

BHARAT HEAVY ELECTRICALS LTD.
CENTRAL FOUNDRY FORGE PLANT
RANIPUR, HARDWAR
FORGE SHOP MAINTENANCE

Ref.: FF:19:MFG:RC:ME:04

Date: 01/08/2019

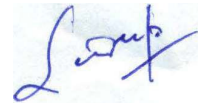
TENDER NOTICE – OPEN TENDER

Two part tenders in sealed envelopes are invited from technically and financially capable vendors, having experience in work similar to - and interested in - the under mentioned works. The tender documents are available at website www.bhel.com/www.bhelhwr.co.in in tender notification section which can be downloaded. The tender should be duly filled with all the documents attached. The tender should reach the place specified below **on or before 22.08.2019 at 01:30 PM** which will be opened on the **same day at 02:00 PM** in presence of the bidders who wish to be present at:

Tender Room
Administrative Building
CFFP, BHEL Haridwar – 249403

Bidders are advised to carefully study the drawings before quoting their rates. Bidders are also advised to go through the special Instructions attached to this notice. (Attachment - A). BHEL reserves the right to reject any or all of the tenders without assigning any reason thereto.

Tender No. & Date	Description of Work	Estimated Cost	Earnest Money	Total Time of completion	Tender Cost
FF:19:MFG:RC:ME:04 Dated: 01/08/2019	Final machining, grinding, hard Chrome Plating and buffing of Main Plungers (Ø746mm) of 2650T press	Rs. 16.37 lakhs /- (approx.)	Rs. 32750	6 Months	Rs 200.00

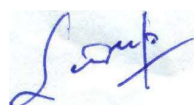


(Sandeep Kumar)
Dy. Mgr./M&S
CFFP, BHEL

Ranipur, Haridwar 249403
(Uttarakhand)

Contact No. 01334-284165

E-mail ID: kum.sandeep@bhel.in



Signature of Issuing Officer

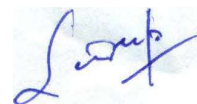
Signature of Bidder/Tenderer

ATTACHMENT-A**SPECIAL INSTRUCTIONS**

1. Kindly read this set of Special Instructions carefully before filling up the tender form.
2. **Pre-qualification requirements placed at annexure A must be fulfilled by the vendor to participate in the tender and submitted along with techno-commercial bid.**
3. The bidders are to submit the tender form along with all the annexures as well as this set of special instructions (Attachment-A); all pages duly signed.
4. The tender is to be submitted in two parts, viz.:
 - 4.1 Techno Commercial Bid, and
 - 4.2 Price Bid

Documents related with pre-qualification requirements i.e. Annexure-A must be submitted along with techno-commercial bid.

5. Both the techno commercial bid and the price bid are to be sealed separately in separate envelopes super-scribed with **“Techno Commercial Bid for Tender no. : FF:19:MFG:RC:ME:04”** and **“Price Bid for Tender no. : FF:19:MFG:RC:ME:04”** respectively and then placed in a common envelope super-scribed with **“Tender for Tender No.: FF:19:MFG:RC:ME:04”**. The techno commercial bid must also contain an un-priced copy of price bid.
6. Only the techno commercial bid will be opened on the day of tender opening. The priced bid will be opened only if and of those vendors whose techno commercial bid(s) are found technically suitable & acceptable. Date of opening of price bid will be intimated to all technically suitable and acceptable bidders at a suitable time.
7. Once price bids are opened and accepted by BHEL, the same cannot be withdrawn by the bidder for whatsoever reasons. In case a bidder withdraws his/her/their tender, suitable action may be taken by BHEL as deemed fit.
8. If there is a difference found in the figures & words of the offered price. The price given in the words will be considered.



(Issuing Officer)



Signature of Issuing Officer

Signature of Bidder/Tenderer

BHARAT HEAVY ELECTRICALS LTD.
CENTRAL FOUNDRY FORGE PLANT
 RANIPUR, HARDWAR
FORGE SHOP MAINTENANCE

TENDER FORM for "Final machining, grinding, hard Chrome Plating and buffing of Main Plungers (Ø746mm) of 2650T press".

