

**VISAKHAPATNAM PORT TRUST**  
**MECHANICAL & ELECTRICAL ENGINEERING DEPARTMENT**

NAME OF THE WORK: Renovation of Electrical wiring & lights, fans, switches, MCB Distribution boards in the port Guest house and Sarada Mahila Samjam at harbour park - Reg.

Last Date and time of Receipt of Tenders in C.M.E.s office at 14.30 hours on 18. 01.2016.

**WORK SCHEDULE**

S.N o	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Supply, fixing and commissioning of surface/concealed type point wiring with 2 runs of 1.5 Sq mm, PVC insulated, FRLS multi stranded copper conductor cable of approved brand with suitable colour coding in a suitable dia PVC conduit recessed on the wall/through false ceiling complete with junction boxes, bends, elbows etc., duly providing suitable 230v, 5/6A flush type control switch, bell push, batten holder/ceiling rose for light & fans etc. complete with all accessories for each point complete as directed by Engineer in charge including all labour ,material, tools& tackles. 1)Cable Brands: Radiant/ L&T/ Polycab/Plaza /Nicco/Finolex/Gloster/RPG 2)PVC pipe Brands: Sudhakar /plaza/ mercury/Radiant/Avon Plast 3) For switches, sockets, ceiling roses Brands: Anchor/ Cona/MK/Pointer	24	Points		
2	Supply and running of surface/concealed type circuit wiring for switch boards power sockets and A.C unit with PVC insulated, FRLS multi stranded copper conductor cable of following size 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 Sqmm 1)Cable Brands:Radiant/ L&T/ Polycab/Plaza /Nicco/Finolex/Gloster/RPG 2) PVC pipe Brands: sudhakar/plaza /mercury/Radiant/ Avon Plast	150	Rmt		
3	Transportation, fixing, testing and commissioning of 4 “ (1 x 36/40 watt) single tube light fitting boxtype duly providing 2 Nos wooden/ PVC round blocks, on the wall /ceiling complete as directed by Engineer in charge including all labour, tools, tackles and material (Tube light fitting will be supplied by VPT at free of cost).	14	Nos		
4	Supply fixing and commissioning of flush type 2 in One 5/6 A, 3 pin plug socket of approved brand with separate 5/6 A, flush type control switch including all labour and material as directed by Engineer in charge. Brands: Kolors /Anchor /Cona /Roma euro	08	Nos		
5	Supply fixing and connecting of flush type 15A/5A 2 in 1 power socket with separate 16A control switch of approved brand on a suitable board including all labour and material as directed by Engineer in charge. Brands: Kolors /Anchor /Cona /Roma euro	08	Nos		
6	Transportaion, fixing, testing & commissioning of 230V, 1200mm ceiling fans complete with all labour tools & tackles as directed by Engineer in charge. (Ceiling fans will be supplied by VPT at free of cost).	08	Nos		
7	Supply, and providing down rod of 2 .5 feet length (approx.) to existing ceiling hook for fixing of ceiling fans as directed by Engineer in charge complete with all labour material, tools & tackles.	08	Nos		
8	Supply, fixing, connecting of 15-25 Amps ,modular type, A.C starter (ON & OFF switch control) of approved brand on suitable surface/concealed box including all labour and material as directed by Engineer in charge. Brands: Kolors/Schneider / Anchor /KREST/Roma euro	02	Nos		

