6 A socket outlet	7.00	Each	56.00	392.00	INR Three Hundred & Ninety Two Only
2.27	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 A socket outlet and 15/16 A piano type switch, connections, painting etc. as required	2.00	Each	398.00	796.00	INR Seven Hundred & Ninety Six Only
2.28	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A "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	1.00	Each	1357.00	1357.00	INR One Thousand Three Hundred & Fifty Seven Only
2.29	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required 2 X 4 sq. mm + 1 X 4 sq. mm earth wire	25.00	Meter	279.00	6975.00	INR Six Thousand Nine Hundred & Seventy Five Only
2.30	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/wooden block including connections etc. as required	4.00	Each	69.00	276.00	INR Two Hundred & Seventy Six Only
2.31	Supplying and fixing brass batten/ angle holder including connection etc. as required	3.00	Each	105.00	315.00	INR Three Hundred & Fifteen Only
2.32	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required 150 mm X 75 mm X 60 mm deep	5.00	Each	172.00	860.00	INR Eight Hundred & Sixty Only

2.33	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 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. (But without MCB/RCCB/isolator) 6 way, Double door	1.00	Each	1878.00	1878.00	INR One Thousand Eight Hundred & Seventy Eight Only
2.34	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 MOB DB complete with connections, testing and commissioning etc. as required. Single pole	4.00	Each	215.00	860.00	INR Eight Hundred & Sixty Only
2.35	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 MOB DB complete with connections, testing and commissioning etc. as required. Single pole and neutral	1.00	Each	515.00	515.00	INR Five Hundred & Fifteen Only
2.36	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MOB DB complete with connections, testing and commissioning etc. as required 40A	1.00	Each	371.00	371.00	INR Three Hundred & Seventy One Only
2.37	Installation of maintenance free chemical earthing 50 mm dia, 3m long with back filling compound chemical 4 bag (per bag 25 kg)	2.00	Each	11250.00	22500.00	INR Twenty Two Thousand Five Hundred Only
2.38	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing as required	35.00	Meter	129.00	4515.00	INR Four Thousand Five Hundred & Fifteen Only
2.39	Supply and fixing of service wire 6 sqmm 2 core copper cable, Unarmoured	40.00	Meter	159.00	6360.00	INR Six Thousand Three Hundred & Sixty Only
2.40	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	1.00	Each	410.00	410.00	INR Four Hundred & Ten Only
2.41	Erection of metallic pole of following length in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required Above 10.00 metre and upto 12.00 metre (for lightning arrestor)	1.00	Each	6292.00	6292.00	INR Six Thousand Two Hundred & Ninety Two Only
2.42	Supply and fixing of 1.5T, 5-Star Split Air conditioner	1.00	Each	39406.78	39406.78	INR Thirty Nine Thousand Four Hundred & Six and Paise Seventy Eight Only
2.43	Supply and fixing of Volatge Stabilizer	1.00	Each	3627.12	3627.12	INR Three Thousand Six Hundred & Twenty Seven and Paise Twelve Only
2.44	Supply and fixing of 5-star BLDC Ceiling Fan	1.00	Each	2966.10	2966.10	INR Two Thousand Nine Hundred & Sixty Six and Paise Ten Only
2.45	Supply and fixing 22W LED Tubelight	2.00	Each	572.03	1144.06	INR One Thousand One Hundred & Forty Four and Paise Six Only
2.46	Supply and fixing 20W LED Bulb	2.00	Each	351.69	703.38	INR Seven Hundred & Three and Paise Thirty Eight Only
2.47	Providing Executive Table all complete as per the instruction of EIC	1.00	nos.	16016.95	16016.95	INR Sixteen Thousand & Sixteen and Paise Ninety Five Only
2.48	Executive Chair all complete as per the instruction of EIC	1.00	nos.	8218.64	8218.64	INR Eight Thousand Two Hundred & Eighteen and Paise Sixty Four Only
2.49	Computer Table all complete as per the instruction of EIC	2.00	nos.	3388.98	6777.96	INR Six Thousand Seven Hundred & Seventy Seven and Paise Ninety Six Only
2.50	Computer Chair all complete as per the instruction of EIC	2.00	nos.	1694.91	3389.82	INR Three Thousand Three Hundred & Eighty Nine and Paise Eighty Two Only
2.51	File Cabinet all complete as per the instruction of EIC	1.00	nos.	5083.05	5083.05	INR Five Thousand & Eighty Three and Paise Five Only

3.01	<u>JOPP</u> Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the	9.15	cum	188.45	1724.32	INR One Thousand Seven Hundred & Twenty Four and Paise Thirty Two Only
3.02	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete	1.65	cum	1844.00	3042.60	INR Three Thousand & Forty Two and Paise Sixty Only
3.03	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 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	2.03	cum	5167.75	10490.53	INR Ten Thousand Four Hundred & Ninety and Paise Fifty Three Only
3.04	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	6.30	cum	5322.15	33529.55	INR Thirty Three Thousand Five Hundred & Twenty Nine and Paise Fifty Four Only
3.05	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 : 5.1.2 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)	1.30	cum	7365.50	9575.15	INR Nine Thousand Five Hundred & Seventy Five and Paise Fifteen Only
3.06	Lintels, beams, plinth beams, girders, bressumers and cantilevers	10.38	sqm	470.70	4885.87	INR Four Thousand Eight Hundred & Eighty Five and Paise Eighty Seven Only
3.07	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.	103.78	kg	75.85	7871.71	INR Seven Thousand Eight Hundred & Seventy One and Paise Seventy One Only
3.08	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	8.46	cum	114.40	967.82	INR Nine Hundred & Sixty Seven and Paise Eighty Two Only

