

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

NAME OF THE WORK: Electrification of newly constructed pump house (first floor) at Delta point and renewal of electrical wiring, providing of LED lights etc. in Sy. Deputy Traffic manager room at Ambedkar Bhavan.

Tender No. IM&EE/MOF/Elec/F-1246. DT. 05 .12.2017

Last Date and time of Receiving of Tenders in C.M.E's office on 18-12-2017, 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>
1	Supply, fixing testing and commissioning of single Phase 16 Amps DP switch with indicator on existing suitable teak wood board as directed by engineer in charge complete with all labour, tools,& tackles.	01	Nos		
2	Supply, fixing, testing and commissioning of 415 volts 3 phase, neutral 415V, 4 Way, MCB distribution board on angular frame duly grouted to the wall or concealed type, including connecting the incoming supply and outgoing load connections as directed by Engineer- in- charge including all labour material tools and tackles a) Incoming: 3 phase, 4poles, 400/440V, 63A, Isolator– 1 No. b) Outgoing: Single pole 6 to 32A MCBs – 12 Nos <b>MAKE:ANCHOR / BCH / HAVELLS / SCHMINDER / LEGRAND / SIEMENS / GE / ABB / GM / STANDARD / HPL / HAGER / INDO ASIAN / C&amp;S.</b>	01	No's		
3	Supply, fixing and commissioning of surface/concealed type point wiring with 2 runs of 2.5 sq mm & one run of 1.5 Sq mm, PVC insulated, multi stranded copper conductor cable of approved brand with suitable colour coding in suitable dia PVC conduit duly fixed/clamped on the wall / ceiling complete with junction boxes, bends, elbows etc., including providing of suitable 230V, 5/6A flush type control switch to 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. <b>1) CABLE MAKE: RADIANT/ POLYCAB / PLAZA / NICCO / FINOLEX / HAVELLS / FORTUNE ART / ORBIT / V-GUARD / KEI / GM.</b>	25	Points		

	<b>2)PVC PIPE MAKE: SUDHAKAR / PLAZA / MERCURY / RADIANT / AVON PLAST/ MODI / VIP / GM</b> <b>3) SWITCHES, SOCKETS, CEILING ROSES</b> <b>MAKE: ANCHOR/ CONA / MK / POINTER / GOLD MEDAL OLIVE / MILLION ZOOM.</b>				
4	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 in suitable PVC conduit duly fixing on the wall 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 b) 3runs, 6 Sq.mm <b>1) CABLE MAKE: L&amp;T / RADIANT / POLYCAB / PLAZA / FINOLEX / RPG / HAVELLS / FORTUNE ART / V-GUARD / KEI / GM.</b> <b>2)PVC PIPE MAKE: SUDHAKAR / PLAZA / MERCURY / RADIANT / AVON PLAST /MODI / VIP / GM.</b>	140 20	Rmt Rmt		
5	Supply, fixing and connecting of piano type 3 pin 6A flush type socket with switch control complete with all labour, material tools, & tackles as directed by Engineer in charge. <b>MAKE: ANCHOR / CONA / HAVELLS / MK / POINTER / GOLD MEDAL OLIVE / MILLION ZOOM.</b>	12	Nos		
6	Supply, fixing and connecting of piano type 5 in 1,15/16A flush type power sockets with switch control complete with all labour, material tools, & tackles as directed by Engineer in charge. <b>MAKE: ANCHOR / CONA / HAVELLS / MK/ POINTER / GOLD MEDAL OLIVE / MILLION ZOOM.</b>	05	Nos		
7	Supply ,fixing connecting and commissioning of recess mounting flat panel type, 2x2ft 45-50W LED light fitting to work on 230V +/-5% 50Hz single phase AC supply with all accessories similar to make HALONIX model no.HLFPR22-02-48-CW, to the existing false ceiling with all accessories as directed by engineer in charge including all labour tools and tackles <b>MAKE:PHILIPS / HAVELLS / BAJAJ / CROMPTON / GE / WIPRO / JAQUAR / HALONIX</b>	02	Nos		
8	Supply, Fixing, Testing & Commissioning of 9 to 15 watt Recess mounting type Square/Round type approx 225mm Dia LED fitting with all accessories for fixing in the false ceiling suitable to work on single phase 230V,AC supply, complete with all labour, tools, material & tackles as directed by Engineer in charge. <b>MAKE: PHILIPS / JAQUAR/ BAJAJ / /HAVELLS / SYSKA / HALONIX / INSTA POWER</b>	06	Nos		
9	Supply, fixing, connection and commissioning of 4 FT (1	08	Nos		

	x 18/20 watt) LED tube light fittings suitable to operate on 220-260V AC, 50HZ supply duly providing 2 Nos wooden/ PVC round blocks, duly fixing the same on the wall/ceiling complete with all accessories as directed by Engineer in charge including all labour, tools, tackles and material. MAKE: PHILIPS / BAJAJ / C.G / WIPRO / VIN / LAAJ / JAQUAR / EESL / HALONIX.				
10	Supply, Fixing, & Commissioning of 400mm wall mounted fan suitable to work on 230 V, 50 HZ, single phase AC supply duly fixing on the wall with suitable MS clamps/brackets nuts, bolts etc. Complete with all labour, material tools, & tackles as directed by Engineer in charge. MAKE: BAJAJ / C.G / USHA / POLAR / KHIATAN / ALMONARD / HAVELLS / ORIENT	02	Nos		
11	Supply and fabrication of MS brackets/clamps by using suitable flats, angles, channels of required sizes to provide required, back clamps, support clamps, frames for clamping of cable to existing wall/ceiling including cutting, welding, bolting, riveting, drilling, etc. duly providing with one coat of zinc rich epoxy paint primer complete as directed by Engineer in charge with all labour, material, tools& tackles.	15	Kgs		
12	Supply, fixing connecting and commissioning premium quality modular type Starter of 25 amps rating suitable for control of AC unit (up to 2 TR capacity ) on the existing box as directed by engineer –in-charge including all material labour tools and tackles. MAKE: ANCHOR / CONA / HAVELLS / MK	01	No's		
13	Supply, fixing, testing & commissioning of 230V, 1200mm ceiling fans five star rating(power consumption 50W or less than 50W) of approved brand in Ivory/brown/white colour, complete with all material, labour tools & tackles as directed by Engineer in charge. MAKE: BAJAJ / C.G / USHA / KHIATAN / ALMONARD	06	Nos		
14	Providing, earth station using 3 meters long, 40 mm medium grade G.I. pipe. In a masonry enclosure of duly filling with alternate layers of coal and charcoal complete with GI funnel and covering with PCC cover and conforming to IS 3043 as directed by engineer in charge including all labour and material	01	Nos		
15	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 all labour and material.	20	Mtrs		
16	Supplying, fixing, connecting and commissioning of 25 X 4 / 5 MM GI earth strip in recess/surface/clamped to wall/through PCC etc., from earth to switch	15	Mtrs.		

	gear/equipment including connecting the same at both ends as directed by Engineer in charge including all labour and material.				
	Total				

**Estimated cost Rs.1, 09,800/-**

**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 in favour of F.A & C.A.O., V.P.T.
2. The firm has to pay EMD Rs.2,200/- 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. 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 and firm has to submit the GST No.
3. Firm's quoted rate shall be exclusive of GST component.
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 TAX SERVICE and file the details in GSTR1 as per the fresh guide lines 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 02 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 earlier in VPT, they have to submit the documentary evidence towards proof of experience of execution of any electrical works in other Government Organizations/ PSUs/ Ports and also copy of the valid electrical licence issued by any Competent Authority.

**CONTRACTOR**

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