

VISAKHAPATNAM PORT TRUST
MECHANICAL & ELECTRICAL ENGINEERING DEPARTMENT

NAME OF THE WORK: Electrification to the newly constructed VPT branch dispensary building in Chinamushidiwada at Pendurthi mandal

Tender No. IM&EE/MOF/Elec/F-1275. DT.24.09.2019.

Last Date and time of Receiving of Tenders in C.M.E's office on 10-10-2019 at 14.00 hrs.

WORK SCHEDULE

S.No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Supply and providing of 3 phase, 4 wire, overhead service duly providing 4 runs of 16 Sq.mm, PVC insulated sheeted aluminium wire and 2 runs of 8 SWG support wires, cleats etc., and drawing the above service through 2.5 mtrs long 50mm dia, medium grade GI bend pipe up to and into switch board as directed by Engineer in charge including all labour, tools, tackles & material (1 RMT=4 Runs).	40	Rmt		
2	Supply, fixing, connecting, testing and commissioning of 3 phase, 415 V,63A main switch on suitable MS frame duly grouted to the wall as directed by Engineer-in-charge including all labour and materials. MAKE: ANY REPUTED MAKE.	01	Nos		
3	Supply, fixing, connecting, testing and commissioning of 3 phase, 415 V,32A main switch on suitable MS frame duly grouted to the wall as directed by Engineer-in-charge including all labour and materials. MAKE: ANY REPUTED MAKE.	01	Nos		
4	Supply, Fixing, testing and commissioning of 415 volts 3 phase, neutral 415V, 4 Way, double door indoor 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, 4Pole, Isolator– 1 No. b) Outgoing: Single pole 6 to 32A MCBs – 12 Nos.	01	Nos		

5	Wiring for light point/ fan point/ exhaust fan point with 2 runs of 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, and suitable GI box, Including connections, complete with all labour tools & tackles as directed by engineer-in-Charge. MAKE: FINOLEX / FINECAB / HAVELLS / POLYCAB.	50	Points		
6	Supply and running of 3 runs, 2.5 sq.mm concealed type circuit wiring for switch boards with PVC insulated, multi stranded copper conductor cable with suitable colour coding 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 Note: 1 Rmt is equal to 1 meter run of 3 wires and 1 meter conduit. CABLE MAKE: L&T / RADIANT / POLYCAB / FINOLEX / HAVELLS / FORTUNE ART / V-GUARD. 2) PVC PIPE MAKE: SUDHAKAR / PLAZA / MERCURY / RADIANT / AVON PLAST / MODI / VIP / GM.	50	Rmt		
7	Supply and running of 3 runs, 2.5 sq.mm concealed type circuit wiring for LED street light / switch boards with PVC insulated, multi stranded copper conductor cable with suitable colour coding 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 Note: 1 Rmt is equal to 1 meter run of 3 wires and 1 meter conduit. CABLE MAKE: L&T / RADIANT / POLYCAB / FINOLEX / HAVELLS / FORTUNE ART / V-GUARD. 2) PVC PIPE MAKE: SUDHAKAR / PLAZA / MERCURY / RADIANT / AVON PLAST / MODI / VIP / GM.	60	Rmt		
8	Supply and running of 3 runs, 4 sq.mm concealed type circuit wiring for switch boards power sockets and A.C unit with	40	Rmt		

	<p>PVC insulated, multi stranded copper conductor cable with suitable colour coding 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</p> <p>Note: 1 Rmt is equal to 1 meter run of 3 wires and 1 meter conduit.</p> <p>CABLE MAKE: L&T / RADIANT / POLYCAB / FINOLEX / HAVELLS / FORTUNE ART / V-GUARD.</p> <p>2) PVC PIPE MAKE: SUDHAKAR / PLAZA / MERCURY / RADIANT / AVON PLAST / MODI / VIP / GM.</p>				
9	<p>Supplying and running of 1 run 1.5 sq.mm FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel / PVC conduit for ceiling fans / exhaust fans / ceiling roses etc., including connections complete with all accessories as directed by Engineer- in- charge, including all labour, material, tools& tackles.</p> <p>MAKE: L&T / RADIANT / POLYCAB / FINOLEX / HAVELLS / FORTUNE ART / V-GUARD.</p>	90	mtrs		
10	<p>Supply and fixing of following premium quality size/ modules, GI box along with modular base & cover plate for modular switches in recess etc. for fixing of switches/ sockets/regulators etc. as directed by engineer –in-charge including all material labour tools and tackles</p> <p>MAKE: ANCHOR / CONA / HAVELLS / MK.</p>				
	Covering plate 8 module	2	Nos		
	Covering plate 6 module	6	Nos		
	Covering plate 4 module	2	Nos		
	Covering plate 3 module	3	Nos		
	Covering plate 1 or 2 module	5	Nos		
11	<p>Supply fixing and connecting of following premium quality modular type switches conforming to IS 3854:97, on the existing top plates as directed by engineer –in-charge including all material labour tools and tackles.</p> <p>MAKE: ANCHOR / CONA / HAVELLS / GM / MILLON / GOLDMEDAL</p>				
	Switch 5/6 amps, one way	18	Nos		
	Switch 15/16 amps	5	Nos		