3.09	<p>designed cold form Light Gauge Steel Framed super structure comprising of steel wall panel, trusses, purlins etc manufactured out of minimum 0.75 mm thick steel sheet as per design requirements. The steel sheet shall be galvanized (AZ 150gms Aluminium Zinc Alloy coated steel having minimum yield strength 300-550 Mpa) conforming to AISI specifications and IBC 2009 for cold formed steel framing and construction and also as per IS: 875-1987, ISO 800-1984 and IS:801- 1975. The wind load shall be as per provisions of IS 875 (part -III). LGSFS frame shall be designed as per IS: 801 using commercially available software such as Frame CAD Pro-11.7/ STAAD PRO-V8i/ArchitekV2.5.16/ Revit architecture-2011 or equivalent. Proper usage of Connection Accessories like Heavy Duty Tension Ties, Light Duty Hold-ons, Twist Straps (to connect truss with wall frames), Strong Tie, Tie Rod, H-Brackets, Boxing Sections, L-Shaped Angles for better structural stability. The framing section shall be cold form C-type having minimum web depth 89 mm x 39mm flange x 11mm lip in required length as per structural design requirement duly punched with dimple/slot at required locations as per approved drawings. The slots will be along centre line of webs and shall be spaced minimum 250mm away from both ends of the member. The frame can be supplied in panelized or knock down condition in specific dimensions and fastened with screws extending through the steel beyond by minimum of three exposed threads. All self drilling tapping screws for joining the members shall have a Type II coating in accordance with ASTM B633(13) or equivalent corrosion protection of gauge 10 & 12, TPI 16 & 8 of length 20mm. The frames shall be fixed to RCC slab or Tie beam over Neoprene rubber using self expanding carbon steel</p>	791.45	kg	199.10	157577.70	INR One Lakh Fifty Seven Thousand Five Hundred & Seventy Seven and Paise Seventy Only
3.10	<p>Providing and fixing of external wall system on Light gauge steel frame work with outer face cement boards as per standard sizes fixed with self- drilling / tapping screws / fasteners @ 60cm c/c of approved make. A groove of 2 mm to 3mm shall be maintained and grooves shall be sealed with silicon based sealant. The board shall be fixed in a staggered pattern. Screws shall be of counter sunk rib head of 1.60mm to 4 mm thick or 8 to 10 gauge of length varying from 25 to 45 mm and. Internal face 12.5 mm thick gypsum plaster board fixed on cement board as per standard sizes fixed with self- drilling / tapping screws / fasteners @ 60cm c/c of approved make, proper taping and jointing to be done using fiber mesh tape and epoxy and acrylic based jointing compound for seamless finish.(cost of frame work to be paid for separately) 26.42.1 Outer face: Outer face having 6mm thick fiber cement board fixed on 9mm thick fiber cement board, Type A, as per IS:14862:2000 (high pressure steam cured) Inner Face :- 12.5 mm thick gypsum plaster board conforming to IS 2095:2011 fixed on 8 mm thick fibre cement board confirming to IS:14862:2000 of type B (High pressure steam cured)</p>	101.17	sqm	2803.15	283594.69	INR Two Lakh Eighty Three Thousand Five Hundred & Ninety Four and Paise Sixty Nine Only

3.11	<p>Providing and fixing internal wall panels on Light gauge steel frame work with 12.5mm thick gypsum plaster board conforming IS 2095:2011 fixed on cement board as per standard sizes fixed with self-drilling / tapping screws / fasteners @ 60cm c/c of approved make, Screws shall be of counter sunk rib head of 1.60mm to 4 mm thick or 8 to 10 gauge of length varying from 25 to 45 mm. Proper taping and jointing to be done using fiber mesh tape and epoxy and acrylic based jointing compound for seamless finish.(cost of frame work to be paid for separately</p> <p>26.43.2 Cement Bonded particle board 8 mm (Termite, Fire & Moisture Resistance), as per IS:14276 : 1995</p>	38.57	sqm	1599.15	61679.22	INR Sixty One Thousand Six Hundred & Seventy Nine and Paise Twenty Two Only
3.12	<p>Providing and fixing in position, 230mm thick factory made Expanded Polystyrene Core (EPS Core) roof/floor panels made of 3 mm dia G.I. wire mesh with 50 mm pitch in both the directions and on both faces of panel, kept at 120 135 mm gap and connected by the zig zag G.I. wire of 3 mm dia at alternate row by welding (at an angle ranging from 50-70 degree). The EPS core shall consist of 100 mm thick EPS of density not less than 20kg/ per cum. The bottom side of the panel shall be finished by applying a layer of 60-65 mm thick cement mortar 1: 3 {1 cement: 3 coarse sand (not having more than 40% stone chips of size upto 6 mm)} Å with the help of shotcreting equipment etc at a pressure of not less than 1 bar (100Kn/m2) and surface finished with trowel. The top face of the panel shall be provided and finished by applying 70-75 mm thick layer of cement 2121 SUB HEAD : 26- NEW TECHNOLOGIES AND MATERIALS concrete 1:1.5: 3 {1 cement :1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size). Fixing operations of roof/floor panels shall be completed in all respect as per drawings and specifications and under the overall direction of the Engineer-in-charge</p>	27.01	sqm	3662.40	98921.42	INR Ninety Eight Thousand Nine Hundred & Twenty One and Paise Forty Two Only
3.13	<p>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.</p>	18.58	sqm	752.85	13987.95	INR Thirteen Thousand Nine Hundred & Eighty Seven and Paise Ninety Five Only
3.14	<p>Providing and laying gang saw cut 18 mm thick, mirror polished pre moulded and pre polished machine cut granite stone of required size and shape of approved shade, colour and texture in footpath in road side plazas and similar locations, laid over 20mm thick base of cement mortar 1:4 (1cement : 4 coarse sand) including grouting the joints with white cement mixed with matching pigment, epoxy touch ups etc. complete as per direction of Engineer-in-Charge. 16.86.1 With granite stone of area less than 0.50 sqm.</p>	14.97	sqm	3466.35	51891.26	INR Fifty One Thousand Eight Hundred & Ninety One and Paise Twenty Six Only
3.15	<p>Construction of cement concrete kerb with top and bottom width 115 and 165 mm respectively, 250 mm high in M 20 grade PCC on M-10 grade foundation 150 mm thick, foundation having 50 mm projection beyond kerb stone, kerb stone laid with kerb laying machine, foundation concrete laid manually, all complete as per clause 408</p>	37.62	m	345.00	12978.90	INR Twelve Thousand Nine Hundred & Seventy Eight and Paise Ninety Only

