



An ISO 9001  
Company

## Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirapalli – 620014, TAMIL NADU, INDIA

TITLE <b>TUBE END COVER/CAP</b>	Phone: +91 431 2574256/4095 E-mail: keerthi@bhel.in ksh@bhel.in
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Reference Enquiry Number: <b>2002300003</b>	Enquiry Date: <b>07.03.2023</b>	Due date for submission of quotation: <b>04:30 PM IST on 10.03.2023</b>
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Offer through Enterprise Procurement System (EPS) is invited by the Dy. Manager/ MM/PSS for supply of the above mentioned items.

<p><b>Offer should be submitted through Enterprise Procurement System (EPS) only. Offers in any other mode will not be accepted.</b></p> <p><b>Please visit our website: <a href="https://eprocurebhel.co.in/">https://eprocurebhel.co.in/</a></b></p> <p>Click on the above web link for registering in BHEL e-procurement portal. Internet explorer with 9<sup>th</sup> version and above should be used for registration.</p> <p>For any other queries and for getting digital signature certificate, vendor shall contact Mr. Peter Raj (Mob.No.9942069052).</p>	<p>Yours faithfully, For Bharat Heavy Electricals Limited T KEERTHI Dy. Manager/MM/PSS, 4th Floor – Bldg. 24, Bharat Heavy Electricals Ltd., Tiruchirapalli-620014, Tamilnadu.</p> <p>Ph: 0431- 2574256/4095 Email: keerthi@bhel.in ksh@bhel.in</p>
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Enclosure:

1. Terms and conditions - Annexure A is enclosed.
2. Commercial Terms – Annexure B is enclosed.

**BHARAT HEAVY ELECTRICALS LTD. TIRUCHIRAPALLI-620 014**  
**MATERIALS MANAGEMENT/PRODUCTION SUPPORT SERVICE**  
**Terms and Conditions for Tender Published Through Eps**

**E-Procurement System:**

Offer should be submitted through eProcurement Portal only. Offers in any other mode will not be accepted.

Please visit website: <https://eprocurebhel.co.in/>

Click on the above web link for registering in BHEL e-procurement portal. Internet explorer with 9<sup>th</sup> version and above should be used for registration.

After opening the page, click on “online bidder enrolment”

1. After opening “online bidder enrolment”, it will navigate to next page as mentioned below. Vendor has to enter all the required details and click the submit button. Login is company’s mail id. Preferential check box shall be clicked with “yes” in case MSME vendor.
2. After submitting registration process, verification will be done through registered mobile number and mail id.
3. After entering the verification code received from both the mail id and registered mobile number, vendor has to generate the password.
4. With the above, vendor shall enter login id and password
5. Once registration is over, vendor has to map the digital signature certificate (DSC) in e-procurement portal. It should be class-III certificate (both signing and encryption).

For any other queries and for getting digital signature certificate, vendor may contact Mr. Peter Raj (Mob.No.9942069052 / E-mail ID: [jpetermca@gmail.com](mailto:jpetermca@gmail.com)).

Or

Sellers may contact our 24 x 7 Help Desk Number

0120-4001 002

0120-4001 005

0120-6277 787

**Annexure – A**

**1. Material specification:**

Offer should be in line with the specifications mentioned in the enquiry. If there is any deviation, the same should be mentioned clearly against that item in the e- procurement offer itself.

For clarifications if any may be sought through Email IDs: keerthi@bhel.in / ksh@bhel.in

**2. Offer submission:**

Offer is to be submitted in TWO part bids system (**Technical bid + Price bid**) in the E-Procurement portal <https://eprocarebhel.co.in/> only on or before the due date and time.

Sealed cover bids / e-Mails / FAX / Manual offer will NOT be accepted.

New bidder would be required to register on the e-procurement portal and submit their bid online. Existing bidders may use their existing login credential to login and participate.

Bidders are requested to visit <https://eprocarebhel.co.in/> & [www.bhel.com](http://www.bhel.com) for more details & corrigendum if any for the tender enquiry.

**3. PQC Conditions:**

**BoQ Item No: 1 to 4**

- a) Vendor shall confirm for supplying the Tube End Cover as per the Dimensions indicated against each item.
- b) Suppliers shall have supplied similar items as per the tendered specification. Past PO Copies (PO Date on or after 01.01.2016) to be attached.

**BoQ Item No: 5 to 9:**

- a) Vendor shall confirm for supplying the Tube End Cover as per the Dimensions indicated against each item.
- b) Suppliers shall have supplied similar items as per the tendered specification. Past PO Copies (PO Date on or after 01.01.2016) to be attached.

