

VISAKHAPATNAM PORT TRUST
MECHANICAL & ELECTRICAL ENGINEERING DEPARTMENT

NIT NO.66/IM&EE/MOF/FOF/ELE/EMP1002 DT:10.08.2016

Sealed quotations are invited for the work of Restoration of power supply and electrical switch gear to DLB junior college ground floor at S.G.Puram – Reg.

Last date and time of receipt of tender in CME's office at 15.00 hrs on 16.08.2016

ESTIMATED COST PUT TO TENDER Rs.3,99,000/-

WORK SCHEDULE

S.No	DESCRIPTION	QTY	UNIT	<u>RATE</u>	AMOUNT
1	Supply and running of surface / open type of point wiring of 2runs, 1.5 Sqmm PVC insulated, multi stranded copper conductor wires provided in suitable dia PVC conduit pipe in the wall/ceiling along with bends, elbows, flexible conduit etc., duly providing suitable 230V, 5/6A flush type control switch on a suitable switchboard with phenolic laminated top and 3 Plate ceiling rose / Batten holder for lights & fans etc. complete with all accessories for each point as directed by Engineer-in-charge including all labour, material, tools & tackles. Brands: 1) For cable: RADIANT/ L&T POLYCAB/ PLAZA / NICCO/FINOLEX./GLOSTER / HPL 2) PVC pipe: Sudhakar/Plaza/ Mercury/Radiant/Avon Plast. 3) For switches, sockets, ceiling roses etc. Anchor/ Cona	100	Points		
2	Supply and running of concealed / open type circuit wiring for switch boards power sockets and A.C unit with PVC insulated, multi stranded copper conductor cable of approved brand in suitable PVC conduit recessed on the wall/through false ceiling along with bends, elbows, flexible conduit etc including connections complete with all accessories as directed by Engineer-in-charge including all labour, material, tools& tackles. A) 3runs, 4 Sq.mm <u>Brands:</u> 1) <u>Cable:</u> L&T/ Radiant/ Polycab/ Plaza / Nicco/Finolex / HPL/Gloster 2) <u>PVC pipe:</u> sudhakar/plaza /mercury/Radiant/Avon Plast	400	RMT		
3	Supply and fixing suitable size metal box on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 3 pin, 5/6 A plug socket outlet and 5/6 Amps piano type switch, connection, including all labour and material as directed by Engineer-in-charge. Brands: 1) For switches, sockets, etc., Anchor/ Cona	50	Nos		
4	Supply and fixing suitable size metal box on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin, 5/6 & 15/16A plug socket outlet and 15/16 Amps piano type switch, connection, including all labour and material as directed by Engineer-in-charge. Brands: 1) For switches, sockets, etc., Anchor/ Cona	25	Nos		
5.	Supply, Fixing, connection and commissioning of 1200 mm sweep, 230V, ceiling fan along with suitable down rods complete with all	35	Nos		

	labour, tools and tackles as directed by Engineer in charge. Brands: khaithan / Usha / Almonard / Orient/ Bajaj/ Crompton greaves				
6	Supply, Fixing and connecting of electronic stepped type socket size fan regulators of approved brand on existing switch board as directed by Engineer in charge with all labour, tools, tackles & material. Brands: Anchor/ Cona/ Vimal	35	Nos		
7	Disconnecting, dismantling and removing of the existing point wiring, circuit wirings, sub main wiring switch boards, PVC pipes tube light fittings, ceiling Fans/AC starters etc., and handing over to the E/M section stores / General stores as directed by Engineer-in-charge including loading, unloading, and Transportation etc.,	03	Job		
8	Supply and fixing of 36/40 W box type tube light luminaries with all with all accessories such as copper choke , Lamp and starter switches as directed by Engineer-in-charge including all material labour tools and tackles. Make: Anchor / Cona / CG /Philips /GE /Wipro	50	Nos		
9	Supply and fabrication of steel by using suitable flats, angles, channels of required sizes to provide required , back clamps, for fixing of Cable / Gi pipe / angular / MCB Enclosures etc, including cutting, bolting, riveting, drilling, welding etc. including providing one coat of zinc rich epoxy paint primer complete as directed by engineer in charge.	50	Kgs		
10	Supply, fixing, testing and commissioning of 3 phase, neutral 400V, 4 Way, MCB distribution board of approved brand on existing angular frame duly grouted to the wall or concealed type, including connecting the incomer supply and load connections as directed by engineer in charge including all labour material tools and tackles Incoming: 3 phase, 4poles, 400/440V, 63A, Isolated– 1 No.Outgoing: Single pole 10 to 32A MCBs – 12 Nos	02	Nos		
11	Supply & Laying / Clamping/Drawing of 3.5 Core, 1.1 KV grade 50 Sq.mm, XLPE insulated, PVC sheathed aluminum conductor cable of approved brand and conforming to IS 7908(Part II) with latest amendment in the existing trench / to the wall with existing clamps/through existing pipe complete as directed by engineer in charge including all labour, tools and tackles. Brands : FINECAB / NICCO / TORRENT / GLOSTER/ FINOLEX / POLYCAB	100	Mtrs		
12	Supply, fixing and commissioning of 300 mm sweep Heavy duty exhaust fans suitable for operation on 230V AC single phase supply of approved brand on the wall duly fixing the same with necessary foundation bolts grouting to the wall as directed by engineer in charge including all labour, material, tools and tackles. Brands: Khaithan/ Almonard/ Alstom/ Bajaj/ Crompton Greaves.	10	Nos		
13	Supply, Fixing testing and commissioning of 1 phase, 220/240V, 63A, MCB single pole – 12 Nos in SS enclosure to the existing wall as directed by engineer in charge as directed by engineer in charge including all labour material tools & tackles Brands: C&S / L&T/Seimens	01	No		
14	Supply, Fixing testing and commissioning of 1 phase, 220/240V, 63A, MCB single pole – 04 Nos in SS enclosure to the existing wall as directed by engineer in charge as directed by engineer in charge including all labour material tools & tackles Brands: C&S / L&T/Seimens	03	Nos		
15	Excavation of trench of required width and depth for laying of LT cable / pipe, refilling and making the surface good to match the surroundings including removal of debris complete as directed by engineer in charge with all labour and tools.				

