VISAKHAPATNAM PORT TRUST

MECHANICAL & ELECTRICAL ENGINEERING DEPARTMENT

TENDER No: /2016-17/IM&EE/MOF/ELEC/F.1198 Dt:16.07.2016

Sub: Renovation of old MMD building for accommodating immigration office -Renewal of electrical wiring, switch gear etc. - Reg

Sealed Quotations duly super-scribing the name of the subject work on the envelope is invited up to 14.30 Hrs. on 27.07.2016 to undertake the above work.

The schedule of work is enclosed herewith, which may please be returned duly signed in token of acceptance.

WORKSCHUDLE

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	 40 10	 M^3 M^3		
2	Supply and fabrication of steel by using suitable flats, angles, channels of required sizes to provide required cross arms, back clamps, formation of 4 Pole structures, for fixing of HT/LT pin/disc/shackle insulators, lightning arrestors, H.G Fuse sets, A.B. Switches including cutting, bolting, riveting, drilling, welding etc. including providing one coat of zinc rich epoxy paint primer complete as directed by Engineer in charge.	50	Kgs		
3	Transportation Shifting Fixing connecting commissioning of single phase/ three phase Energy meter on a suitable Switch board as directed by Engineer-in-charge including all labour and mater (Energy meter will be supplied by VPT at free of cost)	01	No		

4	Supply & laying of 4 core 16 sq mm, 1.1 KV, XLPE insulated & PVC sheathed, armoured, multi stranded aluminium conductor Cable conforming to IS 7098 in the existing trench/wall complete as directed by Engineer-in-charge including all material labour, tools and tackles. Make: Gloster/Finolex/Polycab/RPG/Fincab	30	Mtrs		
5	Supply & clamping/laying of 4 core 16 sq mm, 1.1 KV, XLPE insulated & PVC sheathed, armoured, multi stranded aluminium conductor Cable conforming to IS 7098 to the wall /through existing pipe complete as directed by Engineer-in-charge including all material labour, tools and tackles Make: Gloster/Finolex/Polycab/RPG/Fincab	10	Mtrs		
6	Transportation and Clamping of 4 core 10 sq mm, 1.1 KV, XLPE insulated & PVC sheathed, unarmoured, multi stranded copper conductor Cable to the wall /through existing pipe complete as directed by Engineer-in-charge including all material labour, tools and tackles (Cable will be supplied by VPT at free of cost)	35	Mtrs		
7	Fixing of FRP junction box with provision for one incomer and one out going cable of size 4 core 50 sq mm and 2nos out-going cables of size 4 core 10 sq .mm copper cables complete as directed by engineer in charge including all labour, material, tools and tackles. (FRP Junction box supplied will be VPT at free of cost)	01	Nos		
8	Supply, fixing, connecting, testing and commissioning of 3 phase, 415 V, 63A, Rewireable switch fuse switch unit (RSFU) in sheet steel enclosure with natural link similar to INDOASIAN make of approved brand with porcelain fuse links on suitable MS frame duly grouted to the wall as directed by Engineer-in-charge including all labour and materials. (Brands: L&T/ Anchor/HPL/PELO/BCH/ GE/CG/ standard/Indoasian)	01	Nos		
9	Transportation, fixing, testing and commissioning of 3 phase, neutral 400V, MCB distribution board of approved brand on angular frame duly grouted to the wall or concealed type, including connecting the incomer supply and load connections as directed by Engineer in charge including all labour material tools and tackles Incoming: 3 phase, 4poles, 400/440V, 63A, Isolator– 1 No. Outgoing: Single pole 6 to 32A MCBs – 12 Nos (MCB D.B,MCBs & Isolators will be supplied by VPT at free of cost)	02	Nos		
10	Supply, fixing and commissioning of concealed type wiring point with 2 runs of 1.5 Sq mm, PVC insulated, multi stranded copper conductor cable of approved	50	Points		