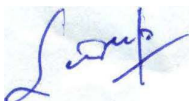
(PRICE BID)
PRICED/UNPRICED

(PRICED PRICE BID TO BE SEALED IN SEPARATE ENVELOP)

Name & Address of Bidder	:	
Tender Notice No.	:	FF:19:MFG:RC:ME:04
Last Date & Time for receipt of Tender	:	13:30 hrs on 22/08/2019
Date & Time for opening of Tenders	:	14:00 hrs on 22/08/2019
Place for opening of Tenders	:	Tender room, CFFP
Nature of Contract	:	Final machining, grinding, hard Chrome Plating and buffing of Main Plungers (Ø746mm) of 2650T press
Period of Contract	:	06 months

SCOPE OF WORK: Final machining, grinding, hard Chrome Plating and buffing of Main Plungers (to Ø746mm) of 2650T press as per drawing no. 01-05-205. Material of the Plungers is 45C8 (1 no.) & 34CrAlNi7 (2 nos.) and will be supplied by CFFP, BHEL whose dimensions would be as per drawing no. 01-05-097. All the plungers to be supplied as per final drawing no. 01-05-205 (including hard chrome plating as mentioned on drawing). These drawings are attached with the tender form.

S. No.	Plungers	Final Drawing No.	Qty. (No.)	Quoted Price Per Unit (A1) (Rs.)	Final Quoted Amount (A1*Qty.) (Rs.)
1	FW0320000204 Plunger Ø746 mm for Main Cylinder Drawing No. 01-05-205	01-05-205	3		

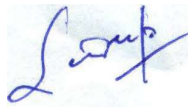

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Total final quoted cost in words (Rs.)	
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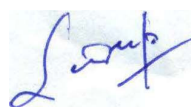
Enclosures:

1. Annexure-A : Pre-Qualification Criteria
2. Annexure-B : Special Terms and conditions
3. Annexure-C : General Terms and conditions
4. Annexure-D : Rough and final Drawings of Plungers



Signature of Issuing Officer

Signature of Bidder/Tenderer



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Annexure - A: Pre - Qualification Criteria

S. No.	Criteria	Requirement
1	Vendor must have in-house facilities for finished machining of components of size Ø 500 mm & length 2000 mm or more.	Document mentioning size of Manufacturing Equipment (Lathes, Milling, Grinding Machines etc) installed in the premises of Plant shall be submitted by the vendor
2	Vendor must have in-house facilities for chrome plating. Any authorisation certificate regarding chrome plating facility from any other dealer will not be considered.	Document mentioning size of plating tank installed in the premises of Plant shall be submitted by the vendor
3	Vendor must have successfully completed similar job work/ purchase order of finished machining including chrome plating of components of minimum size Dia. Ø500mm & Length 2000mm.	
3.1	Experience of having successfully completed similar works during last 7 years ending last day of month previous to the one in which applications are invited should be either of the following: Three similar completed works each costing equal to or more than Rs. 6.5 Lakhs Or Two similar completed works each costing equal to or more than Rs. 8.2 Lakhs Or One similar completed work each costing equal to or more than Rs. 13.1 Lakhs	Vendor to submit the copies of purchase orders/completion certificate of work duly signed by customers
3.2	Name & postal address of the customers for whom the above mentioned WOs/POs along with name, contact phone number(s), email id, designation of the contact person to be submitted	Documents detailing the details mentioning: 1. Name of the Company (Customer) 2. Name of the Contact Person 3. Contact Number & E-mail ID To be provided for all the work orders
4	Average annual financial turnover during the last 3 years ending 31st March of the previous financial year, should be at least 5.0 Lakhs.	Balance sheet specifically highlighting Turn Over to be submitted

Note:

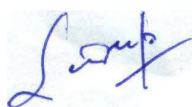
1. Similar work means "Final/Finished machining (including machining, grinding, milling, drilling, chrome plating etc.) of components of minimum size Dia. Ø500mm & Length 2000mm."
2. BHEL reserves the right to verify information submitted by vendor. In case the information is found to be false/ incorrect, the offer shall be rejected.

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Annexure – B: Special Terms & Conditions