	a) Hard Soil b) Soft Soil	25 30	M ³ M ³		
16	Providing, earth station using 3.0 meters long, 40 mm medium grade G.I. pipe in a masonry enclosure of duly filling with alternate layers of salt and charcoal complete with GI funnel and covering with RCC cover and conforming to IS 3043 as directed by Engineer in charge including all labour and material	03	Nos		
17	Supply and fixing / running of 25 X 5 mm GI earth strip in open/recessed/clamped including connecting of the panel/mains as directed by Engineer-in-charge including all labour, tools and tackles	60	Mtrs		
18	Supply and providing of P.C.C. 1:3:6 with 20 mm graded granite as coarse aggregate and river sand as fine aggregate (220 Kgs of cement per M ³ of finished concrete) including mixing, depositing in position, tamping, finishing and curing for Meter boxes etc. as directed by Engineer in charge including all labour and tools	02	M ³		
19	Supply, fixing, testing and commissioning of Bulk head fitting with 60W GLS to the existing wall / ceiling as directed by engineer in charge including all labour, tools, tackles and material. Brands: Bajaj/ Phillips/ CG/ SURYA.	15	Nos		
20	Supply & providing Fan hook to existing ceiling with out damage to the surroundings as directed by engineer in charge including all labour, tools, tackles and material	30	Nos		
21	Supplying and fixing following 5A piano type switch on the existing switch box/ cover including connections etc. as required as directed by engineer in charge including all labour, tools, tackles and material	30	NoS		
22	Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/ wooden block including connection etc as required as directed by engineer in charge including all labour, tools, tackles and material	30	NOS		
23	Supply and fixing metal box of size 75x75x60mm(approx) on surface with suitable size of phenolic laminated sheet cover in front including painting as required as directed by Engg. I/c including all labour, tools, tackles and material	30	NOS		
24	Supply and running of surface / open type circuit wiring for lighting / fan points etc with PVC insulated, multi stranded copper conductor cable of approved brand in suitable PVC conduit recessed on the wall/through false ceiling along with bends, elbows, flexible conduit etc including connections complete with all accessories as directed by Engineer-in-charge including all labour, material, tools& tackles. A) 3runs, 1.5 Sq.mm <u>Brands:</u> 1) <u>Cable:</u> L&T/ Radiant/ Polycab/ Plaza / Nicco/Finolex / HPL /Gloster 2) <u>PVC pipe:</u> sudhakar/plaza /mercury/Radiant/Avon Plast	150	RMT		

PRE-QUALIFICATION CRITERIA:

- 1) Firm should have Proof of experience in execution of similar works means Contractors / Firms having experience in execution of any electrical works in any Govt. Depts./ Ports/ PSUs /PPP Projects/Reputed Private Firms.

2(a). Earnest Money of Rs.7980/- in the form of DD/BC or any other similar instruments of nationalized Banks / Scheduled Banks shall be paid in favour of Financial Adviser & Chief Accounts Officer, VPT. The Bank guarantee in VPT pro-forma will also be accepted. The Bank Guarantee issued by Foreign Bank should have endorsement of overseas branch of SBI. No self Cheques will be entertained under any circumstances. The E.M.D. paid will not carry any interest. The EMD of unsuccessful Tenderers will be refunded. Bids received without EMD will be summarily rejected.

(b). Tender Document Cost of Rs.400/- in the form of DD/BC or any other similar instruments of nationalized Banks / Scheduled Banks shall be paid in favour of Financial Adviser & Chief Accounts Officer, VPT. No self Cheques will be entertained under any circumstances. The Tender Document Cost is nonrefundable. Bids received without Tender document cost will be summarily rejected.

Terms and conditions:

1. The Contractor has to submit the offer duly super-scribing the name of the work on the envelope.
2. Firm's quoted rate shall be inclusive of all taxes & duties, but except Service Tax.
3. Service Tax will be paid extra on submission of documentary evidence.
4. Validity of offer should be Two months from the last date of tender i.e.16.08.2016
5. Statutory deductions will be made from the bills.
6. Conditional offers will be rejected.
7. In case of any clarification, Please contact at phone Nos: 2873193 / 2874209.
8. The workmanship and materials used in this work shall be guaranteed for a period of Six months from the date of completion of the work.
9. The work should be completed **within 10** days from the date of lifting the material / site clearance. The time for completion of the work is the essence of the contract.
10. The work shall be completed within the stipulated period, failing which a penalty @ ½% will be levied for every week of delay, on the part of the contractor subject to maximum 10% on total contract / executed value.
11. The tenderers can also visit VPT Website www.vizagport.com to download tender documents.

Sealed Quotations are to be addressed to:

Executive Engineer (Elec)
Mech & Electrical Engg.Dept.

Visakhapatnam Port Trust,

VISAKHAPATNAM-530035

CONTRACTOR

Executive Engineer (Elec)