12	Supply fixing and connecting of following premium quality modular type of desired colour supply sockets conforming to IS 1293:88, on the existing top plates as directed by engineer –in-charge including all material labour tools and tackles. MAKE: ANCHOR / CONA / HAVELLS / GM / MILLON / GOLDMEDAL.				
	Socket 5/6 amps	18	Nos		
	Socket 15/16 amps	5	Nos		
13	Supply, fixing of Dummy plates matching to the existing switches to close the gaps on the existing modular plates as directed by engineer –in-charge including all labour tools&tackles. MAKE: ANCHOR / CONA / HAVELLS / GM / MILLON / GOLDMEDAL	10	Nos		
14	Supplying and fixing ding dong bell suitable for single phase, 230V, complete as directed by Engineer- in-charge complete with all labour, tools, & tackles.	2	Nos		
15	Supply, Fixing, Testing & Commissioning of 15-18W Recess mounting type Round type 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, & tackles as directed by Engineer in charge. MAKE: PHILIPS / HAVELLS / BAJAJ / CROMPTON / GE / WIPRO / JAQUAR / HALONIX.	15	Nos		
16	fixing, connection and commissioning of 4 FT (1 x 18/20 watt) LED tube light fittings suitable to operate on 85-285V AC, 50HZ supply, duly fixing the same on the wall / ceiling complete with all accessories as directed by Engineer in charge including all labour, tools & tackles. NOTE: TUBE LIGHTS WILL BE SUPPLIED BY VPT AT FREE OF COST.	30	Nos		
17	Supply, fixing testing and commissioning of 60-70 watt LED street luminaire along with driver unit to work on 160-280VAC including 1.0 Mtrs long (Approx) medium grade suitable dia GI bend pipe and 3 core 4 Sq.mm flexible copper cable of required length to connect to the supply source as directed by Engineer-in-charge including all labour, tools, tackles and including 3 years	03	Nos		

	warranty. MAKE: CG / GE / WIPRO / PHILIPS / JAGUAR / HALONIX / BAJAJ / SYSKA / HAVELLS / SURYA / CAPART.				
18	Supply, Fixing and commissioning of 9 inch (225 mm) sweep light duty exhaust fans with lowers of approved brand suitable for operation on 230V AC single phase supply on the wall duly fixing the same with necessary anchor fasteners grouting to the wall, including suitable dia anchor fasteners, as directed by engineer in charge complete with all labour, tools and tackles. MAKE: ANY REPUTED MAKE.	04	Nos		
19	Fixing, testing & commissioning of 230V, 1200mm ceiling fans, complete as directed by Engineer in charge with all material, labour tools & tackles NOTE: CEILING FANS WILL BE SUPPLIED BY VPT AT FREE OF COST.	11	Nos		
20	Supply, fixing and connecting of modular type Electronic switch size fan regulators of approved brand on existing switch board as directed by Engineer in charge with all labour, tools, tackles & material. MAKE: ANCHOR / CONA / GM / MILLON / GOLDMEDAL.	11	Nos		
21	Providing, earth station using 2.75 to 3 meters long, 40 mm medium grade G.I. pipe. In 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.	02	Nos		
22	Supplying, fixing, connecting and commissioning of 8 or 6 SWG GI earth wire in recess / surface / clamped to wall from earth to switch gear / equipment including connecting the same at both ends as directed by engineer- in-charge including all labour and material.	40	Mtrs		
23	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, including cutting, bolting, riveting, drilling, welding etc. including providing one	20	Kgs		

	coat of zinc rich epoxy paint primer complete as directed by Engineer- in-charge.				
24	Supply, fixing connecting and commissioning premium quality modular type Starter of 25 amps rating AC starter unit with metal box in the wall duly concealed as directed by engineer –in-charge including all material labour tools and tackles. MAKE: ANY REPUTED MAKE.	03	Nos		
	Total				

Put to tender **Rs.1, 37,350/-**

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.2,750/- in the form of Bankers Cheque/pay order/Demand Draft of any of the Nationalized Bank/ 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) of the Pre-qualification criteria.
 - 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)

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 subject work should be executed in Co-ordination with civil construction works and to be completed within 45 days from the date of Site clearance excluding departmental hindrance.
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/ Govt. Ports /PPP Projects.
13. The firm has to submit valid electrical licence issued by any Competent Authority to work in A.P

CONTRACTOR

Superintending Engineer (Ele)-I