

GANGA METCO

Salempur Industrial Area, IP-2, Salempur Mehdood, Bahadarabad-249402 (Uttarakhand)

To,

VEDANTARAM

Check Sankya 143, khasra No.1149 to 1152

Bhagatpur Aabidpur urf Ikkar

Haridwar – 249404 (Uttarakhand)

SUBJECT – Quotation of Panel.

Sr. No.	Item Description.	Unit	Qty	Make
A) SUPPLY, ERECTION, TESTING & COMMISSIONING OF TRANSFORMER, SERVO				
SERVO STABILIZER				
1	Supply, Installation, Testing & Commissioning of Supply, Installation, Testing & Commissioning of Servo Kon Make 100 KVA (Balance Type) INPUT VOLTAGE 340-480 V (P to P) 195 -265 V (P to N) OUTPUT VOLTAGE 415 V \pm 1% (P to P) 230 V \pm 1% (P to N) (Warranty- 2Year)	Nos.	1	Servokon
B) TOTAL AMOUNT				
B) SUPPLY, ERECTION, TESTING & COMMISSIONING OF LT PANEL BOARDS				
1	Erection, Testing & Commissioning Of MAIN LT CUM 60KVAR APFC PANEL, ALUMINIUM BUS-BAR	Nos.	1	SPC
2	Erection, Testing & Commissioning Of PDB PANEL, ALUMINIUM BUS-BAR	Nos.	1	SPC
3	Erection, Testing & Commissioning Of UTILITY PANEL, ALUMINIUM BUS-BAR	Nos.	1	SPC
C) TOTAL AMOUNT				
C) EARTHING & EARTHING CONDUCTOR				
PLATE EARTHING (COPPER & GI)				
1	Making of 600x600x3mm thick Copper Plate, with 1 No. Copper strips from earth electrode to inspection chamber, medium class GI pipe, with mixtures of charcoal and common salt around plate electrode including digging of pit upto permanent moisture level but not less than 3 meters and back filling as required and provision for watering.	Nos.	4	Standard
2	Making of 600x600x6mm thick GI Plate, with 1 No. GI strips from earth electrode to inspection chamber, medium class GI pipe, with mixtures of charcoal and common salt around plate electrode including digging of pit upto permanent moisture level but not less than 3 meters and back filling as required and provision for watering.	Nos.	12	Standard
MAINTENANCE FREE GEL EARTHING (COPPER & GI)				
3	Supply, Installation, Testing & Commissioning of 3000MM. X 60MM. Copper Maintenance Free Gel Earthing station including 25Kg. High Conductive Booster Compound.	Nos.	RO	Standard

4	Supply, Installation, Testing & Commissioning of 3000MM. X 60MM. GI Maintenance Free Gel Earthing station including 25Kg. High Conductive Booster Compound.	Nos.	RO	Standard
5	Supply & Laying of 40X5mm GI earthing strip.	Mtr.	150	Standard
6	Supply & Laying of 25X3mm GI earthing strip.	Mtr.	150	Standard
8	Supply & Laying of 40X5mm Copper earthing strip.	Mtr.	50	Standard
9	Making Of Earthing pit Chamber making.	Nos.	16	Reputed
10	Supply & Laying of 1C X 6Sqmm Green Wire.	Mtr.	100	Polycab
11	Supply & Laying of 1C X 4Sqmm Green Wire.	Mtr.	100	Polycab
12	Supply & Laying of 1C X 2.5Sqmm Green Wire.	Mtr.	100	Polycab
D) TOTAL AMOUNT				
D)	CABLE TRAYS			
a	Supply and Installation in horizontal & vertical formation of prefabricated perforated type, ladder type, galvanised sheet steel cable trays of different widths and delivered in standard lengths along with Coupler plates and requisite number of hardwires at different levels along pipe rack, open area, ready made cable trenches, cable cellar, etc. trays on supports at different levels, aligning, joining of trays with couplers, clamping/ fastening to the support of the vertical portions and wherever required as per specs/ drawings. If any welding is to be done on cable trays applying of two coats of zinc rich primer and one coat of Silver paint at the modified/ repaired area/ portions and erection of the same. Cable tray supports shall be paid extra under the head of Structural steel. Installation of Factory fabricated GI Ladder type cable tray made out of 14swg sheet steel, side channel size 75mmx15 mm and rung size 30mmx6mm, spaced at 250mm interval and factory fabricated GI perforated type cable tray made out of 14swg sheet steel			
1	300mm(W) x 50mm(H) wide GI perforated type cable tray 2MM	Mtr.	120	SPC/True Leader
2	200mm(W) x 40mm(H) wide GI perforated type cable tray 1.6MM	Mtr.	250	SPC/True Leader
3	50mm(W) x 25mm(H) wide GI perforated type cable tray 1.6MM	Mtr.	100	SPC/True Leader
4	Coupling Plate	Nos.	190	SPC/True Leader
5	Installation and fabrication of ISI mark structural steel in form of MS angles, channels, flats etc. for supporting various items of equipments such as various panels, cable trays, push button stations, junction boxes, light fixtures, DB etc. (Approx.) including drilling, welding, bolting with supply of required hardware for mounting of trays as well as tray supports. fabricated and installed structural steel shall be suitably painted with two coats of red oxide primer. Colour shade of supports shall be same as that of main shade of support structure will be as per Client approval. 35 x 35 x 5 mm Angle, 40 x 40 x 5 mm Angle, 75x40 - Channel & 100x50 Channel for Support of Cable tray, Bridge & Frame of DB's & Panels.	Kg.	400	Standard
6	Supply & Fixing of 12 x 100mm long Anchor fasteners	Nos.	100	Standard
7	Supply & Fixing of 12mm Tie Rod.	Mtr.	50	Standard
9	Supply Of GI Nut-Bolts & 12MM Nuts	Kg.	10	Standard
E) TOTAL AMOUNT				
E)	L.T. CABLES & LT CABLE END TERMINATIONS			
a	laying, testing and commissioning of 1100V grade, XLPE insulated armoured / unarmoured Aluminium / Copper conductor cable as per technical specifications. The cable shall be laid in trenches / cable trays as required.			
1	3.5 C X 300 Sqmm LT XLPE insulated Aluminium conductor pvc outer sheathed Armoured cable 1.1KV	Mtr.	120	Polycab
2	3.5 C X 185 Sqmm LT XLPE insulated Aluminium conductor pvc outer sheathed Armoured cable 1.1KV	Mtr.	50	Polycab
3	3.5 C X 95 Sqmm LT XLPE insulated Aluminium conductor pvc outer sheathed Armoured cable 1.1KV	Mtr.	50	Polycab

