

Percentage BoQ**Tender Inviting Authority : Managing Director, West Bengal Livestock Development Corporation Limited****Name of Work : Supply, Installation, Test Run and Commissioning of Electrical substation including allied electrical works at Kalyani Duck Breeding Farm, SLF Campus, Kalyani, Nadia - 741235 under West Bengal Livestock Development Corporation Limited, LB-2, Sector-III, Salt Lake City, Kolkata-700106 for 2025-26****e- Tender Ref. No. WBARD/WBLDC/NIT-873e/2024-2025 Dated 24/03/2025****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 relevent 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 Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	6	53	55
1	<u>ELECTRICAL WORK / INSTALLATION</u>					
1.01	Transportation, carriage, loading & unloading of the VCB & APFC Panel to the site.	2.000	Job.	3500.00	7000.00	INR Seven Thousand & Paise Zero Only
1.02	Transportation, carriage, loading & unloading of the Transformer to the site.	1.000	Job.	7500.00	7500.00	INR Seven Thousand Five Hundred & Paise Zero Only
1.03	Installation, testing, commissioning of 500 KVA, 11/0 415 V dry type indoor distribution transformer, including carriage with within a lead of 30 M by placing in position ,assembling living up leveling and fixing on the floor, and checking all component ,correctly set according to requirement and including S and F base frame as requirement	1.000	Job.	22500.00	22500.00	INR Twenty Two Thousand Five Hundred & Paise Zero Only
1.04	Totally repairing of enclosed single panel metal clad 630 ampere indoor type HT vacuum circuit breaker suitable for 11 KV, three phase 50 HZ AC main power supply including carriage, positioning, assembling, repairing and supply of Power Bank, internal wirrings, spouts-3 nos, CT coil- 3 nos, relay correct set according to requirement.	1.000	Unit	348000.00	348000.00	INR Three Lakh Forty Eight Thousand & Paise Zero Only

1.05	Installation of 630 A VCB complete with all necessary connections including carriage within a lead of 30 Mtrs by placing in position, assembling living up, leveling and fixing on the floor, fitting and checking all component, correctly set according to requirement and including S and F base frame as requirement	1.000	Job.	22500.00	22500.00	INR Twenty Two Thousand Five Hundred & Paise Zero Only
1.06	Supply and delivery of cubical type LT distribution panel board of appropriate size base mounted compartmentalized with Maple arrangement having rigid and self supporting structure fabricated from 3 mm thick CRCA sheet Steel with M/S angle frame the panel board consisting of the following switches A) Incoming arrangement supply and fixing in a separate chamber microprocessor based 50Hz 415V 800 ampere breaking capacity 65 KA electrical drawout type ACB with IPR to 4 pole -1 nos B) Bus section 500 volt 1000 ampere aluminium bus bar with vertical section of appropriate size for neutral and phases.					
1.07	A bus bar shall be fixed with FRP chair and the entire bars are insulated with PVC heat sinkable cable sleeve of suitable size and colour as per direction of E.I.C. b) switch this connector fuse (panel mounting cubical type) conform to IS: 13947 in Pen execution 3 pole and neutral AC 23 Ampere 50 Hertz 415 v 200 A - 3 nos 400 ampere DIN type HBC fuse link and spreader links -2 nos C) Switch disconnect or fuse (panel mounting cubical type) conform to IS:13947 in pen execution three pole and neutral AC 23 ampere 50 Hertz 415 volt 160 ampere- 3 nos 160 ampere DIN type HBC fuse link- 2 nos					

1.08	<p>d) Switch disconnect of use (panel mounting cubical type) conform to IS: 13947 in pen execution 3 pole and neutral AC 23 ampere 50 Hertz 416 volt 63 ampere with 3 numbers 63 ampere DIN type HBC fuse link- 2 nos Metering panel a)S and fixing 0-500 volt voltmeter of size 96 metres millimetre square (square type) AE make -1 no</p> <p>b) S and fixing 0-500 ammeter of size 96 mm square type AR make -1 no c) S and F Rotary type voltmeter selector switch off 10 ampere Kaycee make -1 no</p> <p>d) S&F Rotary type ampere metre selector switch of 10 ampere Kaycee make -1 no e) S and F current transformer of size 500 / 5A Kappa make -3 no f) S and F 20 ampere Bakelite fuses base and Bridge with 4 ampere HRC fuse link GE make -3 nosg) S&F danger board -1 no</p> <p>Inter connection: All interconnection of switches and bus bar shall be made with suitable size copper bar to be kept for cable connection for main switches and change over and the end of all connections of metering.</p>	1.000	Unit	785000.00	785000.00	INR Seven Lakh Eighty Five Thousand & Paise Zero Only
1.09	<p>Outgoing 400A 4 Pole MCCB-1 No. 250A 4 Pole MCCB- 2 Nos. 160A 4 Pole MCCB- 2 Nos. 100A 4 Pole MCCB- 1 No. 63A 4 Pole MCB - 2 Nos.</p>					
1.10	Supply of 11 KV Grade 3.5 core 240 sqmm PVC insulated Armoured XLPE (E) HT cable with Aluminium conductor. (Mescab/Gloster Make)	70.000	Mtrs.	2370.48	165933.60	INR One Lakh Sixty Five Thousand Nine Hundred Thirty Three & Paise Sixty Only
1.11	Laying of 11 KV Grade 3.5 core 240 sqmm PVC insulated Armoured XLPE (E) HT cable as required.	70.000	Mtrs.	650.00	45500.00	INR Forty Five Thousand Five Hundred & Paise Zero Only
1.12	Finishing the end of following XLPE/PVC armoured cables by crimping method incl. supplying and fixing solderless socket (Dowels make), tapes, anticorrosive paste & jointing materials :					
1.13	3.5 core 185 sq.mm. Page-F5, Item-8(b)(xxi)	8.000	Nos.	556.92	4455.36	INR Four Thousand Four Hundred Fifty Five & Paise Thirty Six Only
1.14	Supplying and fixing compression type gland complete with brass gland, brass ring & rubber ring for dust & moisture-proof entry of XLPE/PVC armoured cables as below :					
1.15	3.5 core 185 sq.mm.	8.000	Nos.	401.88	3215.04	INR Three Thousand Two Hundred Fifteen & Paise Zero Four Only

