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Percentage BoQ

Tender Inviting Authority: M(E), ITPO, Bharat Mandapam						
Name of Work: Development of Hall 6, Mezzanine Floor- Civil & Electrical Works.						
Contract No: ITPO/CE(P)/Electrical & Civil/24-25/03						
Name of the Bidder/ Bidding Firm / Company :						
PRICE SCHEDULE						
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT With Taxes in Rs. P	TOTAL AMOUNT In Words
1	Electrical					
1.01	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.					
1.011	Group C	110	Point	Rs. 1,845.00	202950.00	INR Two Lakh Two Thousand Nine Hundred Fifty & Paise Zero Only
1.02	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	400	Metre	Rs. 433.00	173200.00	INR One Lakh Seventy Three Thousand Two Hundred & Paise Zero Only
1.03	Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 2 Nos. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	1800	Metre	Rs. 662.00	1191600.00	INR Eleven Lakh Ninety One Thousand Six Hundred & Paise Zero Only
1.04	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required.					
1.041	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	400	Metre	Rs. 186.00	74400.00	INR Seventy Four Thousand Four Hundred & Paise Zero Only
1.042	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	100	Metre	Rs. 204.00	20400.00	INR Twenty Thousand Four Hundred & Paise Zero Only
1.043	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	100	Metre	Rs. 589.00	58900.00	INR Fifty Eight Thousand Nine Hundred & Paise Zero Only
1.05	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.					
1.051	3 x 1.5 sq. mm	400	Metre	Rs. 48.00	19200.00	INR Nineteen Thousand Two Hundred & Paise Zero Only

1.052	6 x 1.5 sq. mm	200	Metre	Rs. 181.00	36200.00	INR Thirty Six Thousand Two Hundred & Paise Zero Only
1.053	3 x 2.5 sq. mm	400	Metre	Rs. 137.00	54800.00	INR Fifty Four Thousand Eight Hundred & Paise Zero Only
1.054	6 x 2.5 sq. mm	200	Metre	Rs. 265.00	53000.00	INR Fifty Three Thousand & Paise Zero Only
1.06	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required					
1.061	20 mm	400	Metre	Rs. 128.00	51200.00	INR Fifty One Thousand Two Hundred & Paise Zero Only
1.062	25 mm	500	Metre	Rs. 145.00	72500.00	INR Seventy Two Thousand Five Hundred & Paise Zero Only
1.063	32 mm	250	Metre	Rs. 184.00	46000.00	INR Forty Six Thousand & Paise Zero Only
1.07	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
1.071	5/6 A switch	110	Each	Rs. 103.00	11330.00	INR Eleven Thousand Three Hundred Thirty & Paise Zero Only
1.072	15/16 A switch	110	Each	Rs. 148.00	16280.00	INR Sixteen Thousand Two Hundred Eighty & Paise Zero Only
1.073	3 pin 5/6 A socket outlet	110	Each	Rs. 156.00	17160.00	INR Seventeen Thousand One Hundred Sixty & Paise Zero Only
1.074	6 pin 15/16 A socket outlet	110	Each	Rs. 197.00	21670.00	INR Twenty One Thousand Six Hundred Seventy & Paise Zero Only
1.08	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required. 12 Module(200mm X 150mm)	10	Nos.	Rs. 547.00	5470.00	INR Five Thousand Four Hundred Seventy & Paise Zero Only
1.09	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	150	Nos.	Rs. 586.00	87900.00	INR Eighty Seven Thousand Nine Hundred & Paise Zero Only
1.1	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	40	Each	Rs. 40.00	1600.00	INR One Thousand Six Hundred & Paise Zero Only
1.11	Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 2 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	500	Each	Rs. 537.00	268500.00	INR Two Lakh Sixty Eight Thousand Five Hundred & Paise Zero Only

