

Tender No -----

Section VI

Hydraulic Press to Specification No.CR / IR / HP-300T/200T/2025.

Table of contents

Item	Contents	Page No.
Section-VI	Format & Drawings	
Annexure-A	Format to be filled up by Bidder for submitting the Technical Bid	2
Annexure- B	Format for Joint Receipt Inspection Note	14
Annexure- C	Format for Joint Commissioning Note	16
Annexure - D	Performance Appraisal Form (Appraisal on Completion of Warranty Period)	17
Annexure - E	List of Components to be loaded on the machine & Drawings	18
Annexure - F	Format for Consignee's Certificate for Quarterly Work Done Under CAMC	19
Annexure - G	Format for Technical Suitability Assessment of New Firms	20
Annexure - H	Format of Quality Assurance Plan	28
Annexure - I	Format for Prove Out Test Certificate	30
	List of drawings as per Annexure E	33

In case, any of the conditions mentioned here under are contrary to those mentioned elsewhere in the tender document, conditions mentioned in this document shall supersede the corresponding conditions given elsewhere in the tender document.

उप मुख्य यांत्रिक अभियन्ता

मध्य रेल, माटुंगा

Dy. Chief Mechanical Engineer

Central Railway Matunga

ANNEXURE-A

FORMAT FOR SUBMISSION OF TECHNICAL BID

1. a) We, M/s.----- offer our ----- machine, model no----- as per the description given in Schedule of Requirements.
- b) We state that, except for the following, for which clause wise brief description and justification for deviation has been indicated, our machine fully complies with all the clauses as given in technical specification Section- IV & V.
- c) We also confirm all the schedules given in the Delivery Schedule at para 7 of Section-IV.

S.No.	Clause/Item	Brief description of Deviation	Justification for deviation

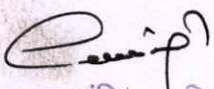
Note1:In case there is a contradiction in any information provided (some parametric values given in the specification and those given in the brochure or some other document enclosed by the tenderer), unless specifically mentioned in the deviation cum confirmation statement under Annexure A of Section VI, the values as given in the specification shall be taken as confirmed by the tenderer and offer evaluated accordingly.

Note2: The deviation mentioned elsewhere in the bid shall not be considered and the bid shall be evaluated based on the information provided against **Annexure-A of Section-VI**.

Note-3 In case of incomplete / sketchy / illegible information, the technical bid may be considered as incomplete and is liable to be rejected. Bidder must furnish clause wise compliances against the individual clauses of Section IV and V clearly indicating 'complied' incase of compliance to the clause, ' non complied' in case of non compliances to clause . Informative clauses can be indicated as 'noted'. Bidder must provide necessary information as asked for in the relevant clauses. Bidder must provide necessary information as asked in Section VI. Bid will be considered incomplete and liable to be rejected in case of non compliance to this instruction

2. We further certify that :
 - (A) We are the regular manufacturer of this type of machine.
 - (B) We have made the following past supplies of similar machines as per Conditions for eligibility of tenderers during last 5 years: -

S. No.	Name of the Purchaser with Address	Purchaser's Phone, Email Address, Name of the contact person	Purchase/ Supply Order number and date (along with a copy of the PO)	Quantity Supplied (with proof of supply) @	Date of Supply (@)	Date of Installation and/ Commissioning @	Capacity of Hydraulic Press


उप मुख्य यांत्रिक इंजीनियर
मध्य रेल, मटुंगा

Dy. Chief Mechanical Engineer
Central Railway Matunga

- (C) We are submitting following performance certificate from past users as per Conditions for eligibility of tenderers: -

S. No.	Name of the Purchaser with Address	Purchase/ Supply Order number and date (along with a copy of the PO) (It should be the one(s) which are enlisted at clause 2 B above)	Quantity Supplied	Date of Supply	Date of Installation and/ or Commissioning	Date of issue of Performance Certificate	Performance
--------	------------------------------------	---	-------------------	----------------	--	--	-------------

3. We are having following facilities available with us or our agent for providing adequate after-sales service in India during warranty period. Complete details of after sales service, availability of technically competent engineers and warehousing facilities for spares is indicated below:
- After sales service centers:
 - Availability of technically competent engineers; Warehousing facilities for spares:
4. We have quoted for the following optional accessories as indicated under clause 4.3 of section IV

S No.	Description of the optional accessory	Quantity (in Nos.)	Rate (in Rest.)	Indigenous	Shelf Life (in Months)

5. We have quoted for following recommended perishable and non-perishable spares required for normal maintenance to cover complete range of mechanical, hydraulic and electrical equipments including controls on double shift working basis: **Perishable Spares**

S No.	Description of the spares	Part number	Quantity (In Nos.)	Rate (In Rs.)	Shelf Life (in Months)

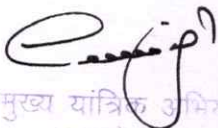
Non-perishable spares

S.No.	Description of the spares	Part number	Quantity (In Nos.)	Rate (In Rs.)