1.16	Installation of APFC Panel complete with all necessary connections including carriage within a lead of 30 Mtrs by placing in position, assembling living up, leveling and fixing on the floor, fitting and checking all component, correctly set according to requirement and including S and F base frame as requirement	1.000	Job.	28000.00	28000.00	INR Twenty Eight Thousand & Paise Zero Only
1.17	Supply and fitting and fixing of 12 KV (5 KA) lighting arrester	6.000	Nos.	4326.00	25956.00	INR Twenty Five Thousand Nine Hundred Fifty Six & Paise Zero Only
1.18	Making , testing , arrangement and submitting the test report for high voltage testing of specified voltage including checking and testing of all HD / LT equipment by authorised firm of directorate of electricity	4.000	Nos.	50000.00	200000.00	INR Two Lakh & Paise Zero Only
1.19	S&F 9 litre capacity round fire bucket including S&F MS hook and duly filled up by Sand as directed by EIC	6.000	Nos.	360.00	2160.00	INR Two Thousand One Hundred Sixty & Paise Zero Only
1.20	02 Kg capacity with ISI marked Co2 type fire extinguisher squeeze grip type conforming to IS:15683:2006 made from seamless cylinder conforming to IS:7285 duly approved by Chief controller of explosive,Nagpur, fitted with ISI marked controller of explosive,Nagpur, fitted with ISI marked controlled valve conforming to IS:3224, discharge adopter and horn complete with initial gas charged with carrying handle and wall mounting bracket suitable for operating between (-)30°C to (+)55°C. Fire rating -8B	4.000	Nos.	6670.80	26683.20	INR Twenty Six Thousand Six Hundred Eighty Three & Paise Twenty Only
1.21	S&F best quality first aid box (aluminium body) as per PWD specification completed with all the item as required by rules of Substation on MS bracket on wall including mending good the damage to original finish	4.000	Nos.	1450.00	5800.00	INR Five Thousand Eight Hundred & Paise Zero Only
1.22	S&F shock treatment chart pasted on hard board on wall with screw as required	4.000	Nos.	260.00	1040.00	INR One Thousand Forty & Paise Zero Only
1.23	S&F 11 KV rubber hand gloves	2.000	Pair	950.00	1900.00	INR One Thousand Nine Hundred & Paise Zero Only
1.24	Supply and delivery 6' X3' X0.5' rubber mat for 11 KV substation .Best quality and ISI approved	4.000	Nos.	7800.00	31200.00	INR Thirty One Thousand Two Hundred & Paise Zero Only
1.25	S& F E.I. danger board of size 20cm X 30cm on wall	8.000	Nos.	120.00	960.00	INR Nine Hundred Sixty & Paise Zero Only

1.26	Arrangement of different types of routine test and commissioning of 1 Transformer , 1 LT VCB and 1 LT panel as per IS 2026 and commissioning the installation after obtaining the approval from the director of electricity as direction of EIC	1.000	Nos.	25000.00	25000.00	INR Twenty Five Thousand & Paise Zero Only
1.27	Excavation of soil for installation of Earth Electrode and filling & ramming. (a) For Soft Soil.	18.000	Cu.M	219.30	3947.40	INR Three Thousand Nine Hundred Forty Seven & Paise Forty Only
1.28	Earthing with 80 mm dia GI pipe (TATA-Medium)x 3.0 Mts. long and 1 No. 65 mm x 8 mm galvanized (Hot Dip) steel strip (4 Mts. long), 20 mm dia x 125 mm long galvanized bolt, double nuts, double washers including finishing both ends by making holes etc. and S & F 80 mm dia GI pipe (ISI-Medium) protection (3 Mts. long) to be filled with bitumen partly under the ground level and partly above ground level to an average depth of 3.65 Mts.	12.000	Nos.	5455.98	65471.76	INR Sixty Five Thousand Four Hundred Seventy One & Paise Seventy Six Only
1.29	Earthing with 50 mm dia GI pipe 3.64 mm thick x 3.04 Mts. long and 1 x 4 SWG GI (Hot Dip) wire (4 Mts. long), 13 mm dia x 80 mm long GI bolts, double nuts, double washers incl. S & F 15 mm dia GI pipe protection (1 Mts. long) to be filled with bitumen partly under the ground level and partly above ground level driven to an average depth of 3.65 Mts. below the ground level as below: TATA medium	4.000	Nos.	1554.48	6217.92	INR Six Thousand Two Hundred Seventeen & Paise Ninety Two Only
1.30	Extra for providing masonry enclosure on the top of the earth electrode of overall size 86.36 cm x 86.36 cm x 46 cm deep (below Ground level) complete with cemented brick work(1:6) of 25 cm width duly plastered with cement mortar (inside) CI hinged inspection cover of size 36.56 cm x 35.56 cm with locking arrangement, GI reducer including drilling of 46 nos. 12 mm dia holes on the GI pipe.	16.000	Nos.	933.30	14932.80	INR Fourteen Thousand Nine Hundred Thirty Two & Paise Eighty Only
1.31	Extra for treatment of soil by using salt & charcoal or coke for plate electrode.	16.000	Nos.	514.62	8233.92	INR Eight Thousand Two Hundred Thirty Three & Paise Ninety Two Only
1.32	Supplying & fixing earth busbar of galvanized (Hot Dip) MS flat 65 mm x 8 mm on wall having clearance of 6 mm from wall including providing drilled holes on the busbar complete with GI bolts, nuts, washers, spacing insulators etc. as required.	96.000	Mtrs.	322.32	30942.72	INR Thirty Thousand Nine Hundred Forty Two & Paise Seventy Two Only

