

Tender No. 65.11.8044**Specification for supply & commissioning of GTO Stack assembly jig suitable for GTO stack assembly of valve set.**

Sr No.	Parameters	Parameters value/ Range etc.	Tolerance allowed	Firms offered remark
	Major Parameters			
1	Input Voltage	230V	± 5%	
2	Phase	03 phase	Nil	
3	Frequency	50 Hz	± 3%	
4	Pressure generated	5000 Kgf	+10%	
5	Maximum displacement	10 mm	Nil	
6	Rating of Panel	24 VDC, 5A	Nil	
7	Load cell Rating	1.5 V	+0.01 m V	
8	Load cell output resistance	390 Ohms	+10 Ohms	
9	Load cell Input Resistance	350 Ohms	+2 Ohms	
	Minor Parameters			
1	Efficiency	85%	80-90%	
2	Weight	350 kgs	± 5%	
	Standard accessories			
1	Base frame			
2	Hydraulic Drive Unit			
3	Oil Reservoir			
4	Control valve cluster			
5	Digital Indicators for Force & Displacement			
6	Clamping arrangement			
7	Electrical control panel			
8				

Special Conditions-

(1) Stacking assembly will be Micro controller based system designed in such a manner that all components are easily available for maintenance.

(2) Material used in Jig should be high quality mild steel machined. Wherever

required some components may also be with EN Grade Steel with Milling

Grinding Machine powder.

(3) Warranty & other conditions: – As per IRS conditions of contract.

(a) Technical literature: The supplier has to supply 02 copies of technical literature/ operating manual.

(b) Training: The supplier shall provide training for operating/maintenance and trouble shooting of problems generally arise in handling of equipment.

(c) A.M.C. Requirement: The supplier shall confirmed after sale service & to enter into AMC on expiry of warranty period for five years on payment basis.