

**Tamilnadu Trade Promotion Organisation,**  
**Chennai-89**

TNTPO/ENGG-198/2018

Date: 05.02.2018

**NOTICE INVITING QUOTATION**

The Tamilnadu Trade Promotion Organisation, Chennai-89 invites sealed item rate quotation from the eligible contractors upto 3.00 pm on 23.02.2018 for the work of **“Providing of LT Change Over Panel to receive Power from Transformer 1 and Transformer 3 to share the Electrical Load and further distribution to Hall 1 Pillar with allied works at the Utility Building at Chennai Trade Centre”** and the same will be opened at 3.30 pm on the same day in the presence of Intending Contractors.

Sl.No.	Description of Work	Unit	Qty	Supply Rate	Erection Rate	Supply Amount	Erection Amount	Total Amount
	<b>LT Change over Panel</b>							
1.	Design, Fabrication, Assembly, Wiring, Supply, Installation, Testing and Commissioning of front assess, free standing, dust and vermin proof indoor LT change over Panel conform to IE Rules suitable for use at 415 volts, 3 phase 4 wire 50 Hz suitable for fault level of required symmetrical value at 415 volts fabricated from 2 mm thick CRCA MS sheet with hinged, gasket and lockable door having structural reinforcement of suitable angle/channel/flat section, 3 mm thick, glad plate, lifting hooks, G.I. earth terminals and including powder coated paint finish of siemens grey structure shade over metal surface cleaned and treated with 7 tank process with internal connections as required at site. SMC/DMC shrouded bus bar support shall be provided in all outgoing feeders with switch handle. Pad locking facilities shall be provided on all outgoing feeders. Doors and switch handles shall be lockable in off position							
	<b>Incoming :</b>							
	1 No. – 400 A 4 P Manual Change over switch. 1 set – R, Y, B indication lamps 1 set – On / Off indication lamps							

	1 Set – From Transformer 1 1 Set – From Transformer 3 1 set – Current transformers Both incomers shall have a interlocking facilities							
	<b>Bus Bar Details</b>							
	Electrolytic high conductivity Aluminium 3 phase & Neutral bus bar rates at 400 Amps and having maximum current density of 0.8 Amps per sqmm suitable with fault level of 25 kA							
	Phase : 1R – 100 x 6 mm Al Flat Neutral : 1R – 100 x 6 mm Al Flat Earth : 1R – 25 x 3 mm Al Flat							
	<b>Interlocking:</b>							
	The incomers shall be interlocked with each other such that only one source power can be switched on.	Set	One					
2.	<b>Termination :</b>							
	Supply and making of cable end termination for cables with single compression type brass cable gland, lugs, colour coated insulation tape, etc. for							
	a) 3.5 core 400 mm <sup>2</sup> aluminium cable	Set	6					
3.	<b>Earthing</b>							
4.	Supply and providing No. 8 SWG copper wire for body earthing	Mt	10					
5.	Supply and providing suitable GI 3mm Thick Cable Tray for laying of cable.	Mt	7					
	<b>Miscellaneous Items</b>							
6.	Miscellaneous items such as alteration in the existing Panel for Tr 1, Tr 3 and Pillar panels in utility building so as to make necessary cable terminations to complete the job.	L.S.						
	<b>Total</b>							
	<b>GST 18%</b>							
	<b>Grand Total</b>							

**Conditions:**

1. The contractor has to arrange all the materials T&P, required for the works.
2. The time allowed for the completion of the works is 3 weeks, which will be reckoned from the third day after award of work.

For Tamilnadu Trade Promotion Organisation,

AEE/EO,  
TNTPO, Chennai

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1. Notice Board
2. Manager - Accounts