

SCOPE OF WORK

1. Project Overview:

(a) The job entails the supply, installation, and commissioning of machines viz lathe machine, soldering and de-soldering machine, gasket cutting machine, and pressure testing pumps. These machines are essential for various manufacturing/ repair processes and must be installed and commissioned efficiently to ensure optimal operations.

(b) The details are as follows:

<u>SER</u>	<u>EQUIPMENT</u>	<u>QUANTITY</u>
(i).	Lathe Machine	01
(ii)	Gasket Cutting Machine	01
(iii)	Manual Pressure Testing Pump	02
(iv)	Soldering and De-Soldering Station	01

2. Supply of Machines:

(a) Procurement of a lathe machine, soldering and de-soldering machine, gasket cutting machine, and pressure testing pump as per the technical specifications placed at Enclosure.

(b) Ensure that the quality, performance, and reliability of each equipment meet industry standards.

3. Installation:

(a) Carry out the installation of the lathe machine, soldering and de-soldering machine, gasket cutting machine, and pressure testing pump as per the manufacturer's guidelines.

(b) Ensure proper alignment, leveling, and anchoring of each machine to the shop floor.

(c) Conduct test runs on each machine to verify proper functionality and make necessary adjustments.

4. Commissioning:

(a) Perform performance tests on each machine to ensure all components are functioning correctly.

(b) Provide training on operation and maintenance of lathe machine, soldering and de-soldering machine, gasket cutting machine, and pressure testing pump.

5. Documentation:

(a) Prepare and submit all necessary documentation related to the supply, installation, and commissioning of each machine.

(b) Provide operation and maintenance manuals for each machine, along with warranty/guaranties certificate.

6. **Project Management:**

- (a) Appoint a dedicated project manager oversee the entire activity.
- (b) Regularly update FTSU (Chennai) on the project progress.
- (c) Ensure adherence to project timelines.

7. **Health and Safety:**

- (a) Adhere to all safety regulations and standards during the installation and commissioning of every equipment.
- (b) Provide necessary safety equipment and training to the installation team to prevent accidents or injuries.

8. **Post- Commissioning Support:**

- (a) Offer post- commissioning support and maintenance services for all machines to ensure optimal performance.
- (b) Address any operational issues or maintenance requirements promptly to minimize downtime.