

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

Sub: Providing of Break water/Navigational lights at Fishing Harbour area – Reg.

**Last Date and Time of Receipt of Tenders in C.M.E.'s Office at 14.30 hours on
22-01-2016.**

WORK SCHEDULE

S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Excavation of pit/trench of required width and depth for laying of HT/LT cable/pipe, erection of pole/strut, earth pit/stay set etc., 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/dense soil b) Soft / loose soil c) WBM Road Surface	40 30 10	M3 M3 M2		
2	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 M3of finished concrete) including mixing, depositing in position, tamping, finishing and curing for base concreting, road cutting etc. as directed by engineer in charge including all labour and tools.	2	M3		
3	Supply , fabrication, erection, welding and fixing of Navigational Tower at Navigational lights at entrance channel of Fishing Harbour area with necessary channels, angles, clamps etc. for fixing of navigational lights, luminaries, Solar Panels, brackets, cables, junction boxes etc. with suitable size MS channels, angles, flats, base plates GI bolts, nuts, etc. including grouting of tower on the existing PCC/RCC slab , duly painting with one coat red oxide paint and two coats of enamel paint, including transportation with all labour, tools and tackles as directed by engineer in charge.	500	kgs		
4	Fixing, Laying of 2 core x 2.5 sqmm, 1.1 KV, grade, XLPE insulated & PVC sheathed, armoured, multi stranded copper conductor Cable in the existing trench with sand cushioning and brick protection on either side and top of the cable with standard bricks and river sand complete including termination of cable etc., as directed by Engineer in charge including all labour, tools & tackles (Cable will be supplied by VPT at free of cost)	200	Mtrs		

5	Transportation, fixing, testing & commissioning of 35watts,12V solar panels of dimension 650mmx530mm for navigational lights required for North and east break water of fishing harbour entrance channel as directed by Engineer in charge including all labour , material tools and tackles (Necessary solar panel will be supplied by VPT at free of cost)	4.	Nos.		
6	Transportation, fixing, testing and commissioning of marine lantern fittings suitable for North and east break water of fishing harbour entrance channel on the existing navigation tower with all accessories such as bolts and nuts, 2 core 1.5 Sq.mm multi stranded copper cable of required length connecting to supply source /batterys as directed by Engineer-in-charge including all labour, tools, tackles and materials. (Necessary marine lantern fittings, Batteries shall be supplied by VPT at free of cost)	2	Nos		

Note:

**The Estimate cost is Rs.72,630/-
Cost of Tender Document : Rs. 100/-
EMD Rs. 1460/-**

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 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 Twelve 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 @ 1/2% 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)