1.33	Supplying & fixing earth busbar of galvanized (Hot Dip) MS flat 50 mm x 6 mm on wall having clearance of 6 mm from wall including providing drilled holes on the busbar complete with GI bolts, nuts, washers, spacing insulators etc. as required. Page-G-2, Item-4 (c)	48.000	Mtrs.	220.32	10575.36	INR Ten Thousand Five Hundred Seventy Five & Paise Thirty Six Only
1.34	Supplying & fixing of high density H.T. Earth Bar Insulator sleeves for line protection.	138.000	Mtrs.	450.00	62100.00	INR Sixty Two Thousand One Hundred & Paise Zero Only
2	L.T. PORTION ELECTRICAL WORK / INSTALLATION					
2.01	Supply of 2 core 10 sqmm PVC insulated 1100 Volt Al. Armoured XLPE cable. Reputed make.	22.000	Mtrs.	198.90	4375.80	INR Four Thousand Three Hundred Seventy Five & Paise Eighty Only
2.02	Laying of cable upto 2 core 25 sqmm on wall/surface incl. S & F MS saddles with earthing attachment in 10 SWG GI (Hot Dip) Wire, making holes etc. as necy. mending good damages and painting.	22.000	Mtrs.	58.14	1279.08	INR One Thousand Two Hundred Seventy Nine & Paise Zero Eight Only
2.03	Supplying and fixing compression type gland complete with brass gland, brass ring & rubber ring for dust & moisture-proof entry of XLPE/PVC armoured cables as below :					
2.04	For 2 core x 10 sq. mm.	2.000	Nos.	117.30	234.60	INR Two Hundred Thirty Four & Paise Sixty Only
2.05	Finishing the end of following XLPE/PVC armoured cables by crimping method incl. supplying and fixing solderless socket (Dowels make), tapes, anticorrosive paste & jointing materials :					
2.06	For 2 core x 10 sq. mm.	2.000	Nos.	34.68	69.36	INR Sixty Nine & Paise Thirty Six Only
2.07	Supplying and fixing double-door SPN MCB Distribution Board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment. L&T Make. 2+10 Way.	1.000	No.	1508.58	1508.58	INR One Thousand Five Hundred Eight & Paise Fifty Eight Only
2.08	Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection. DP 40A. L&T. Make.	1.000	No.	830.28	830.28	INR Eight Hundred Thirty & Paise Twenty Eight Only
2.09	Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection. SP 6-32A.	10.000	Nos.	163.20	1632.00	INR One Thousand Six Hundred Thirty Two & Paise Zero Only

2.10	Distribution wiring in 1.1 KV grade 2x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) for ECC in 19 mm bore, 3 mm thick polythene pipe complete with all accessories embedded in wall for horizontal & vertical runs and in suitable size PVC casing-capping (Precision make) for ceiling portion only, incl. necy. fittings etc. to light/fan/call bell point with Modular type switch (Brand approved by EIC) fixed on Modular GI switch board with top cover plate and 2 no. suitable size "Ph & N" copper bar & earthing attachment flushed in wall incl. mending good damages to original finish [only PVC casing-capping on ceiling and remaining portion concealed]. Average run 9 mtr.	32.000	Nos.	1230.12	39363.84	INR Thirty Nine Thousand Three Hundred Sixty Three & Paise Eighty Four Only
2.11	Distribution Wiring in 1.1 KV grade 2x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in suitable size PVC casing-capping (Precision make) with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC, incl. necy. fittings etc. with S & F 6A 5 pin Modular type plug socket and switch (Brand approved by EIC) fixed on 4 Module GI / PVC switch board with 3/4 Module top cover plate on wall incl. necy. connection making earthing attachment, painting and mending good damages to building works [PVC casing-capping and plug box both on surface].					
2.12	On Board	12.000	Nos.	220.32	2643.84	INR Two Thousand Six Hundred Forty Three & Paise Eighty Four Only
2.13	Average run 1.5 mtr	5.000	Nos.	487.56	2437.80	INR Two Thousand Four Hundred Thirty Seven & Paise Eighty Only
2.14	Supply & Fixing 240V, Modular Socket (2 Module) type fan regulator (Step type) (Brand approved by EIC) on existing Modular GI switch board with top cover plate incl. making necy. connections etc.	5.000	Nos.	394.74	1973.70	INR One Thousand Nine Hundred Seventy Three & Paise Seventy Only
2.15	Fixing only Modular type fan regulator on existing Modular GI switch board with top cover plate incl. making necy. connections etc.	4.000	Nos.	14.28	57.12	INR Fifty Seven & Paise Twelve Only