1. (Rough machined) Material of the components will be provided by BHEL.
2. Bidder has to give bank guarantee of Rs. 6.0 lakhs (2 lakhs for each plunger) against full amount of the rough component/items against material cost.
3. CFFP/BHEL reserves the right to pre-inspect the material at vendor's works/ warehouse/ premises before final dispatch and during intermediary processes.
4. The cost of transportation to and fro will be borne by the vendor and is to be included in the bid.
5. The cost of transit insurance during transportation to and fro will be borne by the vendor and is to be included in the bid.
6. The Bidder has to lift the material in one lot.
7. The work period will be 6 months for completion of work on all components and the start of the work period shall be counted from the dispatch date of material from CFFP, BHEL Haridwar Material Gate.
8. The cumulative period (from the date of dispatch of material from CFFP, BHEL to receiving of material in CFFP, BHEL) should not exceed 6 Months. If it so exceeds, LD will be imposed accordingly.
9. The vendor will be penalized for late delivery of the material from due date at the rate of 0.5% per week subject to maximum of 10% on total value of Work order.
10. The final bid will be evaluated on total landed cost including transportation cost, insurance cost and works inclusive. However, GST will be paid extra on actual basis on submission of GST deposit receipt after verification of the same on GSTIN.
11. Payment shall be made after receipt and acceptance of material at CFFP works.
12. Original Inspection report indicating surface roughness value, hardness value and all critical dimensions is to be provided.
13. All drawings and standards are propriety of BHEL; they must not be used in any way detrimental to the interest of the company.
14. Lowest bidder (L1) will be decided on total cost of all the Components.



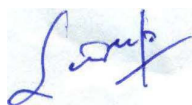
Signature of Issuing Officer

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Annexure – C: General Terms & Conditions

Please read the instructions below carefully before filling the tender form. Tender form having any cuttings/overwriting/not having clarity/having ambiguity will be cancelled. Do not remove any page from this form and sign both sides of the pages:

1. No tender documents will be accepted without submission of earnest money.
2. The contractor must sign each page of tender documents. In relation to the company or firm, the tender must be signed by the person who has the power of attorney, and a copy of the same must be enclosed with the tender form.
3. All the tenders must necessarily be accompanied with the earnest money as detailed in the tender notice/tender form. Any tender submitted without the earnest money will be liable to be rejected.
4. Once tenders are opened and accepted by BHEL, the same cannot be withdrawn by the bidder for whatsoever reasons. In case a bidder withdraws his/her/their tender, the earnest money deposited will be forfeited.
5. EMD is to be submitted in the following forms only:
 - (i) Cash deposit as permissible under the extant Income Tax Act (before tender opening)
 - (ii) Electronic Fund Transfer credited in BHEL account (before tender opening)
 - (iii) Banker's cheque/ Pay order/ Demand draft, in favour of BHEL (along with offer)
6. EMD may be waived off in line with statutory regulations if contractor provides necessary certificates/documents as per government notifications.
7. EMD of the tenderer will be forfeited as per tender documents, if:
 - (i) After opening the tender and within the offer validity period, the tenderer revokes his tender or makes any modification in his tender which is not acceptable to BHEL.
 - (ii) The Contractor fails to deposit the required Security deposit or commence the work within the period as per LOI/ Contract.
8. All documents of tender form and earnest money along with the receipt, received after depositing the DD/Pay order (CFFP) to the cash section (if applicable), should be sent to Tender Room, Administrative Building, CFFP by hand/by registered post/by courier in a sealed envelope before opening of tender before the deadline.
9. Contract shall be governed by the works policy, fraud prevention policy and the same shall be made available to the vendor in case of requirement expressed by the vendor. The Bidder along with its associate/collaborators/sub-contractors/sub-vendors/consultants/service



Signature of Issuing Officer

Signature of Bidder/Tenderer

providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.

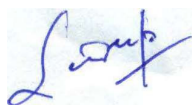
10. BHEL will have the right to cancel any or all tenders and to accept any tender whether it is minimum or maximum. Incomplete forms will be cancelled.
11. Presence of tenderers at the time of tender opening is recommended but not mandatory.
12. Bid should be free from correction, overwriting, using corrective fluid, etc. Any interlineation, cutting, erasure or overwriting shall be valid only if they are attested under full signature(s) of person(s) signing the bid else bid shall be liable for rejection.
13. After getting the contract, security money (SD) has to be deposited by the vendor before commencement of work. The total amount of Security Deposit will be 5% of the contract value. EMD of the successful tenderer shall be converted and adjusted towards the required amount of Security Deposit.
14. SD may be furnished in any of the following forms:
 - (i) Cash (as permissible under the extant Income Tax Act)
 - (ii) Local cheques of Scheduled Banks (subject to realization)/ Pay Order/ Demand
 - (iii) Draft/ Electronic Fund Transfer in favour of BHEL
 - (iv) Bank Guarantee from Scheduled Banks/ Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format should have the approval of BHEL
 - (v) Fixed Deposit Receipt issued by Scheduled Banks/ Public Financial Institutions as defined in the Companies Act (FDR should be in the name of the Contractor, a/c BHEL)
 - (vi) Securities available from Indian Post offices such as National Savings Certificates, Kisan Vikas Patras etc. (held in the name of Contractor furnishing the security and duly endorsed/ hypothecated/ pledged, as applicable, in favour of BHEL)
 - (vii) (Note: BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith)

EMD of the successful tenderer can be converted and adjusted against the security deposit. The security deposit shall not carry any interest.
15. Security deposit shall not be refunded to the contractor except in accordance with the terms of the contract.
16. No overdue interest clause to be added. If added, BHEL is not liable to entertain the same.
17. Tenderer has to sign on agreement before taking the Work order.

