

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

NAME OF THE WORK: Replacement of existing deteriorated LT Power distribution Panel, U/G Cables etc. at Marine Complex.

Tender No. IM&EE/MOF/Elec/F-1253. DT. 04-06-2018.

Last Date and time of Receiving of Tenders in C.M.E's office is at 14.00 hrs on 20-06-2018,.

**WORK SCHEDULE**

S. No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	<p>Supply, installation, testing and commissioning of LT power supply panel, Indoor / Outdoor, Wall / Base mounted type made of 2mm thick CRCA sheet with hinged door double door type with top extended canopy and bottom cable entry glands duly painted with powder coated epoxy paint over a coat of anticorrosive primer completely prewired with suitable flexible copper cable from bus bar to MCCB's and outgoing terminals duly incorporating the following switchgears.</p> <p><b>Incomer:</b></p> <p>1) MCCB 415V, 200Amps, 3Pole, 25KA-1No. (MAKE: SIEMENS / L&amp;T / ABB / SCHNEIDER / HAVELLS)</p> <p><b>Outgoing:</b></p> <p>2) 100A MCCB's -4 Nos (MAKE: SIEMENS / L&amp;T / ABB / SCHNEIDER / HAVELLS)</p> <p>3) <b>Busbar:</b> TPN Aluminium bus bar 400A with colour coded heat shrinkable PVC Sleeves - 1Set</p> <p>4) <b>Indication Lamps: R, Y, B – 5sets.</b></p> <p>5) L.T. 3phase Digital multifunction energy meter with 3 lines, CT operated, LCD display for measuring all the parameters (voltage / Current / Power / frequency / power factor / kw / kwh / KVAR/ KVARH/) on panel board including connections etc.,</p> <p>6) 200 A change over switch <b>MAKE: CONZERVE / ELMEASURE / LEGRAND / MECO / HPL / ABB / SIEMENS / L&amp; T OR ANY OTHER REPUTED MAKE.</b></p>	01	Nos		

2	Supply installation, fixing connecting and commissioning of LT bus bar panel indoor type made of 14 SWG sheet steel with hinged doors and locking arrangement duly providing 100 A capacity aluminium bus bars for 3 phases and neutral with necessary provision to terminate one incoming cable of size 3.5 C x 50/25 sq.mm and 1 outgoing cable of size 4C X 16/25 Sqmm including fixing the same on the existing wall complete as directed by Engineer in charge including all labour tools tackles and material. <b>MAKE: ANY REPUTED MAKE.</b>	04	Nos		
3	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	25 50	M <sup>3</sup> M <sup>3</sup>		
4	Supply / Clamping / Laying of 120 mm Outer dia & 103.5 mm inner dia HDPE pipe of approved brand to the pole with existing clamps / in existing trench as directed complete all labour tools & tackles. <b>MAKE:ANY REPUTED MAKE</b>	100	Mtrs		
5	Laying Clamping / Drawing and connecting 4CX16/25 Sq.mm 1.1 KV grade XLPE insulated & PVC sheathed, armoured, PVC overall sheathed multi stranded Copper cable, in the 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.	150	Mtrs		
6	Laying Clamping / Drawing and connecting 4CX95/120 Sq.mm 1.1 KV grade XLPE insulated & PVC sheathed, armoured, PVC overall sheathed multi stranded aluminum 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.	150	Mtrs		

7	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.	01	M <sup>3</sup>		
8	Supply and fabrication of steel by using suitable flats, angles, channels of required sizes to provide required, back clamps,, for clamping of cables, erection of LT panel 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.	25	Kgs		
9	Breaking of PCC and removing debris as directed by Engineer-in-charge including all labour, tools and tackles.	05	M <sup>2</sup>		
	Total				

Put to tender Rs.1,47,030/- (Rupees one lakh forty seven thousand and thirty)

**Pre-qualification 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/ scheduled Bank in favour of F.A & C.A.O/V.P.T.
2. The firm has to pay EMD Rs. 2,941/- in the form of Bankers Cheque/pay order/Demand Draft of Nationalized Banks / scheduled Bank drawn in favour of F.A & C.A.O., VPT.

**Note:** All the eligible Bidders, who are registered with NSIC / Ministry of MSME are exempted from payment of EMD amount and Tender Document Cost subject to fulfilling the following conditions:-.

- a)** The Bidder has to submit the self-certified copy of the Registration Certificate issued by NSIC / Ministry of MSME for the works / services relevant to the “Subject Tender”.
- b)** The above Registration certificate should have validity on the date of opening of the technical bid.
- c)** In case the Registration certificate issued by NSIC / Ministry of MSME is found to be invalid (date expired) or irrelevant works or services i.e. other than the tendered works/services, then the above Registration certificate cannot be considered for exemption of EMD & Tender Document Cost and the Bid received will be treated as “Bid submitted without EMD and Tender Document Cost”, which would attract disqualification under clause No. (1) & (2) above.

d) Copy of “Application for obtaining NSIC/MSME Registration” or pending renewal of NSIC/MSME certificates will not be entertained. Such offers will be treated as Offers received without EMD and Tender document cost.

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)

**CONTRACTOR**

**Superintending Engineer (Elec.)-I**

**Terms and conditions:**

1. The Contractor has to submit the offer duly super-scribing the name of the work on the envelope.
2. According to GST rules, every firm/dealer is liable to be registered, whose turnover exceeds Rs.20 Lakhs for supply of Goods/Services/Executing any work contract.
3. Firm's quoted rate shall be exclusive of GST components.
4. Payment will be made against TAX INVOICE as prescribed under the GST Act/Rules and the supplier/contractor is required to remit GST as per the Govt. Rules and file the details in GSTR1 on or before 10th of the subsequent month 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 2 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. 2873207.
9. The workmanship and materials used in this work shall be guaranteed for a period of 12 months from the date of completion of the work.
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.
12. Firms, who have not worked (electrical works) earlier in VPT, they have to submit copy of the work experience in respect of any electrical works in other Government Organizations/PSUs/PPP Projects towards proof of experience of works and also valid electrical licence issued by any Competent Authority.

**CONTRACTOR**

**Superintending Engineer (Elec.)-I**