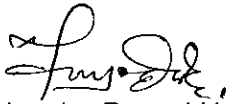
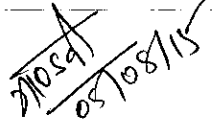

 <b>BHEL-EMRP</b> <b>MUMBAI</b>	<b>TECHNICAL SPECIFICATION PART-II</b> <b>FOR</b> <b>MECHANICAL WORKSHOP ITEMS</b>	<b>SPECIFICATION NO.</b> <b>EM-NEEPCO-TUR-MWS-PTS-02</b>	
		Rev. No	00
	(2 X 30 MW) TURIAL HEP	Rev Date	05/08/2015

### PARTICULAR TECHNICAL SPECIFICATIONS

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<b>PREPARED BY</b>	<b>CHECKED &amp; APPROVED BY</b>

 <b>BHEL-EMRP</b> <b>MUMBAI</b>	<b>TECHNICAL SPECIFICATION PART-II</b> <b>FOR</b> <b>MECHANICAL WORKSHOP ITEMS</b>  <b>(2 X 30 MW) TURIAL HEP</b>	<b>SPECIFICATION NO.</b> <b>EM-NEEPCO-TUR-MWS-PTS-02</b>	
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### Annexure III


#### Details of Equipments

Bidder must quote the material code number, material description & quantity offered in their quotation /bid, as specified below. Bidder's alternate description can also be given in separate column.

#### **Completeness of Equipment**

Each of the equipment listed shall be complete with applicable accessories like power supply main leads, screened guard leads, screened line test leads, earth leads, connectors and clips, leather carrying case, fastners/washers/nuts/anchoring bolts/etc required for erection and commisioning and any other accessories required for completing the equipment.

Sl. No	Item specification	Details of Equipment offered by the Bidder	
		Make & Model No	Catalog ue No
1	<b>Electric - welding machines (1 No.)</b>  The electric welding machine of converter type with electric motor generator, stepless adjustment of current with hand wheel, suitable for SMAW and TIG Welding, transportable on two wheels, with all necessary controls, indicating instruments, cables and accessories to guarantee maximum efficiency.  <b>Current Range : 35 – 500 A,</b>  <b>Necessary accessories (for SMAW and TIG Welding)</b> - 2 x 10m welding cables with electrode holders, - 2 x 10 m earthing cables with clamps - Argon cylinder mounted on a carriage with 10m length of hose, - electric holders equipped with stepless current controllers (1Set) - gas flow meter (1No) - protection shield (1No) - brush (1No) - welding hammer (1No) - welding gloves (2 Pairs) - types of Welding Electrodes (1Set of each type)	MEMCO, ADOR, ESAB, KIRLOSKAR, CRUX WELD	
2	<b>Gas welding equipment (1 No.)</b>  The gas welding equipment shall be supplied with following accessories - acetylene and oxygen bottle/cylinder (1 No) - bottle/cylinder carriage (1 No) - pressure-reducing and safety valves (1 Set) - hoses mixing valve (1 No) - suitable nozzles (1 Set)	KIRLOSKAR/ ESAB/ STERCO/ FELIS LEO/ ADOR / CRUX WELD/ UNITECH TRANSFORMER	

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- welding goggles/glasses (2 pair)
- tool cabinet (1 No)
- Suitable number of welding wires of various diameters (1Set of each type)

**(1 No) tool cabinet shall contain the following:**

Torch holder (1Set), (1 set) one set of 10 torches for sheets of 0.5 to 200mm, combines cutting heads and guide for oxygen cutting of plate 50 to 200mm in thickness, safety goggles/glasses (2 pair), etc

**Spare parts as following (1 Set)**

Cylinders (1 No), pressure reducing valves (1 Set) , pipes (1 Set), double clips (1 No) , snap-on high-speed connectors (1 Set), clamps (1 Set), spanners (1 Set). etc