

The following are the technical modifications to the specification of the tender no. HRP/NFC/PT/TPT/CAP/10361.

The following modification to the tender specification are made and to be read point wise as given below and supersedes the specification as and wherever applicable.

1) Point no. 8.1.5.1, pg. no. 22 of 159:

The platens and moving cross head bodies of the press shall be made of cast steel of suitable grade, ultrasonically tested & surface inspected. The test shall be carried out as per international standard and report shall be submitted for review after placement of order. Suppliers shall submit MOC of platens, rams, container, container holder, tie-rods / column & major components for NFC approval along with Technical offer.

Shall be read as:

The platens and moving cross head bodies of the press shall be made of As-cast / As-forged material of suitable grade, ultrasonically tested & surface inspected. The test shall be carried out as per international standard and report shall be submitted for review after placement of order. Suppliers shall submit MOC of platens, rams, container, container holder, tie-rods / column & major components for NFC approval along with Technical offer.

2) Point no. 8.1.5.4, pg. no. 23 of 159:

All rams, cylinders, complete container assembly (excluding container housing (holder)) and stems shall be forged.

Shall be read as:

All rams, cylinders, complete container assembly (excluding container housing (holder)) and stems shall be forged. All ram cylinders shall be single piece design i.e. ram cylinders welded from pieces is not acceptable.

3) Point no. 8.1.12.4, Pg. no. 25 of 159:

Press shall be supplied with exhaust system including duct, filter, fan etc. to collect graphite smoke. Entire exhaust system with filtration shall be discussed during design stage. However a brief detail of the system shall be provided in the technical offer.

Shall be read as:

Press shall be supplied with exhaust system including duct, filter, fan etc. to collect graphite smoke. Entire exhaust system with, suction load, filtration etc. shall be discussed during design stage. However a brief detail of the system shall be provided in the technical offer.

4) Point no. 10.2, pg. no. 28 of 159:

The total mandatory spares shall be finalized during the detailed engineering stage. All the mandatory spares shall be supplied without any time and cost implications.

Shall be read as:

All the mandatory spares to be supplied will be checked as per mandatory spare list provided above during detailed engineering stage and successful bidder will be bound to supply additional spares if any shortcomings are observed due to mis-match found between the list submitted with the technical offer and the actual no. of mandatory spares during the detailed engineering stage. The additional spares to be supplied without any cost and time implications.

5) Point no. 15.0, INDIAN SUPPLIES, pg. no. 29 of 159:

Supply of following items from Indian vendor is also acceptable.

Shall be read as:

Principal vendor supplying the following items from Indian sub-vendor is also acceptable. The mandatory spares for the items supplied from India as per the list shall be quoted accordingly.

6) ADDITION to Point no. 15.0, pg. no. 30 of 159:

- l) Complete Exhaust System.
- m) Glassing carriage (Hot billet receiving carriage) with transfer system.
- n) Billet trays.
- o) Run-out Table including Puller (Grabber).
- p) Material for erection including cables.
- q) Scope and Services related to instrumentation as per document no. A367-020-16-51-SOW-4130 Rev.C (pg. no. 37 to 39 of 159) & document no. A367-020-16-51-SP-4130 Rev. D (pg. no. 40 to 49 of 159).

7) Addition to Annexure-1, List of acceptable makes , page no. 31 of 159:

Sl. No.	Item Description	Name of Sub-Vendor
4.0	Motors	KIRLOSKAR/ABB/CG/SIEMENS/BHARAT BIJLEE/IEC/L&T
5.0	Variable speed drives	Siemens/ABB / Schneider/GE/Baldor Electric
6.0	Switch gear & control gear	ABB/L&T/ Siemens/GE/Crompton greaves/ Alstom

For these items vendor shall take approval from the purchaser to supply the makes different from the above mentioned.

8) Point no. vii) ADDITIONAL POINTS, pg. no. 31 of 159:

The payment for the supplies acceptable from India shall be released in rupees only when the main press is shipped.

Shall be read as:

The payment for the supplies acceptable from India shall be released along with the main press.

9) Point no. i.a).v, pg.no. 46 of 159:

All supplied softwares shall be licensed. Sufficient number of licenses shall be supplied to operate all operations from MMI, OS. No additional licenses shall be required if spares are added to the system to meet the process requirement.

Shall be read as:

All supplied softwares shall be licensed. Sufficient number of licenses shall be supplied to operate all operations from MMI, OS. No additional licenses shall be required if spares are added to the system to meet the process requirement. SCADA software shall be of configuration and runtime both enabling modification of the project file if required.

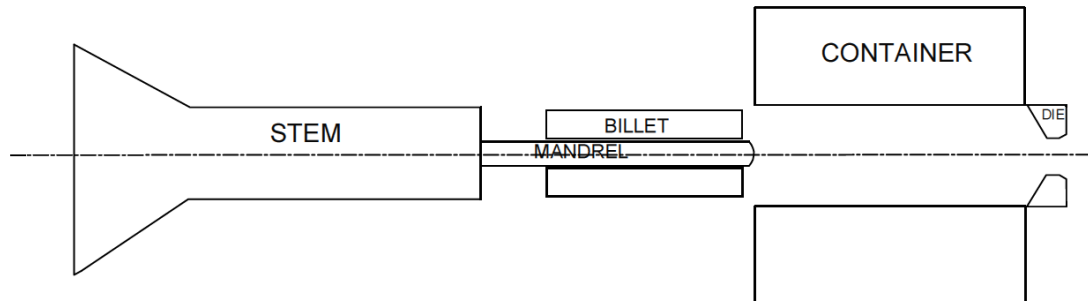
10) Pg. no. 61 of 159:

Runout Table

Shall be read as:

Others

- 11) In the specification wherever “front loading” is mentioned shall be considered as shown below.



Billet loading in between Stem & Container

12) Addition to point 17, ANNEXURE-2, PRICE / UN-PRICE BID OF EXTRUSION SHOP FACILITY, Pg. no. vi:

- l) Complete Exhaust System.
- m) Glassing carriage (Hot billet receiving carriage) with transfer system.
- n) Billet trays.
- o) Run-out Table including Puller (Grabber).
- p) Erection material including cables.
- q) Scope and Services related to instrumentation as per document no. A367-020-16-51-SOW-4130 Rev.C (pg. no. 37 to 39 of 159) & document no. A367-020-16-51-SP-4130 Rev. D (pg. no. 40 to 49 of 159).

The ANNEXURE-2 Revised PRICE / UN-PRICE BID OF EXTRUSION SHOP FACILITY is also enclosed and the Price / Un-price bid shall be furnished accordingly.