3.16	fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably	14.97	Sqm	1037.85	15536.61	INR Fifteen Thousand Five Hundred & Thirty Six and Paise Sixty One Only
3.17	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) : 21.1.1 For fixed portion 21.1.1.1 Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	44.82	Kg	367.10	16453.42	INR Sixteen Thousand Four Hundred & Fifty Three and Paise Forty Two Only
3.18	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) 21.1.2.1 Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15	35.47	kg	434.00	15393.98	INR Fifteen Thousand Three Hundred & Ninety Three and Paise Ninety Eight Only
3.19	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): 5 mm thick float glass	17.98	sqm	1090.10	19600.00	INR Nineteen Thousand Five Hundred & Ninety Nine and Paise One Hundred Only

3.20	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge	3.88	sqm	789.70	3064.04	INR Three Thousand & Sixty Four and Paise Four Only
3.21	Supplying and installation of delineators (road way indicators, hazard markers, object markers), 80-100 cm high above ground level, painted black and white in 15 cm wide strips, fitted with 80 x 100 mm rectangular or 75 mm dia circular reflectorised panels at the top, buried or pressed into the ground and conforming to IRC-79 and the drawings.	40.00	nos.	821.00	32840.00	INR Thirty Two Thousand Eight Hundred & Forty Only
3.22	Provision of rumble strips	27.00	m	2000.00	54000.00	INR Fifty Four Thousand Only
3.23	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge. 80 mm thick C.C. paver block of M-30 grade with approved color design and pattern.	250.00	sqm	805.10	201275.00	INR Two Lakh One Thousand Two Hundred & Seventy Five Only
3.24	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 piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required	6.00	Points	1000.00	6000.00	INR Six Thousand Only
3.25	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed PVC conduit as required 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	35.00	Meter	227.00	7945.00	INR Seven Thousand Nine Hundred & Forty Five Only
3.26	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required 5/6 amps switch	7.00	Each	41.00	287.00	INR Two Hundred & Eighty Seven Only
3.27	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required 3 pin 5/6 A socket outlet	7.00	Each	56.00	392.00	INR Three Hundred & Ninety Two Only
3.28	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 A socket outlet and 15/16 A piano type switch, connections, painting etc. as required	2.00	Each	398.00	796.00	INR Seven Hundred & Ninety Six Only
3.29	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A "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	1.00	Each	1357.00	1357.00	INR One Thousand Three Hundred & Fifty Seven Only

3.30	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required 2 X 4 sq. mm + 1 X 4 sq. mm earth wire	25.00	Meter	279.00	6975.00	INR Six Thousand Nine Hundred & Seventy Five Only
3.31	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/wooden block including connections etc. as required	4.00	Each	69.00	276.00	INR Two Hundred & Seventy Six Only
3.32	Supplying and fixing brass batten/ angle holder including connection etc. as required	3.00	Each	105.00	315.00	INR Three Hundred & Fifteen Only
3.33	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required 150 mm X 75 mm X 60 mm deep	5.00	Each	172.00	860.00	INR Eight Hundred & Sixty Only
3.34	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 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. (But without MCB/RCCB/Isolator) 6 way, Double door	1.00	Each	1878.00	1878.00	INR One Thousand Eight Hundred & Seventy Eight Only
3.35	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 MOB DB complete with connections, testing and commissioning etc. as required. Single pole	4.00	Each	215.00	860.00	INR Eight Hundred & Sixty Only
3.36	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 MOB DB complete with connections, testing and commissioning etc. as required. Single pole and neutral	1.00	Each	515.00	515.00	INR Five Hundred & Fifteen Only
3.37	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MOB DB complete with connections, testing and commissioning etc. as required 40A	1.00	Each	371.00	371.00	INR Three Hundred & Seventy One Only
3.38	Installation of maintenance free chemical earthing 50 mm dia, 3m long with back filling compound chemical 4 bag (per bag 25 kg)	2.00	Each	11250.00	22500.00	INR Twenty Two Thousand Five Hundred Only
3.39	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing as required	35.00	Meter	129.00	4515.00	INR Four Thousand Five Hundred & Fifteen Only
3.40	Supply and fixing of service wire 6 sqmm 2 core copper cable, Unarmoured	40.00	Meter	159.00	6360.00	INR Six Thousand Three Hundred & Sixty Only
3.41	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	1.00	Each	410.00	410.00	INR Four Hundred & Ten Only
3.42	Erection of metallic pole of following length in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required Above 10.00 metre and upto 12.00 metre (for lightning arrester)	1.00	Each	6292.00	6292.00	INR Six Thousand Two Hundred & Ninety Two Only
3.43	Supply and fixing of 1.5T, 5-Star Split Air conditioner	1.00	Each	39406.78	39406.78	INR Thirty Nine Thousand Four Hundred & Six and Paise Seventy Eight Only
3.44	Supply and fixing of Volatge Stabilizer	1.00	Each	3627.12	3627.12	INR Three Thousand Six Hundred & Twenty Seven and Paise Twelve Only
3.45	Supply and fixing of 5-star BLDC Ceiling Fan	1.00	Each	2966.10	2966.10	INR Two Thousand Nine Hundred & Sixty Six and Paise Ten Only
3.46	Supply and fixing 22W LED Tubelight	2.00	Each	572.03	1144.06	INR One Thousand One Hundred & Forty Four and Paise Six Only
3.47	Supply and fixing 20W LED Bulb	2.00	Each	351.69	703.38	INR Seven Hundred & Three and Paise Thirty Eight Only
3.48	Providing Executive Table all complete as per the instruction of EIC	1.00	nos.	16016.95	16016.95	INR Sixteen Thousand & Sixteen and Paise Ninety Five Only