9	Laying/Clamping of 4 C X 16/25 Sqmm LT cable 1.1 KV, XLPE, PVC insulated & PVC sheathed, armored, multistranded copper/Alluminium conductor Cable in the existing trench /to the existing wall with suitable clamps / complete as directed by Engineer-in-charge including all material labour, tools and tackles. (Cable will be supplied by VPT at free of cost)	150	Nos		
10	Supply and providing of gland termination for 4 Core x 16 Sq.mm, copper cable, including providing suitable glands, lugs etc., and necessary taping with suitable colour coded PVC tape including all labour, materials, tools and tackles as directed by Engineer-in-charge.	08	Nos		
11	Supply, fixing, connecting, testing and commissioning of 3 phase, 4 pole, 400/415 V, 125A, change over switch in sheet steel enclosure on suitable MS frame duly grouted to the wall as directed by Engineer-in-charge including all labour and materials. (Brands: Siemens/L & T/ABB/Schneider)	01	Nos		
12	Excavation of trenches of required width for laying of GI pipes, cables etc., including dressing of sides, ramming of bottoms, suitable depth including getting out the excavated soil and the returning the soil including consolidating each deposit layer by ramming, watering etc., and disposing of surplus excavated soil as directed by engineer in charge and complete all labour and material a) Hard/dense soil b) Soft/loose soil c) WBM surface	80 25 20	M <sup>3</sup> M <sup>3</sup> M <sup>2</sup>		
13	Providing, earth station using 3.0 meters long, 40 mm medium grade G.I. pipe in a masonry enclosure duly filling with alternate layers of salt and charcoal complete with GI funnel and covering with RCC cover conforming to IS as directed by Engineer in charge including all labour and material.	02	Nos		
14	Supply, fixing, connecting and commissioning of G.I wire 8SWG in recessed/ surface/ clamped to wall/ through PCC etc., from earth to switch gear/equipment including connecting the same at both ends as directed by engineer in charge including all labour and material.	60	Mtrs		
15	Supply ,fixing and connecting of socket size electronic step type fan regulators of approved brand on the existing switch boards as directed by engineer in charge including all labour tools and tackles Brands : kolor/anchor/MK/Roma euro/Cona/	08	Nos		
16	Removing of existing wiring and returning the removed material to E/M stores/general stores including all loading , unloading and transportation as directed by engineer in charge	01	Job		
17	Supply and fixing of three phase, 4 way MCB DB with 4 pole, 100 Amps, isolator for incomer and 12 nos 6-32 Amps MCB s for out going on the existing wall as directed by engineer in charge including all labour, material, tools and tackles Brands: C&S/L&T/ schneider/Seimens	3	No		
18	Supply, fixing, connecting, testing and commissioning of 100 W LED Spot lightfitting 2 Nos on wooden/ PVC round blocks, on the wall /ceiling complete as directed by Engineer in charge including all labour, tools, tackles and material(Brands:syska/GE/holinex/ECL	02	Nos		
19	Transportation , connecting, and commissioning annunciation panel at guest house duly connecting all controls necessary DC supply, etc. complete as directed by engineer in charge including all labour tools and tackles (8 window annunciation panel will be arranged by VPT at free of cost)	01	No		
20	Transportation and laying/clamping of 2 core 4 Sq mm copper conductor armoured cable in the trench and connecting to DC source and annunciation panel complete as directed by engineer in charge including all labour, material, tools and tackles.Cable will be supplied by VPT at free of cost	50	Mtrs		
21	Supply running, connecting, and commissioning of calling bell control with 1.5 sq.mm FRLS PVC insulated single core copper cable through existing recessed PVC conduit and connecting to annunciation panel as directed by engineer in charge including all labour, material, tools and tackles Brands RPG/Finolex/Finocab/L&T/ Poly cab/	180	mts		

22	Supply ,fixing and connecting modular type 5/6 A calling bell switch on suitable 1-3 module plate , including providing necessary module box and top cover complete as directed by engineer in charge including all labour tools and tackles.	6 nos	nos		
23	Removal of existing 300/200 Amps oldchange over switch duly disconnecting incomer and out going cables without any damage and returning the same to E/M stores /General stores as directed by engineer in charge including all labour tools tackles and transportation.	1 job	job		
24	Removal of existing LT power cables of assorted sizes and returning the removed material to general stores /E/M stores as directed by engineer in charge including loading, unloading, transportation etc.	60	Mtr		

Note: The Estimated cost is Rs.1, 54,623/-

1. The firm has to pay cost of Tender Documents Rs.200/- (Rupees Two hundred only) in the form of BC/PO/DD of any Nationalised Banks drawn in favour of FA&CAO
2. The firm has to pay E.M.D Rs.3092/- in the form of Bankers' Cheque / Pay Order / Demand Draft of Nationalized Banks drawn in favour of F.A & C.A.O., VPT.

(The firms who are not complying with the above criteria their tender 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 except Service Tax.
3. Service Tax will be paid extra on submission of documentary evidence.
4. Validity of offer should be 2 months from the last date of receipt of the offers.
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 / 2873207.
8. The workmanship and materials used in this work shall be guaranteed for a period of months from the date of completion of the work.
9. Firms who have not earlier worked in VPT, they have to submit copy of the work experience in respect of similar completed works in other Govt. organizations/PSVS/Ports etc. towards proof of experience of similar works.
10. The work should be completed within 30 days from the date of Lifting the material/Site clearance. The time for completion of the work is the essence of the Contract.
11. 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.

Sealed Quotations are to be addressed to:

Executive Engineer (Elec)  
Mech & Electrical Engg.Dept.  
Visakhapatnam Port Trust,  
VISA KHAPATNAM-530035.

CONTRACTOR

Executive Engineer (Elec)-I