6. *We hereby confirm that we are the OEM and undertake to supply spare parts for a period of expected life of machine.

OR

*We hereby confirm that we are not the OEM, but are submitting undertaking from OEM for supply of spare parts for a period of expected life of the machine to provide maintenance spares (as and when ordered) after the expiry of the Warranty/CAMC for 5 years (life of machine - 15yrs) including the maintenance spares required for the bought out sub-assemblies and parts. (*Strike out whichever is not applicable)



उप मुख्या यांत्रिक अभियन्ता
मध्य रेल, मटुंगा
Dy. Chief Mechanical Engineer

7. We have quoted consumables required as per clause 6.1 of Section V in the format give below

S No.	Description of the consumable spares	Qty	Unit	Rate

- 8 It is certified that we are having suitable facilities at our works for carrying out various performance tests on the sub-assembly/assembly/machine and these shall be made available to the inspecting authority.

9. **BOUGHT OUT ITEMS:** We hereby furnish a list of all critical items/ sub-assemblies which are bought out by us and proposed to be used, along with the manufacturer's name, brand model etc.

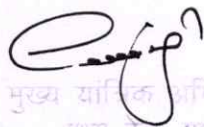
Sr No.	Description	Item no.1	Item no. 2	Item no. 3
1.	Brief description of item			
2.	Model no.			
3.	Make			
4.	Quantity/machine			
5.	Manufacturer's name and complete address			
6.	Whether imported or indigenous			
7.	Country of origin			

10. The details of Preventive Maintenance during warranty and comprehensive Annual Maintenance Contract as per clause 16.7 & clause 17 of Section-V respectively. The Preventive Maintenance during warranty and comprehensive Annual Maintenance Contract is in the scope of this tender. Details of preventive maintenance services including cleaning of machine to be provided under PMC during warranty and CAMC is given in the following format.

S.No	Type of preventive schedule	Periodicity	Items to Be checked	Items of Replacement	Expected plant own time

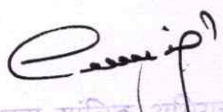
11. We further submit the following information about the offered machine as per the technical specification section VI and Important Features of the tender section IV. We understand that any omission of any of the below mentioned information will render our offer incomplete to that extent.

Note :- Bidder shall photocopy the specification (Section-IV & V) and furnish comments/ details against each clause or link to deviation statement. Any fraudulent change(s) made in specifications (while making photocopy) will lead to summarily rejection of offer. Appropriate punitive action may be initiated.



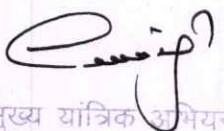
Dy. Chief Mechanical Engineer

Schedule-1A				
Applicable for 200T Down-stroke C- Frame Vertical Type Hydraulic press for Consignee ---				
2.2	Leading parameters			
2.2.1	Major parameters: (Note: No deviation in major parameter shall be accepted.)			
Clause no. of Section-IV	Item Description	As specified	Value/ Write up/ Brochure (As offered)	
1.1	Type of press	Open front "C" frame vertical type		
1.2	Pressing force	200 T (minimum) (in down ward direction)		
2.2.2	Other parameters			
Clause no. of Section-IV	Item Description	As specified	Value/ Write up/ Brochure (As offered)	Justification for deviation offered (if any)
1.1	Return Load capacity	50 T(minimum)		
1.2	Stroke (adjustable)	700mm (minimum)		
1.3	Daylight	900 mm approx.		
1.4	Working table size (LRXFB)	1600mmX 1200 mm (mm) (minimum)		
1.5	Working Height	700mm (Max)		
1.6	Throat Distance	600 mm		
1.7	Ram block size	600 x 500mm		
1.8	Ram speeds(max. permissible variation +- 10 % i. Approach speed ii. Pressing speed iii. Return speed	50 mm/sec. 05 mm/sec. 75mm/sec.		
1.9	Geometrical accuracies of the press	As per IS: 14877 (Pt. I) : 2000 Grade 2		
1.10	Motor Power	20 HP		
1.11	Power supply	415V+/-10%, 50Hz.+/- 3%		
1.12	Hydraulic oil tank capacity	450 Liters (minimum)		

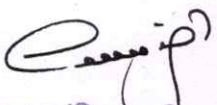

उप मुख्य यांत्रिक अभियंता
मध्य रेल, मटुंगा

Clause no. of Section-IV	Item Description	As specified	Value/ Write up/ Brochure (As offered)	Justification for deviation offered (if any)
1.13	Two nos. separate earth pits will be provided and connected			




उप मुख्य यांत्रिक अभियन्ता
मध्य रेल, मटुंगा
Dy. Chief Mechanical Engineer
Central Railway Matunga