2.16	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required. Page-					
2.17	2x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC	135.000	Mtrs.	121.38	16386.30	INR Sixteen Thousand Three Hundred Eighty Six & Paise Thirty Only
2.18	Supply, fitting & fixing of 400 mm dia High Speed Revolving Wall Mounted Fan. Hi-Flow. Crompton Make)	1.000	No.	4900.00	4900.00	INR Four Thousand Nine Hundred & Paise Zero Only
2.19	LED Flood Light 50 Watt. JFL 50W-G. LHEECNP7PB6Jo50 Centura Neo LED Flood Light 50 W 6500 K IP-66	4.000	Nos.	4600.00	18400.00	INR Eighteen Thousand Four Hundred & Paise Zero Only
2.20	Supply, fitting & fixing of LED Lamp 9W (Havell's / Syska Make)	9.000	Nos..	336.00	3024.00	INR Three Thousand Twenty Four & Paise Zero Only
2.21	Supply of 1200mm long LED FL Light set. (Havell's/Wipro Make)	5.000	Nos.	1200.00	6000.00	INR Six Thousand & Paise Zero Only
2.22	Supply of 450mm dia exhaust Fan Metal Body.Heavy Duty. (Havell's / EPC / Crompton Greeves Make)	8.000	Nos.	8950.00	71600.00	INR Seventy One Thousand Six Hundred & Paise Zero Only
2.23	Supply of 1200 long A.C. Ceiling Fan Complete with all accessories. (Crompton Greeves/Usha Make)	4.000	Nos.	2850.00	11400.00	INR Eleven Thousand Four Hundred & Paise Zero Only
2.24	Fitting & fixing of A.C Ceiling Fan .	4.000	Nos..	182.31	729.24	INR Seven Hundred Twenty Nine & Paise Twenty Four Only
2.25	S.I.T.C. of 600 mm Hi Speed Metal Body Stand Fan with its stand and all accessories complete. (Crompton Greeves Make).	2.000	No.	9800.00	19600.00	INR Nineteen Thousand Six Hundred & Paise Zero Only
2.26	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required.					
2.27	2x 56/0.3 (2.5 sqmm) + 1 x 36/0.3 (1.5 sqmm) ECC	24.000	Mtrs.	171.35	4112.40	INR Four Thousand One Hundred Twelve & Paise Forty Only
2.28	Supply & Fixing 240 V, 2 nos. 6A, & 2 nos. 20A plug socket with separate 2 nos. 6 A & 2 nos. 20A Modular switch, (Brand approved by EIC) on Modular board in wall incl. S & F 240x200x65 mm Modular switch board and making necessary connections as required	1.000	No.	838.44	838.44	INR Eight Hundred Thirty Eight & Paise Forty Four Only
2.29	Supply, fitting & fixing of 12mm long LED FL set complete withh all accessories on wall.	1.000	No.	1277.64	1277.64	INR One Thousand Two Hundred Seventy Seven & Paise Sixty Four Only
2.30	Supply, fitting & fixing of LED Ceiling Mounted fittings.(Wipro / Bajaj / Syska or similar Make) 110mm dia.	3.000	Nos..	1930.00	5790.00	INR Five Thousand Seven Hundred Ninety & Paise Zero Only

2.31	Supply, fitting & fixing of LED Ceiling Mounted fittings.(Wipro / Bajaj / Syska or similar Make) 80 mm dia.	2.000	Nos..	1830.00	3660.00	INR Three Thousand Six Hundred Sixty & Paise Zero Only
2.32	Supply, fitting & fixing of Call Bell (Buzzer).	2.000	Nos.	380.00	760.00	INR Seven Hundred Sixty & Paise Zero Only
2.33	Supply & fixing of 225mm dia exhaust Fan. (Crompton Greeves Make)	1.000	Nos.	4901.00	4901.00	INR Four Thousand Nine Hundred One & Paise Zero Only
2.34	Distribution wiring in 2 x 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make), with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC, to light/fan/call bell points with Modular type switch (Brand approved by EIC) fixed on Modular GI switch board with top cover plate and 2 no. suitable size "Ph & N" copper bar & earthing attachment fixed on wall incl. mending good damages to original finish.					
2.35	2x22/0.3 (Ph. & N) and 1x22/0.3 as ECC					
2.36	Average Run 10 Mtrs.	1.000	No.	1162.80	1162.80	INR One Thousand One Hundred Sixty Two & Paise Eighty Only
2.37	Finishing the end of following XLPE/PVC armoured cable					
2.38	4 Core X 6 sq.mm.	10.000	Nos.	63.24	632.40	INR Six Hundred Thirty Two & Paise Forty Only
2.39	4 Core X 10 sq.mm.	2.000	Nos.	68.34	136.68	INR One Hundred Thirty Six & Paise Sixty Eight Only
2.40	Supply & fixing of compressive type gland complete with Brass gland.					
2.41	4 Core X 6 sq.mm.	10.000	Nos.	117.30	1173.00	INR One Thousand One Hundred Seventy Three & Paise Zero Only
2.42	4 Core X 10 sq.mm.	2.000	Nos.	134.64	269.28	INR Two Hundred Sixty Nine & Paise Twenty Eight Only
2.43	Supplying and fixing double-door SPN MCB Distribution Board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment. (L&T2+2 way). Enclosure (LTSD04N) with 40 A 4 pole MCB.	1.000	No.	3917.00	3917.00	INR Three Thousand Nine Hundred Seventeen & Paise Zero Only