5	4 C X 16 Sqmm LT XLPE insulated Copper conductor pvc outer sheathed Armoured cable 1.1KV	Mtr.	180	Polycab
6	4 C X 10 Sqmm LT XLPE insulated Copper conductor pvc outer sheathed Armoured cable 1.1KV	Mtr.	120	Polycab
7	4 C X 6 Sqmm LT XLPE insulated Copper conductor pvc outer sheathed Armoured cable 1.1KV	Mtr.	320	Polycab
8	4 C X 2.5 Sqmm LT XLPE insulated Copper conductor pvc outer sheathed Armoured cable 1.1KV	Mtr.	200	Polycab
b	LT CABLES END TERMINATIONS			
	Supply, Installation, Testing & Commissioning Of XLPE/PVC Insulated Armoured Cables and connection of the leads with weatherproof Single Compression Brass Nickel plated cable gland with lugs, Note:- For Al. Conductor- Aluminium Lugs & For Copper Conductor- Copper Lugs.			
1	3.5 C X 300 Sqmm LT XLPE insulated Aluminium conductor pvc outer sheathed Armoured cable 1.1KV	Nos.	6	Comet/Dowalls
2	3.5 C X 185 Sqmm LT XLPE insulated Aluminium conductor pvc outer sheathed Armoured cable 1.1KV	Nos.	2	Comet/Dowalls
3	3.5 C X 95 Sqmm LT XLPE insulated Aluminium conductor pvc outer sheathed Armoured cable 1.1KV	Nos.	2	Comet/Dowalls
5	4 C X 16 Sqmm LT XLPE insulated Copper conductor pvc outer sheathed Armoured cable 1.1KV	Nos.	12	Comet/Dowalls
6	4 C X 10 Sqmm LT XLPE insulated Copper conductor pvc outer sheathed Armoured cable 1.1KV	Nos.	8	Comet/Dowalls
7	4 C X 6 Sqmm LT XLPE insulated Copper conductor pvc outer sheathed Armoured cable 1.1KV	Nos.	18	Comet/Dowalls
8	4 C X 2.5 Sqmm LT XLPE insulated Copper conductor pvc outer sheathed Armoured cable 1.1KV	Nos.	14	Comet/Dowalls
11	1 C X 6 Sqmm Copper Lugs	Nos.	30	Comet/Dowalls
12	1 C X 4 Sqmm Copper Lugs	Nos.	30	Comet/Dowalls
13	1 C X 2.5 Sqmm Copper Lugs	Nos.	20	Comet/Dowalls
14	Cutting & Making Of 2.5 Sqmm To 35 Sqmm Cable Entry Hole	Nos.	26	
15	Cutting & Making Of 50 Sqmm To 95 Sqmm Cable Entry Hole	Nos.	2	
16	Cutting & Making Of 185 Sqmm To 300 Sqmm Cable Entry Hole	Nos.	8	
	F)TOTAL AMOUNT			
F)	INTERNAL LIGHT POINT WIRING			
1	Supply, Installation, Testing Commissioning Of 1100Volt Grade PVC Insulated Multistand FR Flexible Copper Wire 1.5 Sq mm	Mtr.	3000	Polycab
2	Supply, Installation, Testing Commissioning Of 1100Volt Grade PVC Insulated Multistand FR Flexible Copper Wire 2.5 Sq mm	Mtr.	500	Polycab
3	Supply, Installation, Testing Commissioning of 6Way TPN MCB DB Double Door IP43 Metal Door [63Amp FP 10KA MCB 'C' Curve -1No. Incomer & 6/20Amp SP 10KA MCB 'C' Curve 18Nos.Outgoing.)	Nos.	5	Schneider/Legrand
4	Supply, Installation, Testing Commissioning of 6Way SPN MCB DB Double Door IP43 Metal Door [32Amp DP 10KA MCB 'C' Curve -1No. Incomer & 6/20Amp SP 10KA MCB 'C' Curve 4Nos.Outgoing.)	Nos.	1	Schneider/Legrand
5	Supply, Installation, Testing Commissioning of 20Amp 3pin Single Phase industrial socket with 20Amp DP MCB.	Nos.	2	BCH
6	600 X 600, 36Watt Clean Room Surface Light Fixture For Office Area (Havells Model Pluto Panel)	Nos.	RO	Havells/Orient
6	600 X 600, 36Watt Surface Light Fixture (Havells Model Plano)	Nos.	RO	Havells/Orient
7	Supply, Fixing, Testing Commissioning of 70 Watt Street Light Fixture	Nos.	8	Havells/Wipro
8	Supply & Fixing Of 3Modular Box.	Nos.	4	Anchor Roma/Wipro

