

# WORKS ENGG. & SERVICES DEPTT.

Reconditioning of 600Amp, welding Machine.

Reference sepec.No.: WEX/Reconditioning/Welding Machine/2512/14-15

Dt.01.11.14

1.0 Details of existing welding machine are as below:

Item	-	Welding Machine
Capacity	-	600 Amps
Make	-	Esab
Quantity	-	04 Nos

(SL.No: ME/3/3/2512, ME/1/1/2409  
ME/1/3/2002, ME/3/3/2600)

18  
09/12/14

2.0 Following problems are observed in existing welding sets:

- Set of Primary coil centre, Primary coil for auxiliary winding, Secondary coils burnt.
- Set of Load coil, Choke assembly solid bar, & Control Coil burnt.
- Set of input terminal board assembly with main rectifier assembly burnt.
- Set of rectifier Diode burnt.
- Fan assembly Damaged.
- Switches burnt.
- Complete body assembly Damaged.

### 3.0 Scope of supply.

Following items are required for the repairing of each welding set.

- Set of Primary coil centre, Primary coil for auxiliary winding, Secondary coils. (1 Set = 6 coils)
- Set of Load coil, Choke assembly solid bar, & Control switch (1 Set = 3 coils)
- Set of input terminal board assembly with main rectifier assembly. 1Set
- Set of rectifier Diode (1 set=6 Nos)
- Fan Assembly 1set
- Switches 1 no
- Complete body Assembly 1set

### 4.0 Scope of work

Following work to be done for the reconditioning of welding sets.


- Removing of all burnt out items.
- Fixing of new items.
- Testing of equipment.
- Installation and commissioning of welding set.

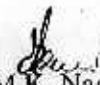
### 5.0 General


- Repairing work will be done at BHEL works.
- Installation and commissioning shall be done by vendor.
- Reconditioned welding sets shall be guaranteed for 12 months after commissioning.
- Item wise rates shall be quoted by vendor.

  
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