**BoQ Item No: 10 to 43:**

- a) Please confirm supply of material as per specification.
- b) Bidder should submit at least one PO copy for the plastic end cap supplied to any central/state Govt. Organisation / PSU / Public Listed company after Dec'19

**4.Tender opening:**

On the due date of tender opening, only the technical bids will be opened. Technical bids will be evaluated by us and clarifications required, if any, will be called for from the bidders on technical and commercial points. Offers not meeting the required specification will be rejected. The price bids of techno-commercially suitable bidders only will be opened.

Tender will be opened on the due date as mentioned in the enquiry. If the due date falls on holiday, the tender document will be opened immediately on the next working day.

**5. Validity of offer:**

Offers should have a validity of minimum 60 days from the date of tender opening. The quoted/Finalized rates shall be Firm till the completion of the supplies including amendment / deviation / extension is any in quantity / date.

**6. Delivery Incoterms:**

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Indigenous bidders: Should be quoted on F.O.R-Free on road BHEL Stores, Trichy basis only (inclusive of packing, forwarding, freight and transit insurance charges to seller account). Ex-works offer will be rejected. Supplier shall indicate applicable GST in percentage along with HSN code against each item.

**7. Delivery period:**

**a. For BoQ item No. 1 to 9 :** Recommended delivery schedule is 20 days from date of purchase order.

**b. For BoQ item No. 10 to 43 :** Recommended delivery schedule is 15 days from date of purchase order.

**8. Offer Evaluation Criteria:**

The offers of indigenous vendors will be evaluated on total landed cost to BHEL, Trichy per item basis. The evaluation details with respect to the indigenous vendors is detailed below:

Indigenous Vendors:

Net Landed cost/rate for each item = F.O.R. Rate in INR (A) + Applicable Taxes (B)– Applicable input tax credit (C)

A-Indigenous vendors submit offers on F.O.R. - Free on Road, HPBP Stores, BHEL Trichy in INR.

B-Applicable GST and any other charges quoted by indigenous vendors will be added to the base price.

C-However input tax credit is availed for GST, hence the same is excluded for arriving at the landed cost.

The evaluation currency for this tender shall be INR.

9. BHEL reserves the right to negotiate with L1 vendor or re-float the tender for items where, L1 price is not the lowest acceptable price; increase or decrease the tender quantity.

**10. TERMS OF PAYMENT:**

- Payment Term for Indigenous suppliers: Payment term is 100% direct EFT payment after 90 days from the date of receipt and acceptance of materials at Stores/Trichy.

**Any deviation in the above payment terms, any other conditions in payment terms or any other Payment terms will not be accepted.**

**11. LD clause & Risk purchase clause are applicable in this tender.**

Liquidated Damages (LD): If the Supplier fails to deliver the P.O quantity within the period specified in the contract, then the Purchaser shall deduct liquidated damages. Liquidated damages shall be 0.5% of the total order value per week of delay or part thereof subject to a maximum of 10% of the total order value.

INDIGENOUS: For “F.O.R. Delivery terms”, Lorry way bill date / Invoice date whichever is later will be taken for LD calculation.

Supplier should accept LD clause without any deviation at the time of offer submission.

**Risk Purchase:**

1. In the event of any successful Tenderer's failure to fulfil any of the tender / Contract obligations including supply of whole or any part of the ordered items as per Contract / Agreement, BHEL has the right to terminate the contract and purchase from elsewhere, at the risk and cost of the defaulted supplier, either the whole of the goods or any part which the supplier has failed to deliver or dispatch within the time stipulated in the contract or if the same were not available, the best and nearest available substitute thereof. The supplier shall be liable for the additional expenditure/difference in Cost, if any, including consequential losses which BHEL may sustain by reason of risk purchase in addition to the applicable LD as per the Purchase order/contract.
2. The decision of BHEL with regard to the additional expenditure / difference in cost and consequential losses incurred by BHEL shall be final and binding on the supplier.
3. The amount recoverable under risk purchase shall be recovered from the defaulted supplier in all or any of the following manners:

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- a. From dues available in the form of Bills payable to defaulted supplier, SD, BGs against the same contract.
- b. from the dues payable to defaulted supplier against other contracts in the same Region/Unit /any other region/unit
- c. In-case recoveries are not possible with any of the above available options, Legal action shall be initiated for recovery against defaulted supplier.
- d. GST will be applicable to the amount recoverable under risk purchase clause

**12. PACKING AND MARKING:** The supplier shall arrange for securely protecting and packing the stores to avoid loss or damages during transit.