3.49	Executive Chair all complete as per the instruction of EIC	1.00	nos.	8218.64	8218.64	INR Eight Thousand Two Hundred & Eighteen and Paise Sixty Four Only
3.50	Computer Table all complete as per the instruction of EIC	2.00	nos.	3388.98	6777.96	INR Six Thousand Seven Hundred & Seventy Seven and Paise Ninety Six Only
3.51	Computer Chair all complete as per the instruction of EIC	2.00	nos.	1694.91	3389.82	INR Three Thousand Three Hundred & Eighty Nine and Paise Eighty Two Only
3.52	File Cabinet all complete as per the instruction of EIC	1.00	nos.	5083.05	5083.05	INR Five Thousand & Eighty Three and Paise Five Only
4.01	KEDLA WASHERY Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the	9.15	cum	188.45	1724.32	INR One Thousand Seven Hundred & Twenty Four and Paise Thirty Two Only
4.02	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete	1.65	cum	1844.00	3042.60	INR Three Thousand & Forty Two and Paise Sixty Only
4.03	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 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	2.03	cum	5167.75	10490.53	INR Ten Thousand Four Hundred & Ninety and Paise Fifty Three Only
4.04	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	6.30	cum	5322.15	33529.55	INR Thirty Three Thousand Five Hundred & Twenty Nine and Paise Fifty Four Only
4.05	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 : 5.1.2 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)	1.30	cum	7365.50	9575.15	INR Nine Thousand Five Hundred & Seventy Five and Paise Fifteen Only
4.06	Lintels, beams, plinth beams, girders, bressumers and cantilevers	10.38	sqm	470.70	4885.87	INR Four Thousand Eight Hundred & Eighty Five and Paise Eighty Seven Only
4.07	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.	103.78	kg	75.85	7871.71	INR Seven Thousand Eight Hundred & Seventy One and Paise Seventy One Only
4.08	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	8.46	cum	114.40	967.82	INR Nine Hundred & Sixty Seven and Paise Eighty Two Only

4.09	<p>designed cold form Light Gauge Steel Framed super structure comprising of steel wall panel, trusses, purlins etc manufactured out of minimum 0.75 mm thick steel sheet as per design requirements. The steel sheet shall be galvanized (AZ 150gms Aluminium Zinc Alloy coated steel having minimum yield strength 300-550 Mpa) conforming to AISI specifications and IBC 2009 for cold formed steel framing and construction and also as per IS: 875-1987, ISO 800-1984 and IS:801- 1975. The wind load shall be as per provisions of IS 875 (part -III). LGSFS frame shall be designed as per IS: 801 using commercially available software such as Frame CAD Pro-11.7/ STAAD PRO-V8i/ArchitekV2.5.16/ Revit architecture-2011 or equivalent. Proper usage of Connection Accessories like Heavy Duty Tension Ties, Light Duty Hold-ons, Twist Straps (to connect truss with wall frames), Strong Tie, Tie Rod, H-Brackets, Boxing Sections, L-Shaped Angles for better structural stability. The framing section shall be cold form C-type having minimum web depth 89 mm x 39mm flange x 11mm lip in required length as per structural design requirement duly punched with dimple/slot at required locations as per approved drawings. The slots will be along centre line of webs and shall be spaced minimum 250mm away from both ends of the member. The frame can be supplied in panelized or knock down condition in specific dimensions and fastened with screws extending through the steel beyond by minimum of three exposed threads. All self drilling tapping screws for joining the members shall have a Type II coating in accordance with ASTM B633(13) or equivalent corrosion protection of gauge 10 & 12, TPI 16 & 8 of length 20mm. The frames shall be fixed to RCC slab or Tie beam over Neoprene rubber using self expanding carbon steel</p>	791.45	kg	199.10	157577.70	INR One Lakh Fifty Seven Thousand Five Hundred & Seventy Seven and Paise Seventy Only
4.10	<p>Providing and fixing of external wall system on Light gauge steel frame work with outer face cement boards as per standard sizes fixed with self- drilling / tapping screws / fasteners @ 60cm c/c of approved make. A groove of 2 mm to 3mm shall be maintained and grooves shall be sealed with silicon based sealant. The board shall be fixed in a staggered pattern. Screws shall be of counter sunk rib head of 1.60mm to 4 mm thick or 8 to 10 gauge of length varying from 25 to 45 mm and. Internal face 12.5 mm thick gypsum plaster board fixed on cement board as per standard sizes fixed with self- drilling / tapping screws / fasteners @ 60cm c/c of approved make, proper taping and jointing to be done using fiber mesh tape and epoxy and acrylic based jointing compound for seamless finish.(cost of frame work to be paid for separately) 26.42.1 Outer face: Outer face having 6mm thick fiber cement board fixed on 9mm thick fiber cement board, Type A, as per IS:14862:2000 (high pressure steam cured) Inner Face :- 12.5 mm thick gypsum plaster board conforming to IS 2095:2011 fixed on 8 mm thick fibre cement board confirming to IS:14862:2000 of type B (High pressure steam cured)</p>	101.17	sqm	2803.15	283594.69	INR Two Lakh Eighty Three Thousand Five Hundred & Ninety Four and Paise Sixty Nine Only