2.44	Supply and fixing of Industrial Plug socket 3 Phase 5 Pin (3 phase, 1 neutral and 1 earthing) with metal enclosure 3/4 Pole MCB's all accessories complete. 32 Amp.	1.000	No.	12800.00	12800.00	INR Twelve Thousand Eight Hundred & Paise Zero Only
2.45	Supply and fixing of Industrial Plug socket 3 Phase 5 Pin (3 phase, 1 neutral and 1 earthing) with metal enclosure 3/4 Pole MCB's all accessories complete. 16 Amp.	1.000	No.	12400.00	12400.00	INR Twelve Thousand Four Hundred & Paise Zero Only
2.46	Supply of 4C x 25 Sqmm Aluminium armoured cable of 1.1 kV grade. Make - Mescab/Polycab/Gloster	78.000	RM	557.23	43463.94	INR Forty Three Thousand Four Hundred Sixty Three & Paise Ninety Four Only
2.47	Supply of 4C x 10 Sqmm Aluminium armoured cable of 1.1 kV grade. Make - Mescab/Polycab/Gloster	16.000	RM	329.60	5273.60	INR Five Thousand Two Hundred Seventy Three & Paise Sixty Only
2.48	<u>Laying on Pole with Clamps:-</u> Fixing of Cable along the lenth of O.H. pole incl. S & F MS pole clamps fabricated from 25 mm x 6 mm MS flat incl. painting	60.000	RM	69.01	4140.60	INR Four Thousand One Hundred Forty & Paise Sixty Only
2.49	Finishing the end of following XLPE/PVC armoured cables by crimping method incl. supplying and fixing solderless socket (Dowels make), tapes, anticorrosive paste & jointing materials : 4 core 25 sqmm cable	5.000	Set	118.45	592.25	INR Five Hundred Ninety Two & Paise Twenty Five Only
2.50	Finishing the end of following XLPE/PVC armoured cables by crimping method incl. supplying and fixing solderless socket (Dowels make), tapes, anticorrosive paste & jointing materials : 4 core 10 sqmm cable	4.000	Set	69.01	276.04	INR Two Hundred Seventy Six & Paise Zero Four Only
2.51	Supplying and fixing 415 V Four Pole MCCB of Breaking capacity 25kA/35kA with fixed thermal and fixed magnetic / adjustable thermal and fixed magnetic setting in existing DBs / enclosure and necessary connection. 100 A FP Legrand	1.000	Set	7283.13	7283.13	INR Seven Thousand Two Hundred Eighty Three & Paise Thirteen Only
2.52	Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection. 63A FP Legrand	2.000	Set	1884.90	3769.80	INR Three Thousand Seven Hundred Sixty Nine & Paise Eighty Only
2.53	Supplying and fixing MCCB SS enclosure with IP-20/30 protection, powder coated provision for housing Four pole (4P) MCCB, concealed in wall after cutting the wall & mending good the damages to original finish / on flat iron frame incl. painting, connection & provision for earthing attachment. Legrand	1.000	Set	601.52	601.52	INR Six Hundred One & Paise Fifty Two Only

2.54	Supplying and fixing MCB SS enclosure with IP-20/30 protection, powder coated provision for two/four pole MCB, concealed in wall after cutting the wall & mending good the damages to original finish incl. painting, connection & provision for earthing attachment. 2 Way.	3.000	Set	278.10	834.30	INR Eight Hundred Thirty Four & Paise Thirty Only
2.55	Supplying and fixing 240/415 V MCB Isolator on din rail of existing DBs and necessary connection. 63 A Legrand FP	1.000	Set	870.35	870.35	INR Eight Hundred Seventy & Paise Thirty Five Only
2.56	Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection. 6-32A SP Legrand	6.000	Set	195.70	1174.20	INR One Thousand One Hundred Seventy Four & Paise Twenty Only
2.57	Supplying and fixing double door Horizontal TPN MCB Distribution board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment. 4 way Enclosure (607715) Legrand	1.000	each	2936.53	2936.53	INR Two Thousand Nine Hundred Thirty Six & Paise Fifty Three Only
2.58	Supplying & fixing sheet metal (16 SWG) Iron Clad Busbar chambers on angle iron frame on wall, incl. earthing attachment and painting as required – (As per Drawing no. 470 of PWD Specification Book – May 1991). 4 bars 415 V, 100/125 A Dimension of Al. bars [85mm long] 4 x 25x5mm Sheet Metal Box 500x150mm	1.000	RM	2556.46	2556.46	INR Two Thousand Five Hundred Fifty Six & Paise Forty Six Only
2.59	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required. 2 x 56/0.3 (4 sqmm) + 1 x 36/0.3 (2.5 sqmm) ECC	30.000	RM	153.47	4604.10	INR Four Thousand Six Hundred Four & Paise Ten Only
2.60	Distribution wiring in 1.1 KV single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make) incl. necy. fittings as required. 2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC	26.000	RM	122.57	3186.82	INR Three Thousand One Hundred Eighty Six & Paise Eighty Two Only
2.61	Supply & testing of Industrial type LED (Box) Double FL Fittings 1200 mm long with detachable double LED Tube set, front detachable acrylic cover.	15.000	Nos.	5098.50	76477.50	INR Seventy Six Thousand Four Hundred Seventy Seven & Paise Fifty Only

