

	<p align="center">PRODUCT STANDARD</p> <p align="center">Construction of Press shop extension towards south side including Machine Foundation.</p>	<p align="right">Page 1 of 1</p>
<p align="center">BHEL, BHOPAL</p>	<p align="center">Brief Description of Project & Scope Of Work.</p>	<p align="right">REV. 00</p>
<p>A. Brief Description of Project</p> <p>Press shop Extension:</p> <p>(i). Extension towards south side of Block of sizes as given below:</p> <p>1)18.92m x 160.02 m having height 18.3m EOT crane 30 T capacity at 14.80m Height.</p> <p>2)18.59m x 83.82 m having height 11.72m EOT crane 10 T capacity at 9.144m Height.</p> <p>B. Scope of work</p> <p>The scope of work shall be generally as shown in the drawing and is described as follows:</p> <ol style="list-style-type: none"> Foundations: Foundations are in reinforced cement concrete with Individual footings. Main columns: The main & seating columns shall be fabricated out of rolled sections/ plates. Gantry girders: The gantry girders (fabricated with MS plates for main girder with walk way is to be mounted for 10 tones, 30 TONES or more capacity crane at levels mentioned in the drawing. This should match with the existing structure. Roofing/Cladding: The roofing consisting of trusses or built up girders as required shall be spaced adequately. The roofing/cladding material shall be Galvalume or Puf insulated Sandwich sheeting as per schedule of quantities as required supported over M.S. Purlins. Suitable arrangement for lifting the crane girders and crane crabs shall be provided at a suitable location. Levels will be matched with existing structure puf insulated sandwich pass. Wall: Brick work will be done upto 3.0 metre level from floor. Above brick wall sheets will be used as per drawing. <p>Fabrication and erection:</p> <p>(a) The electrodes to be used in the work shall be of supercito / super thermo and of approved size complying with standard as per specification. .</p> <p>(b) The welders employed on the work shall be qualified for such job. Welder test as per standards are required to be done before start of work.</p> <p>If anything is observed missing in the civil & steel structures, the same should be immediately brought to notice of BHEL who on their part will get Consultant's approval prior to implementation of the change.</p> <p>The civil and structural contractor should have knowledge for preparation of fabrication drawing of the steel structure and if it requires then the contractor has to make fabrication without any extra cost.</p>		