4.11	<p>Providing and fixing internal wall panels on Light gauge steel frame work with 12.5mm thick gypsum plaster board conforming IS 2095:2011 fixed on cement board as per standard sizes fixed with self-drilling /taping screws / fasteners @ 60cm c/c of approved make, Screws shall be of counter sunk rib head of 1.60mm to 4 mm thick or 8 to 10 gauge of length varying from 25 to 45 mm. Proper taping and jointing to be done using fiber mesh tape and epoxy and acrylic based jointing compound for seamless finish.(cost of frame work to be paid for separately</p> <p>26.43.2 Cement Bonded particle board 8 mm (Termite, Fire & Moisture Resistance), as per IS:14276 : 1995</p>	38.57	sqm	1599.15	61679.22	INR Sixty One Thousand Six Hundred & Seventy Nine and Paise Twenty Two Only
4.12	<p>Providing and fixing in position, 230mm thick factory made Expanded Polystyrene Core (EPS Core) roof/floor panels made of 3 mm dia G.I. wire mesh with 50 mm pitch in both the directions and on both faces of panel, kept at 120 135 mm gap and connected by the zig zag G.I. wire of 3 mm dia at alternate row by welding (at an angle ranging from 50-70 degree). The EPS core shall consist of 100 mm thick EPS of density not less than 20kg/ per cum. The bottom side of the panel shall be finished by applying a layer of 60-65 mm thick cement mortar 1: 3 {1 cement: 3 coarse sand (not having more than 40% stone chips of size upto 6 mm)} with the help of shotcreting equipment etc at a pressure of not less than 1 bar (100Kn/m2) and surface finished with trowel. The top face of the panel shall be provided and finished by applying 70-75 mm thick layer of cement 2121 SUB HEAD : 26- NEW TECHNOLOGIES AND MATERIALS concrete 1:1.5: 3 {1 cement :1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size). Fixing operations of roof/floor panels shall be completed in all respect as per drawings and specifications and under the overall direction of the Engineer-in-charge</p>	27.01	sqm	3662.40	98921.42	INR Ninety Eight Thousand Nine Hundred & Twenty One and Paise Forty Two Only
4.13	<p>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.</p>	18.58	sqm	752.85	13987.95	INR Thirteen Thousand Nine Hundred & Eighty Seven and Paise Ninety Five Only
4.14	<p>Providing and laying gang saw cut 18 mm thick, mirror polished pre moulded and pre polished machine cut granite stone of required size and shape of approved shade, colour and texture in footpath in road side plazas and similar locations, laid over 20mm thick base of cement mortar 1:4 (1cement : 4 coarse sand) including grouting the joints with white cement mixed with matching pigment, epoxy touch ups etc. complete as per direction of Engineer-in-Charge. 16.86.1 With granite stone of area less than 0.50 sqm.</p>	14.97	sqm	3466.35	51891.26	INR Fifty One Thousand Eight Hundred & Ninety One and Paise Twenty Six Only
4.15	<p>Construction of cement concrete kerb with top and bottom width 115 and 165 mm respectively, 250 mm high in M 20 grade PCC on M-10 grade foundation 150 mm thick, foundation having 50 mm projection beyond kerb stone, kerb stone laid with kerb laying machine, foundation concrete laid manually, all complete as per clause 408</p>	37.62	m	345.00	12978.90	INR Twelve Thousand Nine Hundred & Seventy Eight and Paise Ninety Only

4.16	fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably	14.97	Sqm	1037.85	15536.61	INR Fifteen Thousand Five Hundred & Thirty Six and Paise Sixty One Only
4.17	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) : 21.1.1 For fixed portion 21.1.1.1 Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	44.82	Kg	367.10	16453.42	INR Sixteen Thousand Four Hundred & Fifty Three and Paise Forty Two Only
4.18	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) 21.1.2.1 Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15	35.47	kg	434.00	15393.98	INR Fifteen Thousand Three Hundred & Ninety Three and Paise Ninety Eight Only
4.19	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): 5 mm thick float glass	17.98	sqm	1090.10	19600.00	INR Nineteen Thousand Five Hundred & Ninety Nine and Paise One Hundred Only

4.20	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge	3.88	sqm	789.70	3064.04	INR Three Thousand & Sixty Four and Paise Four Only
4.21	Supplying and installation of delineators (road way indicators, hazard markers, object markers), 80-100 cm high above ground level, painted black and white in 15 cm wide strips, fitted with 80 x 100 mm rectangular or 75 mm dia circular reflectorised panels at the top, buried or pressed into the ground and conforming to IRC-79 and the drawings.	40.00	nos.	821.00	32840.00	INR Thirty Two Thousand Eight Hundred & Forty Only
4.22	Provision of rumble strips	27.00	m	2000.00	54000.00	INR Fifty Four Thousand Only
4.23	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge. 80 mm thick C.C. paver block of M-30 grade with approved color design and pattern.	250.00	sqm	805.10	201275.00	INR Two Lakh One Thousand Two Hundred & Seventy Five Only
4.24	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 piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required	6.00	Points	1000.00	6000.00	INR Six Thousand Only
4.25	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed PVC conduit as required 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	35.00	Meter	227.00	7945.00	INR Seven Thousand Nine Hundred & Forty Five Only
4.26	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required 5/6 amps switch	7.00	Each	41.00	287.00	INR Two Hundred & Eighty Seven Only
4.27	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required 3 pin 5/6 A socket outlet	7.00	Each	56.00	392.00	INR Three Hundred & Ninety Two Only
4.28	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 A socket outlet and 15/16 A piano type switch, connections, painting etc. as required	2.00	Each	398.00	796.00	INR Seven Hundred & Ninety Six Only
4.29	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A "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	1.00	Each	1357.00	1357.00	INR One Thousand Three Hundred & Fifty Seven Only