Signature of Issuing Officer

Signature of Bidder/Tenderer

18. It is notified to all tenderers that they shall not be submitting any fake documents along with the tender form. All the collected documents can be examined at any point of time and if documents are found fake/forged, then appropriate action will be taken to the extent of cancellation of registration and tender.
19. In case the contractor defaults in commencing the work within the time specified by BHEL in spite of a reasonable notice in writing or in case the contractor fails, to comply with any of the terms and conditions of the contract, in spite of 10 days' notice in writing or in case he/she neglects or refuses to execute the contract or any part thereof at any stage, the contract shall, without prejudice to any other rights or remedies available to BHEL be liable to cancelled/termination in part or as a whole. In the event of cancellation/termination. The contractor shall be liable to compensate BHEL for all loss incurred by BHEL including the loss suffered on account of having the work executed through any other contractor or department as may be convenient to BHEL in accordance with the exigencies of the work.
20. In the event of cancellation/termination, the contractor shall be liable to compensate BHEL for all losses incurred by BHEL including the loss suffered on account of having the work executed through any other contractor or department as may be convenient to BHEL in accordance with the exigencies of the work. In case only a part of the contract is cancelled, the remaining portion of contract may be allowed to be executed by the contractor. All disputes arising in connection with the contract shall be settled by mutual consultation if no agreement is reached the dispute shall be settled in accordance with the provisions of the Arbitration and conciliation Act, 1996 and the rules made there under. The dispute shall be referred for arbitration to any arbitrator to be appointed by the Head of the BHEL CFFP Unit. The award of the arbitrator shall be final and binding on both the Parties. The venue of the Arbitration shall be Haridwar (U.K.) in India. The questions, disputes, differences arising under, out of or in connection with this contract shall be to the exclusive jurisdiction of Haridwar Courts.



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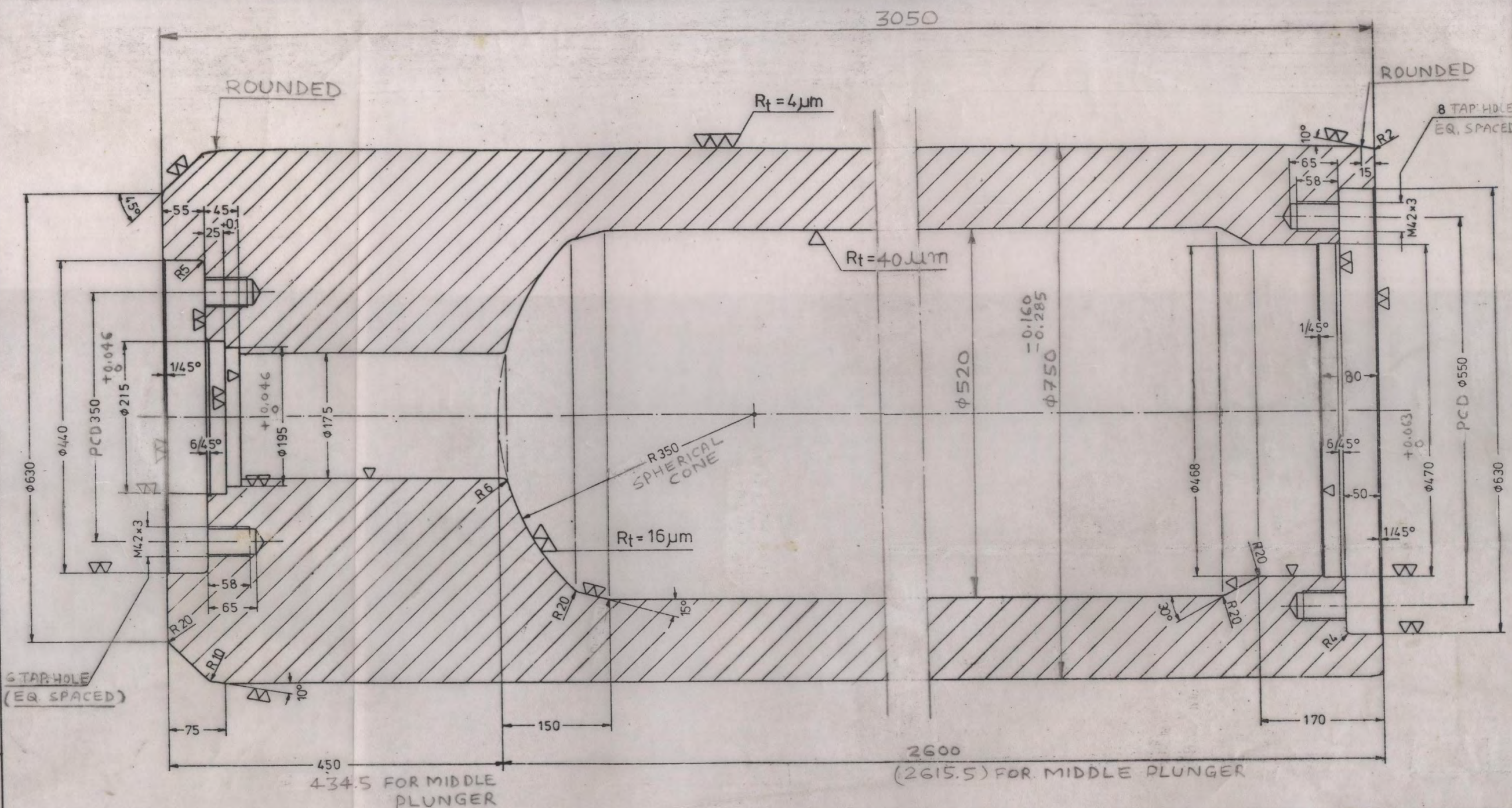
FIRST ANGLE PROJECTION (ALL DIMENSIONS ARE IN M.M.)