1.12	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 modular socket outlet and 15/16 A modular type switch, connections etc. as required	15	Each	Rs. 586.00	8790.00	INR Eight Thousand Seven Hundred Ninety & Paise Zero Only
1.13	Supplying and fixing Cable End Box (Loose Wire Box) suitable for following triple pole and neutral, sheet steel, MCB distribution board, 415 Volts, on surface/ recess, complete with testing and commissioning etc.as required.	2	Each	Rs. 1,340.00	2680.00	INR Two Thousand Six Hundred Eighty & Paise Zero Only
1.14	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
1.141	Single Pole	40	Each	Rs. 256.00	10240.00	INR Ten Thousand Two Hundred Forty & Paise Zero Only
1.142	Double Pole	4	Job	Rs. 656.00	2624.00	INR Two Thousand Six Hundred Twenty Four & Paise Zero Only
1.15	Supply, Installation, Testing and Commissioning of 1200 mm sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CMM/W) minimum 6.85, Air delivery minimum 215 CMM, 350 RPM (tolerance as per IS : 374- 2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm,suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required.	55	Each	Rs. 2,688.00	147840.00	INR One Lakh Forty Seven Thousand Eight Hundred Forty & Paise Zero Only
1.16	Supplying and fixing extra conduit down rod of 20 cm length G.I. pipe 15 mm dia, heavy gauge including painting etc, as required. (Note: More than 5 cm length shall be rounded to the nearest 10cm and 5 cm or less shall be ignored)	3600	Each	Rs. 52.00	187200.00	INR One Lakh Eighty Seven Thousand Two Hundred & Paise Zero Only
1.17	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	55	Each	Rs. 369.00	20295.00	INR Twenty Thousand Two Hundred Ninety Five & Paise Zero Only
1.18	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required 510mm sweep	15	Each	Rs. 643.00	9645.00	INR Nine Thousand Six Hundred Forty Five & Paise Zero Only
1.19	Supplying and fixing of following ways, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415V, on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar , interconnections, powder painted including earthing as required.(But without MCB/RCCB/isolator) 8 Way (4+24), Double Door	2	Each	Rs. 5,967.00	11934.00	INR Eleven Thousand Nine Hundred Thirty Four & Paise Zero Only

1.2	Supplying and testing of following size XLPE Aluminium Armoured Cable Aluminium Conductor 650/1000 V. Grade conforming to IS: 7098 (Pt-1) 1988 , A) 3.5 Core, 70 Sq. Mm	400	Each	Rs. 1,263.00	505200.00	INR Five Lakh Five Thousand Two Hundred & Paise Zero Only
1.21	Laying and fixing of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of following size on cable tray as required. Above 95 sq. mm and upto 185 sq. mm (clamped with 25/40 * 3mm Metre MS flat clamp	400	Each	Rs. 92.00	36800.00	INR Thirty Six Thousand Eight Hundred & Paise Zero Only
1.22	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required 3.5 C X 70 Sq. Mm	4	Each	Rs. 468.00	1872.00	INR One Thousand Eight Hundred Seventy Two & Paise Zero Only
1.23	Supply, installation, testing and commissioning of Gyeser having 25 Ltr capacity, storage type as required. Make- Crompton , Bajaj, Havells, Vgaurd	1	Each	Rs. 10,268.00	10268.00	INR Ten Thousand Two Hundred Sixty Eight & Paise Zero Only
1.24	Supplying and fixing of Surface / Suspended IP65 rated 4' LED 36 Watt ,luminaire having 50mm height with minimum lumens output of 4300 Lumens and system efficacy not less than 120 lumens/watt, with 6500K color temperature, made of scratch resistant unbreakable co-extruded polycarbonate housing with high efficiency translucent integrated diffuser having IK07 impact resistance with operational voltage range of 140-270V, power factor> 0.95, , Inbuilt surge protection of 2.5kV, CRI of >80. The LEDs used have a life of 50000 burning hrs Lumen maintenance as per L70B50 with SDCM<=5, Surge: IEC 61000-4-5	55	Each	Rs. 6,229.00	342595.00	INR Three Lakh Forty Two Thousand Five Hundred Ninety Five & Paise Zero Only
2	Civil					
2.01	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size).	2.00	cum	Rs. 7,878.50	15757.00	INR Fifteen Thousand Seven Hundred Fifty Seven & Paise Zero Only
2.02	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 cement : 5 coarse sand (zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	55.00	cum	Rs. 6,518.60	358523.00	INR Three Lakh Fifty Eight Thousand Five Hundred Twenty Three & Paise Zero Only
2.03	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	5.00	cum	Rs. 9,105.95	45529.75	INR Forty Five Thousand Five Hundred Twenty Nine & Paise Seventy Five Only