	brand with appropriate colour coding in a in suitable dia PVC conduit recessed/on the wall/through false ceiling complete with junction boxes, bends, elbows etc., duly providing suitable 230v, 5/6A Flush type control switch for light & fans etc. complete with all accessories for each point complete as directed by engineer in charge including all labour ,material, tools& tackles. **1)Cable Brands: RADIANT/ L&T POLYCAB/PLAZA /NICCO** **2)PVC pipe Brands: sudhakar /plaza/ mercury/Radiant/Avon Plast** **3) For switches, sockets, ceiling roses Brands: Anchor/ Cona/Vimal/GM/Pointer**				
11	**Supply, fixing and commissioning of concealed type stair case wiring point with 3 runs of 1.5 Sq mm, PVC insulated, multi stranded copper conductor cable of approved brand with appropriate colour coding in a in suitable dia PVC conduit recessed/on the wall/through false ceiling complete with junction boxes, bends, elbows etc., duly providing suitable 230v, 5/6A Flush type control two way switch for light & angle holder etc. complete with all accessories for each point complete as directed by engineer in charge including all labour ,material, tools& tackles.** **1)Cable Brands: RADIANT/ L&T POLYCAB/PLAZA /FINOLEX/RPG** **2)PVC pipe Brands: sudhakar /plaza/ mercury/Radiant/Avon Plast** **3) For two way switches, holders etc.,** **Brands: Anchor/ Cona/Pointer**	**01**	**No**		
12	**Supply and running of concealed type circuit wiring for switch boards power sockets and A.C unit with PVC insulated, multi stranded copper conductor cable of approved brand in suitable PVC conduit / casing and capping, recessed /surface on the wall/through false ceiling 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 Sqmm** **b) 3runs, 6 Sqmm** **1)Cable Brands: L&T/ RADIANT/ POLYCAB/ RPG/ FINOLEX/ PLAZA** **2)PVC pipe Brands: sudhakar/plaza /mercury/Radiant/Avon Plast**	**160** **60**	**Rmt** **Rmt**		
13	**Fixing, connection and commissioning of 4' (1 x 18 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**	**32**	**Nos**		

	complete with all accessories as directed by Engineer in charge including all labour, tools, tackles and material. (LED tube light fittings will be supplied VPT at free of cost)				
14	Supply, fixing and commissioning of flush type 2 in One 5/6 A, 3 pin plug socket of approved brand with separate 5/6 A control switch on existing switch board including all labour and material as directed by engineer in charge. Brands: Pointer /Anchor /Cona/ Vimal/GM	50	Nos		
15	Supply, fixing and commissioning of flush type 15/16 A, switch combined socket of approved brand on existing switch board including all labour and material as directed by engineer in charge.Brands: Pointer /Anchor /Cona/ Vimal/GM	12	Nos		
16	Supply, Fixing, & Commissioning of 300mm Exhaust fan to the wall suitable for 230 V, 50 HZ, single phase AC supply on approved brand complete with all labour, material tools, & tackles as directed by Engineer in charge. Brands: BAJAJ / C.G/ USHA / POLAR/ KHIATAN / Almonard	03	Nos		
17	Supply, fixing, testing & commissioning of 230V, 1400mm ceiling fan of approved brand complete with all material, labour tools & tackles as directed by Engineer in charge. Brands: BAJAJ / C.G/ USHA / POLAR/ KHIATAN / Almonard	15	Nos		
18	Supply fixing and connecting of Electronic step type fan regulators 122 to 280 Volts as directed by Engineer in charge with all labour, tools, tackles & material. Brands: Pointer /Anchor /Cona/ Vimal/GM	15	Nos		
19	Supply, fixing, connecting of 15-25 Amps ,modular type, A.C starter (ON & OFF switch control) of approved brand on suitable surface/concealed box including all labour and material as directed by Engineer in charge. Brands: Kolors/Schneider / Anchor /KREST/Roma euro	03	Nos		
20	Providing, earth station using 3.0 meters long, 40 mm medium grade G.I. pipe in a masonry enclosure of duly filling with alternate layers of salt and charcoal complete with GI funnel and covering with RCC cover and conforming to IS as directed by Engineer in charge including all labour and material.	02	Nos		
21	Supply, fixing, connecting and commissioning of double run G.I wire 8SWG in recessed/ surface/ clamped to wall/ through PCC etc., from earth to switch gear/equipment including connecting the same at both	40	Mtrs		

	ends as directed by engineer in charge including all labour and material.				

Note: The Estimate cost is Rs.1,66,850/-

Criteria:

1.The firm has to pay E.M.D Rs.3,337/- in the form of Bankers' Cheque / Pay Order / Demand Draft of Nationalized Banks drawn in favour of F.A & C.A.O., VPT.

2.The firm has to pay cost of Tender Documents Rs.200/- in the form of B C / P O / D.D of any Nationalized Banks drawn in favour of F.A & C.A.O.

(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 inclusive of all taxes & duties but excluding Service Tax.**
3. **Validity of offer should be 2 months from the last date of receipt of the offers.**
4. **Statutory deductions will be made from the bills.**
5. **Conditional offers will be rejected.**
6. **In case of any clarification, Please contact at phone No. 2873207/2873193.**
7. **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.**
8. **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.**
9. **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.**
10. **Firms who have not worked earlier in VPT they have to submit copy of the work experience in respect of similar completed works in other Government Organizations/PSUs/Ports etc towards proof of experience of similar works.**

Sealed Quotations are to be addressed to:

Executive Engineer (Elec)
Mech & Electrical Engg.Dept.

Visakhapatnam Port Trust,
VISAKHAPATNAM-530035

CONTRACTOR **Executive Engineer (Elec)**