4.30	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required 2 X 4 sq. mm + 1 X 4 sq. mm earth wire	25.00	Meter	279.00	6975.00	INR Six Thousand Nine Hundred & Seventy Five Only
4.31	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/wooden block including connections etc. as required	4.00	Each	69.00	276.00	INR Two Hundred & Seventy Six Only
4.32	Supplying and fixing brass batten/ angle holder including connection etc. as required	3.00	Each	105.00	315.00	INR Three Hundred & Fifteen Only
4.33	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required 150 mm X 75 mm X 60 mm deep	5.00	Each	172.00	860.00	INR Eight Hundred & Sixty Only
4.34	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 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. (But without MCB/RCCB/Isolator) 6 way, Double door	1.00	Each	1878.00	1878.00	INR One Thousand Eight Hundred & Seventy Eight Only
4.35	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 MOB DB complete with connections, testing and commissioning etc. as required. Single pole	4.00	Each	215.00	860.00	INR Eight Hundred & Sixty Only
4.36	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 MOB DB complete with connections, testing and commissioning etc. as required. Single pole and neutral	1.00	Each	515.00	515.00	INR Five Hundred & Fifteen Only
4.37	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MOB DB complete with connections, testing and commissioning etc. as required 40A	1.00	Each	371.00	371.00	INR Three Hundred & Seventy One Only
4.38	Installation of maintenance free chemical earthing 50 mm dia, 3m long with back filling compound chemical 4 bag (per bag 25 kg)	2.00	Each	11250.00	22500.00	INR Twenty Two Thousand Five Hundred Only
4.39	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing as required	35.00	Meter	129.00	4515.00	INR Four Thousand Five Hundred & Fifteen Only
4.40	Supply and fixing of service wire 6 sqmm 2 core copper cable, Unarmoured	40.00	Meter	159.00	6360.00	INR Six Thousand Three Hundred & Sixty Only
4.41	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	1.00	Each	410.00	410.00	INR Four Hundred & Ten Only
4.42	Erection of metallic pole of following length in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required Above 10.00 metre and upto 12.00 metre (for lightning arrester)	1.00	Each	6292.00	6292.00	INR Six Thousand Two Hundred & Ninety Two Only
4.43	Supply and fixing of 1.5T, 5-Star Split Air conditioner	1.00	Each	39406.78	39406.78	INR Thirty Nine Thousand Four Hundred & Six and Paise Seventy Eight Only
4.44	Supply and fixing of Volatge Stabilizer	1.00	Each	3627.12	3627.12	INR Three Thousand Six Hundred & Twenty Seven and Paise Twelve Only
4.45	Supply and fixing of 5-star BLDC Ceiling Fan	1.00	Each	2966.10	2966.10	INR Two Thousand Nine Hundred & Sixty Six and Paise Ten Only
4.46	Supply and fixing 22W LED Tubelight	2.00	Each	572.03	1144.06	INR One Thousand One Hundred & Forty Four and Paise Six Only
4.47	Supply and fixing 20W LED Bulb	2.00	Each	351.69	703.38	INR Seven Hundred & Three and Paise Thirty Eight Only
4.48	Providing Executive Table all complete as per the instruction of EIC	1.00	nos.	16016.95	16016.95	INR Sixteen Thousand & Sixteen and Paise Ninety Five Only

4.49	Executive Chair all complete as per the instruction of EIC	1.00	nos.	8218.64	8218.64	INR Eight Thousand Two Hundred & Eighteen and Paise Sixty Four Only
4.50	Computer Table all complete as per the instruction of EIC	2.00	nos.	3388.98	6777.96	INR Six Thousand Seven Hundred & Seventy Seven and Paise Ninety Six Only
4.51	Computer Chair all complete as per the instruction of EIC	2.00	nos.	1694.91	3389.82	INR Three Thousand Three Hundred & Eighty Nine and Paise Eighty Two Only
4.52	File Cabinet all complete as per the instruction of EIC	1.00	nos.	5083.05	5083.05	INR Five Thousand & Eighty Three and Paise Five Only
5.01	KOCP Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the	18.30	cum	188.45	3448.64	INR Three Thousand Four Hundred & Forty Eight and Paise Sixty Three Only
5.02	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete	3.30	cum	1844.00	6085.20	INR Six Thousand & Eighty Five and Paise Twenty Only
5.03	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 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	4.06	cum	5167.75	20981.07	INR Twenty Thousand Nine Hundred & Eighty One and Paise Six Only
5.04	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	12.60	cum	5322.15	67059.09	INR Sixty Seven Thousand & Fifty Nine and Paise Nine Only
5.05	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 : 5.1.2 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)	2.60	cum	7365.50	19150.30	INR Nineteen Thousand One Hundred & Fifty and Paise Thirty Only
5.06	Lintels, beams, plinth beams, girders, bressumers and cantilevers	20.76	sqm	470.70	9771.73	INR Nine Thousand Seven Hundred & Seventy One and Paise Seventy Three Only
5.07	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.	207.56	kg	75.85	15743.43	INR Fifteen Thousand Seven Hundred & Forty Three and Paise Forty Three Only
5.08	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	16.92	cum	114.40	1935.65	INR One Thousand Nine Hundred & Thirty Five and Paise Sixty Five Only