2.62	Fixing only single/twin fluorescent light fitting suspended 60 cm bellow the ceiling with 2 No. 20 mm dia EI conduit (14 SWG) supports fixed with "L" type MS clamp whose one side fixed on ceiling with suitable size 4 nos. fastener and other side connected with the conduit with suitable size of bolts and nuts incl. S&F EI conduit, "L" type (125mmx125mm) 6mm thick and 25mm with MS clamps and connecting the length of PVC insulated wire and mending good damages to original finish and painting etc. by 2x24/0.20 mm (1.5sqmm.) flexible copper wire of 1.50 mt. length.	15.000	Nos.	401.70	6025.50	INR Six Thousand Twenty Five & Paise Fifty Only
2.63	Break down repairing work of over head line with all the arrangements and tools	1.000	Job.	30000.00	30000.00	INR Thirty Thousand & Paise Zero Only
2.64	Wiring in 1.1 KV grade single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) of following sizes in 25mm PVC casing-capping (Precision make) incl. necy. PVC clips, fittings etc.					
2.65	2x 22/0.3 (1.5 sqmm) + 1 x 22/0.3 (1.5 sqmm)	264.000	Mtrs.	134.20	35428.80	INR Thirty Five Thousand Four Hundred Twenty Eight & Paise Eighty Only
2.66	2x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC	215.000	Mtrs.	220.26	47355.90	INR Forty Seven Thousand Three Hundred Fifty Five & Paise Ninety Only
2.67	Supply of LED Street Light Fittings IP-65 Standard (Model:-HPFLP9oW, ITEM CODE-LHEPARU7PN7J9o) Make:- Havell's	16.000	No.	9600.00	153600.00	INR One Lakh Fifty Three Thousand Six Hundred & Paise Zero Only
2.68	Fixing only outdoor / street light type fluorescent light fitting or MV light fitting complete with all accessories to be fixed /projected from the wall of the building incl. making holes/providing clamping arrangement & necy. GI reducer as required. S&F 40 mm GI pipe (ISI-Medium) quality 1.5 mts. average length having suitable bend S&F necy. length of 1.5 sqmm PVC insulated single core stranded annealed copper wire and making connections as required and mending good damages to wall incl. painting etc (Page-C3, Item No:-18).	16.000	No.	831.21	13299.36	INR Thirteen Thousand Two Hundred Ninety Nine & Paise Thirty Six Only
2.69	Supply, Installation, testing & commissioning of Lubricant oil filter (FP A00300) for Ashok Leyland make 30 KVA D.G. Set.	1.000	nos	3050.00	3050.00	INR Three Thousand Fifty & Paise Zero Only
2.70	Supply, Installation, testing & commissioning of Fuel filter (Diesel Filter) for Ashok Leyland make 30 KVA D.G. Set.	1.000	nos	4829.00	4829.00	INR Four Thousand Eight Hundred Twenty Nine & Paise Zero Only

2.71	Supply, Installation, testing & commissioning of Air filter for Ashok Leyland make 30 KVA D.G. Set.	1.000	nos	4829.00	4829.00	INR Four Thousand Eight Hundred Twenty Nine & Paise Zero Only
2.72	Replacement of Battery with new one for 30 KVA D.G Set.	1.000	nos	15850.00	15850.00	INR Fifteen Thousand Eight Hundred Fifty & Paise Zero Only
2.73	Supply & Insert of Coolent for Ashok Leyland make 30 KVA D.G. Set.	10.000	ltrs	1980.00	19800.00	INR Nineteen Thousand Eight Hundred & Paise Zero Only
2.74	Supply & Insert of Distilled Water for Ashok Leyland make 30 KVA D.G. Set.	15.000	ltrs	30.00	450.00	INR Four Hundred Fifty & Paise Zero Only
2.75	Supply of Diesel oil for the D.G. Set.	70.000	ltrs	95.00	6650.00	INR Six Thousand Six Hundred Fifty & Paise Zero Only
2.76	Supply & replacement of Pump Kit for Ashok Leyland Make 30 KVA D.G. Set.	1.000	nos	6550.00	6550.00	INR Six Thousand Five Hundred Fifty & Paise Zero Only
2.77	Supply & replacement of oil pipes for Ashok Leyland Make 30 KVA D.G. Set.	2.000	nos	1850.00	3700.00	INR Three Thousand Seven Hundred & Paise Zero Only
2.78	Supply, changing & filling of Mobil oil to the Engine, 30KVA Ashok Leyland Make D.G. Set.	18.000	ltrs	455.00	8190.00	INR Eight Thousand One Hundred Ninety & Paise Zero Only
2.79	Repairing of the defective wirings (cause due to rodant action) ffor 30 KVA Ashok Leyland Make D.G. Set.	1.000	job	4350.00	4350.00	INR Four Thousand Three Hundred Fifty & Paise Zero Only
2.80	Servicing charges for the entire 30 KVA Ashok Leyland Make D.G. Set with its engine with other parts. (Full Servicing).	1.000	job	6500.00	6500.00	INR Six Thousand Five Hundred & Paise Zero Only
2.81	Supply, fitting & fixing of LED Ceiling Mounted fittings.(Wipro / Bajaj / Syska or similar Make)	40.000	nos	2330.00	93200.00	INR Ninety Three Thousand Two Hundred & Paise Zero Only
2.82	Supply, Installation, testing & commissioning of Lubricant oil filter (FP A00620) for Ashok Leyland make 62.5 KVA D.G. Set.	1.000	no	4950.00	4950.00	INR Four Thousand Nine Hundred Fifty & Paise Zero Only
2.83	Supply, Installation, testing & commissioning of Fuel filter (Diesel Filter) for Ashok Leyland make 62.5 KVA D.G. Set.	1.000	no	5630.00	5630.00	INR Five Thousand Six Hundred Thirty & Paise Zero Only
2.84	Supply, Installation, testing & commissioning of Air filter for Ashok Leyland make 62.5 KVA D.G. Set.	1.000	nos	5630.00	5630.00	INR Five Thousand Six Hundred Thirty & Paise Zero Only
2.85	Supply & Insert of Coolent for Ashok Leyland make 62.5 KVA D.G. Set.	12.000	litrs	1980.00	23760.00	INR Twenty Three Thousand Seven Hundred Sixty & Paise Zero Only
2.86	Supply & Insert of Distilled Water for Ashok Leyland make 62.5 KVA D.G. Set.	25.000	litrs	30.00	750.00	INR Seven Hundred Fifty & Paise Zero Only
2.87	Supply of Diesel oil for thhe D.G. Set.	150.000	litrs	95.00	14250.00	INR Fourteen Thousand Two Hundred Fifty & Paise Zero Only
2.88	Supply, changing & filling of Mobil oil to the Engine, 62.5 KVA Ashok Leyland Make D.G. Set.	18.000	litrs	455.00	8190.00	INR Eight Thousand One Hundred Ninety & Paise Zero Only