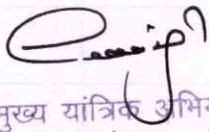
Schedule-1B				
Applicable for 200T Down-stroke C-Frame Vertical Type Hydraulic press for Consignee				
2.2	Leading parameters			
2.2.1	Major parameters: (Note: No deviation in major parameter shall be accepted.)			
Clause no. of Section-IV	Item Description	As specified	Value/Write up/ Brochure (As offered)	
1.1	Type of press	Open front "C" frame-vertical type		
1.2	Pressing force	200 T (minimum) (in down-ward direction)		
2.2.2	Other parameters			
Clause no. of Section-IV	Item Description	As specified	Value/Write up/ Brochure (As offered)	Justification for deviation-offered (if any)
1.1	Stroke (adjustable)	600 mm (min)		
1.2	Daylight	800 mm approx.		
1.3	Working table size (LXB)	2000 X 900 mm (min)		
1.4	Ram-Block size	660 x 660 mm		
1.5	Working Height	700-750mm		
1.6	Parallelism between top and bottom heads	0.05 mm per 300 mm		
1.7	Flatness of surfaces	0.03 mm per 300mm		
1.8	Ram speeds(max. permissible variation \pm 10 % iv. Approach speed v. Pressing speed vi. Return speed	40 mm/sec. 5 mm/sec. 60mm/sec.		
1.9	Geometrical accuracies of the press	As per IS: 14877 (Pt. I): 2000 Grade-2		
1.10	Motor Power	20 HP		
1.11	Power supply	415V \pm 10%, 50Hz. \pm 3%		
1.12	Hydraulic oil tank capacity	450 Liters (minimum)		


उप मुख्य यांत्रिक अभियन्ता
मध्य रेल, माटुंगा

Dy. Chief Mechanical Engineer
Central Railway Matunga

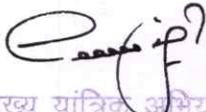
Clause- no. of Section- IV	Item Description	As specified	Value/- Write up/ Brochure- (As offered)	Justification- for deviation- offered (if- any)
1.13	Two nos. separate earth pits will be provided and connected			
Note:-	This press is preferred with heat resistant ram bottom to prevent heat transmission to piston-oil seats during welding of draft gear near plate in pressed condition			





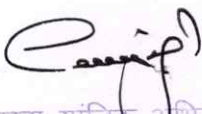
उप मुख्य यांत्रिक अभियन्ता
मध्य रेल, माटुंगा
Dy. Chief Mechanical Engineer
Central Railway Matunga

Schedule-1C				
Applicable for 200T Down-stroke C-Frame Vertical Type Hydraulic press for Consignee —				
2.2	Loading parameters			
2.2.1	Major parameters: (Note: No deviation in major parameter shall be accepted.)			
Clause no. _____ of Section-IV	Item-Description	As-specified	Value/ Write-up/ Brochure (As offered)	
1.1	Type of press	Four — Column type		
1.2	Pressing force	300 T (minimum) (in down ward direction)		
2.2.2	Other parameters			
Clause no. _____ of Section-IV	Item-Description	As-specified	Value/ Write-up/ Brochure (As offered)	Justification for deviation-offered (if any)
1.1	Daylight (Distance between top & bottom platens)	800 mm approx.		
1.2	Stroke (adjustable)	1000 mm (min)		
1.3	Working table size (LXB)	2000 X 2000 mm (min)		
1.4	Parallelism between top and bottom heads	0.05 mm per 300 mm		
1.5	Flatness of surfaces	0.03 mm per 300mm		
1.6	Ram speeds (max. permissible variation \pm 10 % vii. _____ Approach speed viii. _____ Pressing speed ix. _____ Return speed	25 mm/sec. 1.6 mm/sec. 30mm/sec.		
1.7	Motor Power	15 KW (minimum)		
1.8	Trolley (To carry out the job for performing the shaft pressing in and pressing out work)			
(i)	No of Trolley (Motorised)	02		
(ii)	Electric motor power	3.5 KW (minimum)		
(iii)	Load on each trolley	5T		
(iv)	Trolley Speed	75 mm/Seconds		
1.9	'U' Cut in slide / top bed & lower bed of trolley side	350 mm		
1.10	Bed Level			


उप मुख्य यांत्रिक अभियन्ता
मध्य रेल, मटुंगा

Clause no. of Section-IV	Item Description	As specified	Value/ Write up/- Brochure (As offered)	Justification for deviation offered (if any)
1.11	Mode of Operation			
1.12	Pit Depth below lower bed for replacement of Shaft			
1.13	Geometrical accuracies of the press	As per IS: 14877 (Pt. I): 2000 Grade 2		
1.14	Power supply	415V +/- 10%, 50Hz +/- 3%		
1.15	Hydraulic oil tank capacity	500 Liters Approx.)		
1.16	Two nos. separate earth pits will be provided and connected			




उप मुख्य यांत्रिक अभियन्ता
मध्य रेल, माटुंगा
Dy. Chief Mechanical Engineer
Central Railway Matunga