2.04	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm	1100.00	sqm	Rs. 1,553.45	1708795.00	INR Seventeen Lakh Eight Thousand Seven Hundred Ninety Five & Paise Zero Only
2.05	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand)	300.00	sqm	Rs. 383.00	114900.00	INR One Lakh Fourteen Thousand Nine Hundred & Paise Zero Only
2.06	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer	1000.00	sqm	Rs. 162.55	162550.00	INR One Lakh Sixty Two Thousand Five Hundred Fifty & Paise Zero Only
2.07	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	550.00	sqm	Rs. 262.70	144485.00	INR One Lakh Forty Four Thousand Four Hundred Eighty Five & Paise Zero Only
2.08	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete : 25 to 40 mm nominal bore	2.00	each	Rs. 911.90	1823.80	INR One Thousand Eight Hundred Twenty Three & Paise Eighty Only
2.09	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 25 mm nominal bore	4.00	each	Rs. 622.40	2489.60	INR Two Thousand Four Hundred Eighty Nine & Paise Sixty Only
2.1	Cutting holes up to 30x30 cm in walls including making good the same: With common burnt clay F.P.S. (non modular) bricks	10.00	each	Rs. 416.80	4168.00	INR Four Thousand One Hundred Sixty Eight & Paise Zero Only
2.11	Cutting holes up to 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including finishing complete so as to make it leak proof.	10.00	each	Rs. 452.00	4520.00	INR Four Thousand Five Hundred Twenty & Paise Zero Only
2.12	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	10.00	each	Rs. 798.95	7989.50	INR Seven Thousand Nine Hundred Eighty Nine & Paise Fifty Only
2.13	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 a) 15 mm nominal bore 15mm nominal bore	6.00	each	Rs. 574.30	3445.80	INR Three Thousand Four Hundred Forty Five & Paise Eighty Only
2.14	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. Internal works. 15 mm nominal dia Pipes.	80.00	metre	Rs. 497.80	39824.00	INR Thirty Nine Thousand Eight Hundred Twenty Four & Paise Zero Only
2.15	20 mm dia nominal bore	20.00	metre	Rs. 537.60	10752.00	INR Ten Thousand Seven Hundred Fifty Two & Paise Zero Only
2.16	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 25 mm nominal bore Vertical	4.00	each	Rs. 624.10	2496.40	INR Two Thousand Four Hundred Ninety Six & Paise Forty Only
2.17	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) :15 mm	5.00	each	Rs. 318.35	1591.75	INR One Thousand Five Hundred Ninety One & Paise Seventy Five Only
2.18	25 mm nominal bore	5.00	each	Rs. 439.25	2196.25	INR Two Thousand One Hundred Ninety Six & Paise Twenty Five Only
2.19	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet : 18,22,1 100 mm diameter	10.00	each	Rs. 166.35	1663.50	INR One Thousand Six Hundred Sixty Three & Paise Fifty Only
Total in Figures					6415743.35	INR Sixty Four Lakh Fifteen Thousand Seven Hundred Forty Three & Paise Thirty Five Only
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words						INR Zero Only