**13. Special Provisions for Micro and Small Enterprises (MSE) bidders applicable on indigenous bidders only:**

- Payment for MSE Indigenous vendors will be as per MSMED Act, 2006. (i.e.) For Micro and Small Enterprises, 100% payment will be released within forty-five (45) days from the date of receipt and acceptance of materials. For Medium Enterprises, 100% payment will be released within sixty (60) days from the date of receipt and acceptance of materials.
- As per Gazette Notification no. S.O. 2119(E) dated 26.06.2020 issued by Ministry of MSME, MSE suppliers can avail the intended benefits if they submit UDYAM CERTIFICATE along with the offer. However, credentials of all MSE supplier will be verified before considering the intended benefits for MSE suppliers at the time of tender evaluation.
- In case of any change in the MSE status of the bidder, it shall be the responsibility of the bidder to notify the change as a part of the bid document. If at a later date it comes to the knowledge of BHEL, that the change in the status has not been intimated by the bidder and the order is obtained under the premise of an MSE then BHEL would cancel the pending order against this tender and take necessary steps for suspension of the business dealing with the bidder as per the procurement policy of BHEL.

14. Conditional offers are likely to be rejected.

15. The correspondences between the bidder and BHEL through email are considered as valid document legally though not signed. It is treated as valid confirmations made on behalf of the respective company and comes under the legal ambit of the business transaction and hence binding on both the parties.

**16. General notes:**

- Submit your FIRM competitive offer rate per No (basic price & freight) with best possible delivery on FOR BHEL-Trichy basis ONLY. The quoted prices shall be inclusive of all charges (like testing charges, Freight, etc.). Price Variation Clause (PVC) is not acceptable and offer with PVC shall be rejected.
- No revision of prices will be entertained after the tenders are opened.
- Lowest price received against BHEL tenders need not be the technically acceptable one and in that case, BHEL reserves the right not to consider the same.
- BHEL reserves the right to negotiate L1 rate or re-float the tender opened if L1 price is not the lowest acceptable price to them inter-alia other reasons.
- L1 will be arrived based on Net Landed cost to BHEL- Trichy.
- No payment will be made for the excess quantity supplied.
- The offers of the bidders who are on the banned list as also the offer of bidders who engage the services of the banned firms, shall be rejected. The list of banned firms is available on the BHEL website - [www.bhel.com](http://www.bhel.com).
- No charges shall be indicated as "Lumpsum". All charges shall be in "percentage" of the quoted rates or per item wise of the quoted item.
- Indigenous supplier shall indicate applicable GST rate along with HSN code against each item.
- Indigenous supplier shall indicate GSTIN number & PAN number of the Business.

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- Manufacturer's name trademark or patent no. if any should be specified. Illustrative leaflets giving technical particulars are required along with quotation wherever necessary.
- The bidder has to keep track of any changes by viewing the addendum / Corrigendum's issued by the Purchaser on time-to-time basis in the E-Procurement platform. The Company calling for tenders shall not be responsible for any claims/problems arising out of this.
- The user should complete all the processes and steps required for bid submission. The successful bid submission can be ascertained once acknowledgement is given by the system through bid submission number after completing all the processes and steps. BHEL and e-procurement service provider will not be responsible for incomplete bid submission by users. Users may also note that the incomplete bids will not be saved by the system and are not available for the Purchaser for processing.
- Before uploading scanned documents if any, the bidders shall sign on all the statements, documents, certificates uploaded by him, owning responsibility for their correctness / authenticity.
- Bidders participating in the tender should declare in their technical bid whether they have been blacklisted / kept on hold / given Business holiday for a specified period by any other Public Sector Undertaking or Government Departments. The reasons for such action with details and the current status of such hold shall be clearly furnished to BHEL. If no such details are mentioned in the offer, it will be construed that the bidder is not under any such hold. However, at a later date if it comes to the notice of BHEL about any such hold under enforcement, BHEL reserves the right to reject the offer at any point of time and also under any stage of the finalization of the tender. Such bidders will not be permitted to participate in the further tender proceedings and will be communicated suitably.

**17. Tender terms for GST in line with new GST Return System:**

For supplies after implementation of New GST Return System i.e. from 01/10/2019, the following conditions will apply and supplier shall fully comply to the below points.

**Indigenous suppliers:**

- Response to Tenders for Indigenous supplier will be entertained only if the vendor has a valid GST registration No (GSTIN) which should be clearly mentioned in the offer. If the dealer is exempted from GST registration, a declaration with due supporting documents need to be furnished for considering the offer. Dealers under composition scheme should declare that he is a composition dealer supported by the screen shot taken from GST portal. The dealer has to submit necessary documents if there is any change in status under GST.
- Supplier shall mention their GSTIN in all their invoices (incl. credit Notes, Debit Notes) and invoices shall be in the format as specified/prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No. which is linked/uploaded in GSTN network shall be clearly indicated), Billed to party (with GSTIN) & Shipped to party details, item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, Place of Supply etc.
- All invoices shall bear the HSN Code for each item separately (Harmonized System of Nomenclature)/ SAC code (Services Accounting Code).
- Invoices will be processed only upon completion of statutory requirement and further subject to following:
  - Vendor declaring such invoice in Form GST ANX-1
  - Receipt of Goods or Services and Tax invoice by BHEL
- As the continuous uploading of tax invoices in GSTN portal (in GST ANX-1) is available for all (i.e. both Small & Large) tax payers under proposed new GST Return System, all invoices raised on BHEL may be uploaded immediately in GST portal on dispatch of material /rendering of services. The supplier shall