5.09	<p>designed cold form Light Gauge Steel Framed super structure comprising of steel wall panel, trusses, purlins etc manufactured out of minimum 0.75 mm thick steel sheet as per design requirements. The steel sheet shall be galvanized (AZ 150gms Aluminium Zinc Alloy coated steel having minimum yield strength 300-550 Mpa) conforming to AISI specifications and IBC 2009 for cold formed steel framing and construction and also as per IS: 875-1987, ISO 800-1984 and IS:801- 1975. The wind load shall be as per provisions of IS 875 (part -III). LGSFS frame shall be designed as per IS: 801 using commercially available software such as Frame CAD Pro-11.7/ STAAD PRO-V8i/ArchitekV2.5.16/ Revit architecture-2011 or equivalent. Proper usage of Connection Accessories like Heavy Duty Tension Ties, Light Duty Hold-ons, Twist Straps (to connect truss with wall frames), Strong Tie, Tie Rod, H-Brackets, Boxing Sections, L-Shaped Angles for better structural stability. The framing section shall be cold form C-type having minimum web depth 89 mm x 39mm flange x 11mm lip in required length as per structural design requirement duly punched with dimple/slot at required locations as per approved drawings. The slots will be along centre line of webs and shall be spaced minimum 250mm away from both ends of the member. The frame can be supplied in panelized or knock down condition in specific dimensions and fastened with screws extending through the steel beyond by minimum of three exposed threads. All self drilling tapping screws for joining the members shall have a Type II coating in accordance with ASTM B633(13) or equivalent corrosion protection of gauge 10 & 12, TPI 16 & 8 of length 20mm. The frames shall be fixed to RCC slab or Tie beam over Neoprene rubber using self expanding carbon steel</p>	1582.90	kg	199.10	315155.39	INR Three Lakh Fifteen Thousand One Hundred & Fifty Five and Paise Thirty Nine Only
5.10	<p>Providing and fixing of external wall system on Light gauge steel frame work with outer face cement boards as per standard sizes fixed with self- drilling / tapping screws / fasteners @ 60cm c/c of approved make. A groove of 2 mm to 3mm shall be maintained and grooves shall be sealed with silicon based sealant. The board shall be fixed in a staggered pattern. Screws shall be of counter sunk rib head of 1.60mm to 4 mm thick or 8 to 10 gauge of length varying from 25 to 45 mm and. Internal face 12.5 mm thick gypsum plaster board fixed on cement board as per standard sizes fixed with self- drilling / tapping screws / fasteners @ 60cm c/c of approved make, proper taping and jointing to be done using fiber mesh tape and epoxy and acrylic based jointing compound for seamless finish.(cost of frame work to be paid for separately) 26.42.1 Outer face: Outer face having 6mm thick fiber cement board fixed on 9mm thick fiber cement board, Type A, as per IS:14862:2000 (high pressure steam cured) Inner Face :- 12.5 mm thick gypsum plaster board conforming to IS 2095:2011 fixed on 8 mm thick fibre cement board confirming to IS:14862:2000 of type B (High pressure steam cured)</p>	202.34	sqm	2803.15	567189.37	INR Five Lakh Sixty Seven Thousand One Hundred & Eighty Nine and Paise Thirty Seven Only

5.11	<p>Providing and fixing internal wall panels on Light gauge steel frame work with 12.5mm thick gypsum plaster board conforming IS 2095:2011 fixed on cement board as per standard sizes fixed with self-drilling /taping screws / fasteners @ 60cm c/c of approved make, Screws shall be of counter sunk rib head of 1.60mm to 4 mm thick or 8 to 10 gauge of length varying from 25 to 45 mm. Proper taping and jointing to be done using fiber mesh tape and epoxy and acrylic based jointing compound for seamless finish.(cost of frame work to be paid for separately</p> <p>26.43.2 Cement Bonded particle board 8 mm (Termite, Fire & Moisture Resistance), as per IS:14276 : 1995</p>	77.14	sqm	1599.15	123358.43	INR One Lakh Twenty Three Thousand Three Hundred & Fifty Eight and Paise Forty Three Only
5.12	<p>Providing and fixing in position, 230mm thick factory made Expanded Polystyrene Core (EPS Core) roof/floor panels made of 3 mm dia G.I. wire mesh with 50 mm pitch in both the directions and on both faces of panel, kept at 120 135 mm gap and connected by the zig zag G.I. wire of 3 mm dia at alternate row by welding (at an angle ranging from 50-70 degree). The EPS core shall consist of 100 mm thick EPS of density not less than 20kg/ per cum. The bottom side of the panel shall be finished by applying a layer of 60-65 mm thick cement mortar 1: 3 (1 cement: 3 coarse sand (not having more than 40% stone chips of size upto 6 mm)) & with the help of shotcreting equipment etc at a pressure of not less than 1 bar (100Kn/m2) and surface finished with trowel. The top face of the panel shall be provided and finished by applying 70-75 mm thick layer of cement 2121 SUB HEAD : 26- NEW TECHNOLOGIES AND MATERIALS concrete 1:1.5: 3 (1 cement :1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size). Fixing operations of roof/floor panels shall be completed in all respect as per drawings and specifications and under the overall direction of the Engineer-in-charge</p>	54.02	sqm	3662.40	197842.85	INR One Lakh Ninety Seven Thousand Eight Hundred & Forty Two and Paise Eighty Five Only
5.13	<p>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.</p>	37.16	sqm	752.85	27975.91	INR Twenty Seven Thousand Nine Hundred & Seventy Five and Paise Ninety One Only
5.14	<p>Providing and laying gang saw cut 18 mm thick, mirror polished pre moulded and pre polished machine cut granite stone of required size and shape of approved shade, colour and texture in footpath in road side plazas and similar locations, laid over 20mm thick base of cement mortar 1:4 (1cement : 4 coarse sand) including grouting the joints with white cement mixed with matching pigment, epoxy touch ups etc. complete as per direction of Engineer-in-Charge. 16.86.1 With granite stone of area less than 0.50 sqm.</p>	29.94	sqm	3466.35	103782.52	INR One Lakh Three Thousand Seven Hundred & Eighty Two and Paise Fifty Two Only
5.15	<p>Construction of cement concrete kerb with top and bottom width 115 and 165 mm respectively, 250 mm high in M 20 grade PCC on M-10 grade foundation 150 mm thick, foundation having 50 mm projection beyond kerb stone, kerb stone laid with kerb laying machine, foundation concrete laid manually, all complete as per clause 408</p>	75.24	m	345.00	25957.80	INR Twenty Five Thousand Nine Hundred & Fifty Seven and Paise Eighty Only

5.16	fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably	29.94	Sqm	1037.85	31073.23	INR Thirty One Thousand & Seventy Three and Paise Twenty Three Only
5.17	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) : 21.1.1 For fixed portion 21.1.1.1 Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	89.64	Kg	367.10	32906.84	INR Thirty Two Thousand Nine Hundred & Six and Paise Eighty Four Only
5.18	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) 21.1.2.1 Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15	70.94	kg	434.00	30787.96	INR Thirty Thousand Seven Hundred & Eighty Seven and Paise Ninety Six Only
5.19	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): 5 mm thick float glass	35.96	sqm	1090.10	39200.00	INR Thirty Nine Thousand One Hundred & Ninety Nine and Paise One Hundred Only

