



# Annexure-D

## 1. Justification and Scope of work:

Thermal Plasma Technology Section of Laser & Plasma Technology Division is involved in design, development and application of various kinds of plasma devices. The present fabrication work involves fabrication of a shed for installation of outdoor plasma equipments. There is no free issue of material. Scope of the work includes procuring material of appropriate dimension, quantity and quality, fabrication of the components as per the design and specification, assembling of the components to form the final device and delivery of the item to the users place. Welding of the joints as necessary must be performed by certified welders only. Work shall be carried out to Indian Standards and Code of Practices. In absence, latest issue of International Standards shall be followed. Any discrepancies / conflict noticed shall be directed to the Executing Officer for his direction/approval. Details of the job are specified in the following:

<b>Sr No.</b>	<b>Job Description</b>	<b>Qty</b>
1.	Rising of the front of the room floor level by 300mm by reinforcement Cement concrete M-20 using grade stone aggregates and 10mm dia TMT steel bars double net. The complete work must include consolidation, finishing, curing, etc.	17 m <sup>3</sup>
2.	Cable trench cover by MS (6mm chaquer plate) 20sq.mtr 65X65mm Angle 40mtr 50X50mm Angle 100mtr (Asian or Equivalent approved brand and manufacturer)	2 ton
3.	MS Shead a) square pipe 5mtr height pipe size:3"x 3"x3mm thick 13nos b) square pipe 9mtr Leanth pipe size:2"x 2"x3mm thick 15nos c) square pipe 4mtr depth pipe size:2"x 2"x3mm thick 10 nos	1500kg
4.	G.I Color coated corrugated sheet Jindal make 14ft Leanth 20nos 6ft Leanth 10nos	110sq.mtr