2.89	Repairing of the defective wirings (cause due to rodant action) ffor 62.5 KVA Ashok Leyland Make D.G. Set.	1.000	job	4350.00	4350.00	INR Four Thousand Three Hundred Fifty & Paise Zero Only
2.90	Servicing charges for the entire 62.5 KVA Ashok Leyland Make D.G. Set with its engine with other parts. (Full Servicing).	1.000	job	8500.00	8500.00	INR Eight Thousand Five Hundred & Paise Zero Only
2.91	Supply, testing, fitting & fixing of out door type IP-65 LED Flood Light Fittings ISI make (Model:-200W-G) Centura Neo Telescopic Flood Light complete with fastener nuts and bolts, connection wire etc. Make:- Havell's / Philips/Crompton Greeves.	5.000	nos	8860.00	44300.00	INR Forty Four Thousand Three Hundred & Paise Zero Only
2.92	Supply and manufacturing of Industrial Extension cord comprising of 5core 6 sq.mm. copper cable Multistrand 1100 Volt grade with one end 5 Pin Metal Socket and one end 5 Pin metal top to match with the Industrial Plug socket.	2.000	nos	11400.00	22800.00	INR Twenty Two Thousand Eight Hundred & Paise Zero Only
2.93	Supply and manufacturing of Industrial Extension cord comprising of 3 core 4 sq.mm. copper cable Multistrand 1100 Volt grade with one end 3 Pin Metal Socket and one end 3 Pin metal top to match with the Industrial Plug socket.	1.000	nos	6400.00	6400.00	INR Six Thousand Four Hundred & Paise Zero Only
2.94	Supply of XLPE Insulated 5 core Multistrand 10 sq. mm 1100 Volt grade copper cable. (Reputed Make) ISI Approved.	66.000	mtrs	1450.00	95700.00	INR Ninety Five Thousand Seven Hundred & Paise Zero Only
2.95	Supply of XLPE Insulated 5 core Multistrand 6 sq. mm 1100 Volt grade copper cable. (Reputed Make) ISI Approved.	6.000	mtrs	1230.00	7380.00	INR Seven Thousand Three Hundred Eighty & Paise Zero Only
2.96	Laying of cable as below, after cutting floor/pavement/wall/ and making holes incl., embedding the cable at an average depth as below and mending good the damages to original finish incl. removing the rubbish					
2.97	From 2.5 sqmm to 35 sqmm at an average depth of 75 mm in floor/pavement/wall etc.	85.000	mtrs	146.05	12414.25	INR Twelve Thousand Four Hundred Fourteen & Paise Twenty Five Only
2.98	Dismantalling of 630A VCB with dismentlling all it's HT connections.	1.000	set	3500.00	3500.00	INR Three Thousand Five Hundred & Paise Zero Only
2.99	Dismantalling of APFC Panel with dismentlling all it's connections and dismantalling of CT coil.	1.000	set	3500.00	3500.00	INR Three Thousand Five Hundred & Paise Zero Only
3	Shifting of the VCB to the place as directed by the officer -in- charge.	1.000	set	1500.00	1500.00	INR One Thousand Five Hundred & Paise Zero Only
3.01	Shifting of the APFC Panel to the place as directed by the officer -in- charge.	1.000	set	1500.00	1500.00	INR One Thousand Five Hundred & Paise Zero Only

3.02	Unearth of HT cable without damaging it and staggging it to proper position.	160.000	mtr	210.00	33600.00	INR Thirty Three Thousand Six Hundred & Paise Zero Only
3.03	Laying of one no. H.T. cable 185 sqmm in underground trench 460mm wide X 760 mm average depth, with brick protection on the top of the cable with 8 (Eight) Nos. bricks per Mtr. Including filling the space between the bricks and cable and also the trench with shifted soil, levelling up and restoring surface duly rammed. Page- F 2, Item No.:- 1 ((b).	41.000	mtr	337.00	13817.00	INR Thirteen Thousand Eight Hundred Seventeen & Paise Zero Only
3.04	Supply and arrangement of 1 no straight through Heat Sink joint of 240 sqmm HT cable . (Kalyani Feed Milling Plant) Model No - 3MHO_X_AA_011E_3C0095_U40 Make- M-seal.	1.000	no	16484.80	16484.80	INR Sixteen Thousand Four Hundred Eighty Four & Paise Eighty Only
3.05	Supply & Commissioning of H.T. Terminal Jointint at VCB side.	1.000	no	9500.00	9500.00	INR Nine Thousand Five Hundred & Paise Zero Only
3.06	Supply & Fixing 240V, Modular Socket (2 Module) type fan regulator (Step type) (Brand approved by EIC) on existing Modular GI switch board with top cover plate incl. making necy. connections etc	4.000	nos	764.91	3059.64	INR Three Thousand Fifty Nine & Paise Sixty Four Only
3.07	Supply of 1200 long A.C. Ceiling Fan Complete with all accessories. (Crompton Greeves/Usha Make)	4.000	nos	2975.00	11900.00	INR Eleven Thousand Nine Hundred & Paise Zero Only
3.08	Supply of 1single core X 70 sq. mm. Al. conductor cable.XLPE Insulated, overall PVC sheathed 1100 Volt Grade.	135.000	mtrs	385.00	51975.00	INR Fifty One Thousand Nine Hundred Seventy Five & Paise Zero Only
3.09	Laying of cable as below, after cutting floor/pavement/wall/ and making holes incl., embedding the cable at an average depth as below and mending good the damages to original finish incl. removing the rubbish From 35 sqmm to 95 sqmm at an average depth of 75 mm in floor/pavement/wall etc.	135.000	mtrs	174.90	23611.50	INR Twenty Three Thousand Six Hundred Eleven & Paise Fifty Only
3.10	Supplying & fixing medium gauge GI Pipe (ISI-Medium) Protection with necessary fittings and jointing metarials as required	2.000	mtrs	379.50	759.00	INR Seven Hundred Fifty Nine & Paise Zero Only
3.11	Finishing the end of following XLPE/PVC armoured cable 4 Core X 70 sq.mm.	2.000	nos	289.30	578.60	INR Five Hundred Seventy Eight & Paise Sixty Only
3.12	Supply & fixing of compressive type gland complete with Brass gland. 2 Core X 70 sq.mm	2.000	nos	233.20	466.40	INR Four Hundred Sixty Six & Paise Forty Only
3.13	Supply fitting & fixing of 250 Watt Copper Sodium Vapour Street Light Fittings Choke.	1.000	nos	4600.00	4600.00	INR Four Thousand Six Hundred & Paise Zero Only