5.20	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge	7.76	sqm	789.70	6128.07	INR Six Thousand One Hundred & Twenty Eight and Paise Seven Only
5.21	Supplying and installation of delineators (road way indicators, hazard markers, object markers), 80-100 cm high above ground level, painted black and white in 15 cm wide strips, fitted with 80 x 100 mm rectangular or 75 mm dia circular reflectorised panels at the top, buried or pressed into the ground and conforming to IRC-79 and the drawings.	80.00	nos.	821.00	65680.00	INR Sixty Five Thousand Six Hundred & Eighty Only
5.22	Provision of rumble strips	54.00	m	2000.00	108000.00	INR One Lakh Eight Thousand Only
5.23	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge. 80 mm thick C.C. paver block of M-30 grade with approved color design and pattern.	500.00	sqm	805.10	402550.00	INR Four Lakh Two Thousand Five Hundred & Fifty Only
5.24	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 piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required	12.00	Points	1000.00	12000.00	INR Twelve Thousand Only
5.25	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed PVC conduit as required 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	70.00	Meter	227.00	15890.00	INR Fifteen Thousand Eight Hundred & Ninety Only
5.26	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required 5/6 amps switch	14.00	Each	41.00	574.00	INR Five Hundred & Seventy Four Only
5.27	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required 3 pin 5/6 A socket outlet	14.00	Each	56.00	784.00	INR Seven Hundred & Eighty Four Only
5.28	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 A socket outlet and 15/16 A piano type switch, connections, painting etc. as required	4.00	Each	398.00	1592.00	INR One Thousand Five Hundred & Ninety Two Only
5.29	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A "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	2.00	Each	1357.00	2714.00	INR Two Thousand Seven Hundred & Fourteen Only

5.30	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required 2 X 4 sq. mm + 1 X 4 sq. mm earth wire	50.00	Meter	279.00	13950.00	INR Thirteen Thousand Nine Hundred & Fifty Only
5.31	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/wooden block including connections etc. as required	8.00	Each	69.00	552.00	INR Five Hundred & Fifty Two Only
5.32	Supplying and fixing brass batten/ angle holder including connection etc. as required	6.00	Each	105.00	630.00	INR Six Hundred & Thirty Only
5.33	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required 150 mm X 75 mm X 60 mm deep	10.00	Each	172.00	1720.00	INR One Thousand Seven Hundred & Twenty Only
5.34	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 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. (But without MCB/RCCB/Isolator) 6 way, Double door	2.00	Each	1878.00	3756.00	INR Three Thousand Seven Hundred & Fifty Six Only
5.35	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 MOB DB complete with connections, testing and commissioning etc. as required. Single pole	8.00	Each	215.00	1720.00	INR One Thousand Seven Hundred & Twenty Only
5.36	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 MOB DB complete with connections, testing and commissioning etc. as required. Single pole and neutral	2.00	Each	515.00	1030.00	INR One Thousand & Thirty Only
5.37	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MOB DB complete with connections, testing and commissioning etc. as required 40A	2.00	Each	371.00	742.00	INR Seven Hundred & Forty Two Only
5.38	Installation of maintenance free chemical earthing 50 mm dia, 3m long with back filling compound chemical 4 bag (per bag 25 kg)	4.00	Each	11250.00	45000.00	INR Forty Five Thousand Only
5.39	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing as required	70.00	Meter	129.00	9030.00	INR Nine Thousand & Thirty Only
5.40	Supply and fixing of service wire 6 sqmm 2 core copper cable, Unarmoured	80.00	Meter	159.00	12720.00	INR Twelve Thousand Seven Hundred & Twenty Only
5.41	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	2.00	Each	410.00	820.00	INR Eight Hundred & Twenty Only
5.42	Erection of metallic pole of following length in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required Above 10.00 metre and upto 12.00 metre (for lightning arrester)	2.00	Each	6292.00	12584.00	INR Twelve Thousand Five Hundred & Eighty Four Only
5.43	Supply and fixing of 1.5T, 5-Star Split Air conditioner	2.00	Each	39406.78	78813.56	INR Seventy Eight Thousand Eight Hundred & Thirteen and Paise Fifty Six Only
5.44	Supply and fixing of Volatge Stabilizer	2.00	Each	3627.12	7254.24	INR Seven Thousand Two Hundred & Fifty Four and Paise Twenty Four Only
5.45	Supply and fixing of 5-star BLDC Ceiling Fan	2.00	Each	2966.10	5932.20	INR Five Thousand Nine Hundred & Thirty Two and Paise Twenty Only
5.46	Supply and fixing 22W LED Tubelight	4.00	Each	572.03	2288.12	INR Two Thousand Two Hundred & Eighty Eight and Paise Twelve Only
5.47	Supply and fixing 20W LED Bulb	4.00	Each	351.69	1406.76	INR One Thousand Four Hundred & Six and Paise Seventy Six Only
5.48	Providing Executive Table all complete as per the instruction of EIC	2.00	nos.	16016.95	32033.90	INR Thirty Two Thousand & Thirty Three and Paise Ninety Only

5.49	Executive Chair all complete as per the instruction of EIC	2.00	nos.	8218.64	16437.28	INR Sixteen Thousand Four Hundred & Thirty Seven and Paise Twenty Eight Only
5.50	Computer Table all complete as per the instruction of EIC	4.00	nos.	3388.98	13555.92	INR Thirteen Thousand Five Hundred & Fifty Five and Paise Ninety Two Only
5.51	Computer Chair all complete as per the instruction of EIC	4.00	nos.	1694.91	6779.64	INR Six Thousand Seven Hundred & Seventy Nine and Paise Sixty Four Only
5.52	File Cabinet all complete as per the instruction of EIC	2.00	nos.	5083.05	10166.10	INR Ten Thousand One Hundred & Sixty Six and Paise Ten Only
6.00	Total impact of GST for the purpose of CTC	1.000	Nos	0.00	0.00	INR Zero Only
Total in Figures					7401442.55	INR Seventy Four Lakh One Thousand Four Hundred & Forty Two and Paise Fifty Five Only
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words	INR Zero Only					