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M&S

DEMAG MEER Ref. Drg. No. 5030004-13.002

Sign & Date



ALL SHARP CORNERS TO BE ROUNDED OFF. MATERIAL-INGOT HARD CAST

BHARAT HEAVY ELECTRICALS LIMITED.
UNIT:CENTRAL FOUNDRY FORGE PLANT.
HARDWAR

REV.	DATE	ALTERED CHECKED	REV.	DATE	ALTERED CHECKED	REV.	DATE	ALTERED CHECKED

DEPT. DESIGN BUREAU	SCALE NTS	WEIGHT(KGS.) 5690 KG.	REF. to ASSY. DRG.	ITEM NO.																
TITLE PLUNGER ϕ 750 MAIN CYLINDERS 2650 T FORGE PRESS		<table border="1"> <thead> <tr> <th> </th> <th>NAME</th> <th>SIGN.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN</td> <td>KISHORI LAL</td> <td><i>[Signature]</i></td> <td>10.8.04</td> </tr> <tr> <td>CHECKED</td> <td>PBG</td> <td><i>[Signature]</i></td> <td>9.9.09</td> </tr> <tr> <td>APPROVED</td> <td>PBG</td> <td><i>[Signature]</i></td> <td> </td> </tr> </tbody> </table>				NAME	SIGN.	DATE	DRAWN	KISHORI LAL	<i>[Signature]</i>	10.8.04	CHECKED	PBG	<i>[Signature]</i>	9.9.09	APPROVED	PBG	<i>[Signature]</i>	
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CHECKED	PBG	<i>[Signature]</i>	9.9.09																	
APPROVED	PBG	<i>[Signature]</i>																		
Dimensions to be controlled Within Limits as Shown Machining Tolerance \pm 0.25 mm Unless Otherwise Shown. Non Machining Tolerance \pm		DRAWING NO. 01, 05, 097	REV. 0																	
SHEET NO. 1		NO. OF SHEETS 1																		