3.14	Supply fitting & fixing of 250 Watt Copper Sodium Vapour Street Light Fittings Lamp. Son-T.	1.000	nos	950.00	950.00	INR Nine Hundred Fifty & Paise Zero Only
3.15	Distribution wiring in 2 x 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FR' (Precision make), with 1x22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed copper wire for ECC, to light/fan/call bell points with Modular type switch (Brand approved by EIC) fixed on Modular GI switch board with top cover plate and 2 no. suitable size "Ph & N" copper bar & earthing attachment fixed on wall incl. mending good damages to original finish. 2x22/0.3 (Ph. & N) and 1x22/0.3 as ECC Average Run 10 Mtrs.	3.000	nos	1491.55	4474.65	INR Four Thousand Four Hundred Seventy Four & Paise Sixty Five Only
3.16	Wiring in 1.1 KV grade single core stranded 'FR' PVC insulated & unsheathed copper wire (Brand approved by EIC) of following sizes in 25mm PVC casing-capping (Precision make) incl. necy. PVC clips, fittings etc. 2x 22/0.3 (1.5 sqmm) + 1 x 22/0.3 (1.5 sqmm)	150.000	nos	117.30	17595.00	INR Seventeen Thousand Five Hundred Ninety Five & Paise Zero Only
3.17	Supply of 1200 long A.C. Ceiling Fan Complete with all accessories. (Crompton Greeves/Usha Make)	3.000	nos	2572.50	7717.50	INR Seven Thousand Seven Hundred Seventeen & Paise Fifty Only
3.18	Supply & Fixing Socket type fan regulator (Step type) (Brand approved by EIC) on existing sheet metal switch board with bakelite/perspex top cover by screw after making housing for regulator knob by cutting bakelite/perspex top cover incl. making necy. connections etc.	3.000	nos	650.00	1950.00	INR One Thousand Nine Hundred Fifty & Paise Zero Only
3.19	Supplying & Fixing iron beam fan clamp of two piece type, as per approved specification, fabricated from 40 mm x 9 mm MS sheet flat suitable for beam having flange upto 150 mm wide – (As per Drawing no. 476 of PWD Specification Book – May 1991)	3.000	ltrs	305.00	915.00	INR Nine Hundred Fifteen & Paise Zero Only
3.20	Supply, fitting & fixing of LED Lamp 9W (Havell's / Syska Make)	15.000	nos	336.00	5040.00	INR Five Thousand Forty & Paise Zero Only
3.21	Supply of 1200mm long LED FL Light set. (Havell's/Wipro Make)	10.000	nos	1260.00	12600.00	INR Twelve Thousand Six Hundred & Paise Zero Only
3.22	Supply, fitting & fixing of Ceiling Fan down rod as per site requirement. 1500 mm long.	3.000	nos	480.00	1440.00	INR One Thousand Four Hundred Forty & Paise Zero Only

3.23	Supply of 225mm dia exhaust Fan Metal Body.Heavy Duty. (Havell's / EPC / Crompton Greeves Make)	1.000	nos	5350.00	5350.00	INR Five Thousand Three Hundred Fifty & Paise Zero Only
3.24	Fitting & fixing of A.C Ceiling Fan .	3.000	nos	195.80	587.40	INR Five Hundred Eighty Seven & Paise Forty Only
3.25	Supply, fitting & fixing of Ceiling Fan catcher as per site requirement.	3.000	job	188.00	564.00	INR Five Hundred Sixty Four & Paise Zero Only
3.26	Supply & fixing of fan fixing down cord copper flexible wire 2500 mm long.	3.000	job	390.00	1170.00	INR One Thousand One Hundred Seventy & Paise Zero Only
4	<u>TAXES & DUTIES</u>					
4.01	Add : G.S.T. @ 18% of Rs. 33,52,409=70 i.e. Rs. 6,03,433=75	1.00	Unit	603433.75	603433.75	INR Six Lakh Three Thousand Four Hundred Thirty Three & Paise Seventy Five Only
4.02	Add : CESS @ 1% of Rs. 39,55,843=45 i.e. Rs. 39,558=43	1.00	Unit	39558.43	39558.43	INR Thirty Nine Thousand Five Hundred Fifty Eight & Paise Forty Three Only
Total in Figures					3995401.88	INR Thirty Nine Lakh Ninety Five Thousand Four Hundred One & Paise Eighty Eight Only
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only				