9	Supply & Fixing Of 8Modular Box.	Nos.	10	Anchor Roma/Wipro
9	Supply & Fixing Of 8Modular Plate.	Nos.	10	Anchor Roma/Wipro
10	Supply & Fixing Of 3Modular Plate.	Nos.	4	Anchor Roma/Wipro
11	Supply & Fixing Of 16A Switch	Nos.	4	Anchor Roma/Wipro
12	Supply & Fixing Of 6A Switch	Nos.	60	Anchor Roma/Wipro
13	Supply & Fixing Of 16A Socket	Nos.	4	Anchor Roma/Wipro
14	Supply & Fixing Of 6A Socket	Nos.	10	Anchor Roma/Wipro
15	Supply & Fixing Of 560W Fan Regulator	Nos.	90	Anchor Roma/Wipro
16	Supply & Fixing of 25MM PVC Conduit Pipe	Mtr.	1000	Polyking/Logic Flame
17	Supply & Fixing of PVC JB	Nos.	100	Standard
18	Supply & Fixing of 25MM PVC Bend	Nos.	100	Standard
19	Supply & Fixing of GI Sadaï	Nos.	200	Standard
20	300MM Cable Tie	Pkt.	5	Standard
21	200MM Cable Tie	Pkt.	5	Standard
22	150MM Cable Tie	Pkt.	2	Standard
23	PVC Insulation Tape	Pkt.	5	Standard
24	Fixing of 35X8mm Screws.	Nos.	400	Standard
25	Fixing of 8mm PVC Rawal plug/gitti.	Nos.	400	Standard
G)TOTAL AMOUNT				
G)	SAFETY AND PRECAUTIONS.			
1	Supply & Installation Of Electrical Shock/Safety Treatment Chart (Eng./Hindi) As Approved By the Electrical Inspectorate Mounted In a Teak Wood Frame And Suitable For Hanging On Wall.	Nos.	1	Standard
2	Supply & Fixing Of 4.5 KG Capacity CO2 Fire Extinguisher	Nos.	2	Standard
3	Supply & Erection Of 3 Set Of 3Nos Fire Buckets With Floor Stand And Neccessory Painting Filled With Sand Etc. Complete.	Nos.	2	Standard
4	Supply & Fixing Of Danger Boards For 11KV, 440Volt	Nos.	3	Standard
5	Supply & Fixing Of First Aid Box	Nos.	1	Standard
H)TOTAL AMOUNT				

FINAL AMOUNT (INCLUDING SR.NO.A TO G)

2500000.00

Term & Condition:-

: Freight – extra as per applicable.

: Taxes is extra as per applicable (18% Gst).

Payment Terms:-

: 50% Advance & 50% before delivery.

Authorised Signature

GANGA METCO

NITESH JAIN

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