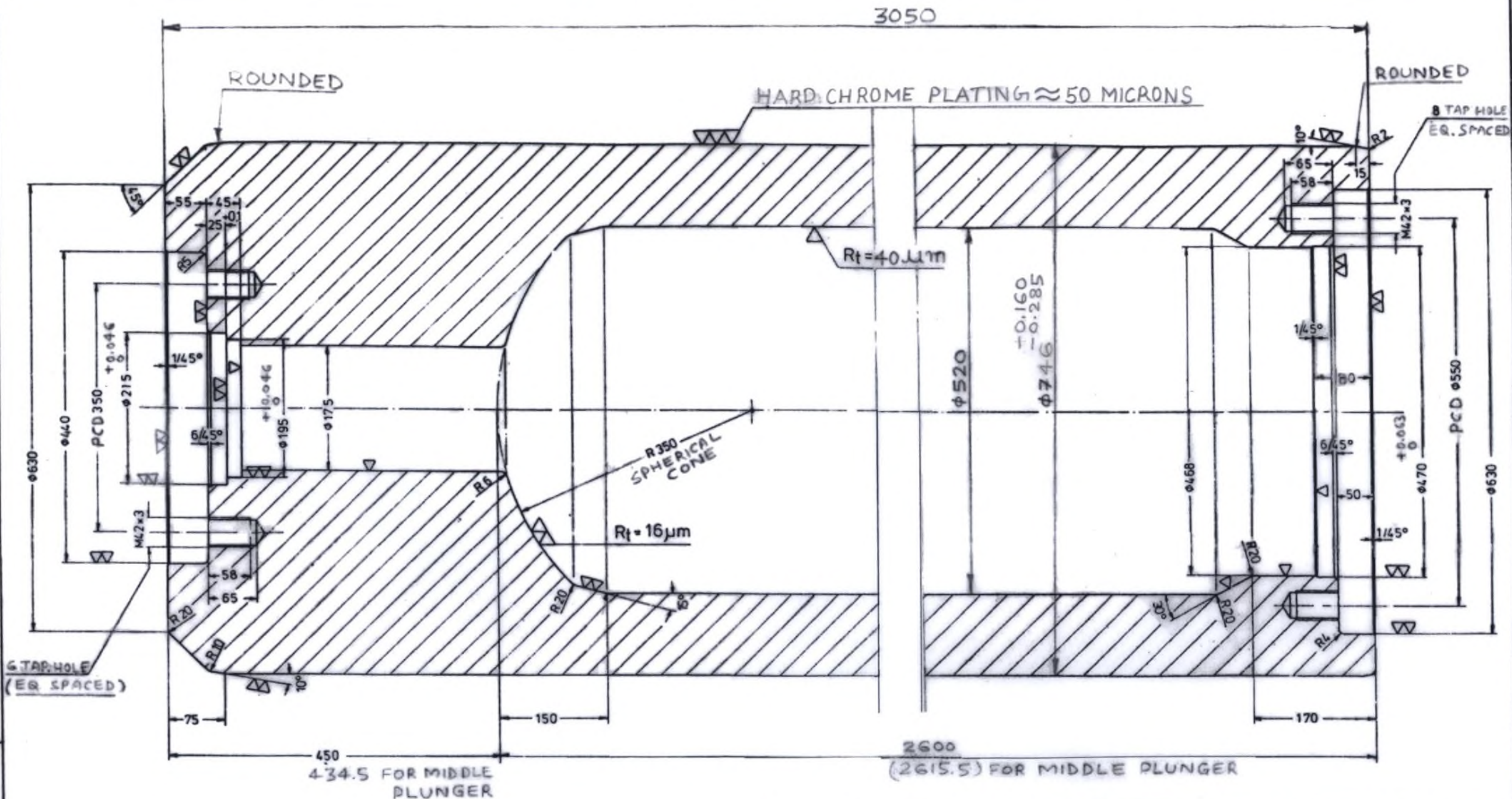
FIRST ANGLE PROJECTION

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DEMAG MEER
Ref. Drg. No.
5030004-13.002

Sign & Date



ALL SHARP CORNERS TO BE ROUNDED OFF.

MATERIAL-INGOT HARD CAST

BHARAT HEAVY ELECTRICALS LIMITED.
UNIT:CENTRAL FOUNDRY FORGE PLANT.
HARDWAR

REV.	DATE	ALTERED CHECKED	REV.	DATE	ALTERED CHECKED	REV.	DATE	ALTERED CHECKED	DEPT. DESIGN BUREAU	SCALE NTS	WEIGHT(KGS.) 5690 KG.	REF. to ASSY. DRG.	ITEM NO.
TITLE PLUNGER ϕ750(MODIFIED)										DRAWN PARVEEN		NAME SIGN DATE	
MAIN CYLINDER										CHECKED ANAMIKA		20/11/19	
2650T FORGE PRESS										APPROVED SANDEEP		21/11/19	
Dimensions to be controlled within Limits as Shown Machining Tolerance: 0.25 mm Unless Otherwise Shown. Non Machining Tolerance +										DRAWING NO. 01-05-205		REV. 0	
										SHEET NO. 1		NO. OF SHEETS 1	