

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

NAME OF THE WORK: Modification of entrance gate at North East corner of port AOB  
Port area–Alignment of Electrical poles and Strengthening of  
Power supply –Reg.

Tender No. IM&EE/MOF/Elec/F-1251. DT. 22.05.2018

Last Date and time of Receiving of Tenders in C.M.E's office on 11-06-2018, at 14.00 hrs.

**WORK SCHEDULE**

<b>S. No</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT</b>	<b>RATE</b>	<b>AMOUNT</b>
01	Removal existing old B G Rail poles / round street light poles duly breaking the existing PCC coping and foundation without any damage to the pole and hand over the same to E/M section store as directed by engineer I/c including all labour tools and tackles and transportation.	12	Nos		
02	Transportation and erection / placement of existing 12 to 13mtrs long GI pole duly welded with suitable size base plate in the existing pits including fixing of street light fittings as directed complete with all labour and materials including loading and unloading of poles. (Note: BG Rail poles & street light fittings will be supplied by VPT at free of cost)	04	Nos.		
03	Supply of FRP hot moulded Junction boxes of size 300 x 200 x 125mm approx with duly fitted with 4 Nos din type mounted bus terminal connectors suitable for terminating 50 Sq.mm cable on a 3mm thick phenolic laminated sheet and 2 nos single pole 6A, 10 KA MCB. <b>MAKE: SINTEX/ HENSEL/ HPL/ ELM / GEWISS</b>	04	Nos		
04	Laying Clamping / Drawing and connecting 3C X 10 Sq.mm of 1.1 KV grade XLPE insulated & PVC sheathed, armored, PVC overall sheathed multi stranded aluminum conductor Cable in existing trench/to the pole with existing clamps / in the pole/pipe complete as directed by engineer in charge including all labour, tools & tackles. (Note: Cable will be supplied by VPT at free of cost)	500	Mtrs		
05	Fixing, testing and commissioning of LED / SV street light fittings luminaries, complete with all accessories, to connect to the supply source as directed by Engineer-in-charge including all labour, tools, tackles and materials. (Note: LED / SV street light fittings will be supplied by VPT at free of cost.)	04	Nos		

06	fixing testing & commissioning of Post top light fitting to , complete with all accessories for fixing on poles / gates duly providing 3 core 2.5 Sq.mm flexible copper control cable of required length to connect to the supply source as directed by Engineer-in-charge including all labour, tools, tackles and materials. (Note: post top fittings will be supplied by VPT at free of cost)	04	Nos		
07	Supply, fixing, testing & commissioning of Automatic Street Light Control System with Optical Sensor, Low voltage / High voltage trip and reset, operating voltage 150 - 280V AC per Phase, 50 HZ with suitable SMC enclosure of IP 54 protection, MCBs and contactor suitable to control the load of 12 KW of Three phase load with necessary clamping arrangements. <b>MAKE: SWADEEP NATURE SWITCH OR ITS EQUIVALENT.</b>	01	Nos		
08	Excavation of pit/trench of required width and depth for laying of LT cable/pipe, 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 & tackles. A) Hard soil B) Soft soil C) WB Road surface	25 25 10	M <sup>3</sup> M <sup>3</sup> M <sup>3</sup>		
09	Supply / Clamping / Laying of 40 mm dia medium grade HDPE pipe of approved brand to the pole with existing clamps / in existing trench as directed complete all labour tools & tackles. (Note: PIPE will be supplied by VPT at free of cost)	60	Mtrs.		
10	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 <sup>3</sup> of 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.	03	M <sup>3</sup>		
11	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 charcoal and salt Complete with GI funnel and covering with PCC cover and conforming to IS 3042 as directed by engineer in charge including all labour and material	01	Nos		
12	Supplying, fixing, connecting and commissioning of 8 SWG GI earth wire in recess / 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	20	Mtrs		

	all labour and material.				
13	Removal of following materials without damage and returning the removed material to general stores / E/M stores as directed by engineer in charge including all labour and loading, unloading, transportation etc. 1) RSFU'S / MCBDB'S / MCCBS 2) Street light fittings	01 04	Nos Nos		
14	Supply and fabrication of steel by using suitable flats, angles, channels of required sizes to provide required cross arms, back clamps, support clamps, frames for clamping of cable to existing wall cutting, bolting, riveting, drilling, welding etc. including providing one coat of zinc rich epoxy paint primer complete as directed by Engineer in charge.	100	Kgs		

Estimated cost Rs 1,21,385/-

**EXECUTIVE ENGINEER (ELEC.)-II**

Criteria:-

- 1.The firm has to pay the Tender Documents cost of Rs.200/- in the form of B C/ P O/ D.D. drawn on any Nationalized Bank in favour of F.A & C.A.O,V.P.T.
- 2.The firm has to pay EMD Rs.2,428/- in the form of Bankers Cheque/ pay order/Demand Draft of Nationalized Banks drawn in favour of F.A & C.A.O., VPT.
- 3.Solvency: Firm has to submit solvency certificate from a nationalized Bank/ Scheduled Bank to the extent of Rs.75 (seventy five) thousand obtained within last one year from the date of opening of the tender.  
(The firms, who are not complying with any one of 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 exclusive of GST. Component and payment will be made against TAX INVOICE as prescribed under the GST Act/Rules.
3. Firm has to submit the invoice with GST No.
4. GST
  - a). According to GST rules every firm/dealer is liable to be registered, whose turnover exceeds as per extent of rules in-force, for supply of goods/service/executing any works contract. Accordingly GSTIN is to be provided for participation in Tender and to award the Contract.
  - b) The rate quoted by the Firms should be exclusive of GST as applicable for this work contracts as a whole and the payment will be made to the Firm against TAX INVOICE as prescribed under the GST Act/Rules.
  - c) The Supplier/Contractor is required to remit GST as per the TAX Invoice and file the details in GSTRI as per the Govt. guidelines, to enable VPT to claim input tax credit, otherwise the said tax invoice will be kept pending for payment.
5. Validity of offer should be 3 months from the last date of receipt of the offers.
6. Statutory deductions will be made from the bills.
7. Conditional offers will be rejected.
8. In case of any clarification, Please contact at phone No. 2873295/2873193.
9. The workmanship and materials used in this work shall be guaranteed for a period of 6 months from the date of completion of the work.
10. The work should be completed within 20 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.
12. Firms who have not worked earlier in VPT, they have to submit copy of the work experience in respect of any electrical Rewinding works in other Government Organizations/PSUs/Ports/private firms etc towards proof of experience of work.

Sealed Quotations are to be addressed to:

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

**CONTRACTOR**

**Executive Engineer (Elec.)-II**