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ensure availability of Invoice in GST portal before submission of invoice to BHEL. Invoices will be admitted by BHEL only if the invoices are available in GSTN portal (in BHEL's GST ANX-2).

- In case of discrepancy in the data uploaded by the supplier in the GSTN portal or in case of any shortages or rejection in the supply, then BHEL will not be able to avail the tax credit and will notify the supplier of the same. Supplier has to rectify the data discrepancy in the GSTN portal or issue credit note or debit note (details also to be uploaded in GSTN portal) for the shortages or rejections in the supplies or additional claims, within the calendar month informed by BHEL.
- In cases where invoice details have been uploaded by the vendor but failed to remit the GST amount to GST Department (Form PMT-08 or Form GST RET-01 to be submitted) within stipulated time, then GST paid on the invoices pertaining to the month for which GST return not filed by the vendor will be recovered from the vendor along with the applicable interest (currently 24% p.a.) and all subsequent bills of the vendor will not be processed till filing of the GST return by the vendor
- In case GST credit is denied to BHEL due to non-receipt or delayed receipt of goods and/ or tax invoice or expiry of timeline prescribed in GST law for availing such ITC, or any other reasons not attributable to BHEL, GST amount claimed in the invoice shall be disallowed to the vendor.
- Where any GST liability arising on BHEL under Reverse Charge (RCM), the vendor has to submit the invoices to BHEL well within the timeline prescribed in GST Law, to enable BHEL to discharge the GST liability. If there is a delay in submission of invoice by the vendor resulting in delayed payment of GST by BHEL along with Interest, then such Interest payable or paid shall be recovered from the vendor.
- Under GST regime, BHEL has to discharge GST liability on LD recovered from suppliers/contracts. Hence applicable GST shall also be recoverable from suppliers/contractors on LD amount. For this Tax Invoice will be issued by BHEL indicating the respective supply invoice number.
- GST TDS will be deducted as per Section 51 of CGST Act 2017 and in line with Notification 50/2018 – Central Tax dated 13.09.2018. GST TDS certificate which will be generated in GST portal subsequent to vendor accepting the TDS deduction in the GST portal, will be issued to the vendor.

**18. In the event of Force Majeure:**

- Notwithstanding the provisions contained in other clauses, the supplier shall not be liable for imposition of any such sanction so long the delay and/or failure of the supplier in fulfilling its obligations under the contract is the result of an event of Force Majeure. For purposes of this clause, Force Majeure means an event beyond the control of the supplier and not involving the supplier's fault or negligence and which is not foreseeable and not brought about at the instance of the party claiming to be affected by such event and which has caused the non – performance or delay in performance. Such events may include, but are not restricted to, wars or revolutions, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes excluding by its employees, lockouts excluding by its management, freight embargoes and Acts of GOD.
- If a Force Majeure situation arises, the supplier shall promptly notify the Purchaser/Consignee in writing of such conditions and the cause thereof within twenty-one days of occurrence of such event. Unless otherwise directed by the Purchaser/Consignee in writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- If the performance in whole or in part or any obligation under this contract is prevented or delayed by any reason of Force Majeure for a period exceeding sixty days, either party may at its option terminate the contract without any financial repercussion on either side.
- In case due to a Force Majeure event the Purchaser/Consignee is unable to fulfil its contractual commitment and responsibility, the Purchaser/Consignee will notify the supplier accordingly and subsequent actions taken on similar lines described in above sub-paragraphs

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**19. Disclaimer Clause:** Neither the Organization Bharat Heavy Electricals Ltd. nor the eProcurement service provider is responsible for any failure of submission of bids due to failure of internet or other connectivity problems or reasons thereof.

**20. Fraud Prevention Policy & Suspension of Business Dealings**

“The bidder along with its associate/collaborators/sub-contractors /consultants/service providers shall strictly adhere to BHEL Fraud prevention policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL Management about fraud or suspected fraud as soon as it comes to their notice.”

Guidelines for suspension of business dealings is available in the webpage: [http://www.bhel.com/vender\\_registration/vender.php](http://www.bhel.com/vender_registration/vender.php) which includes actions that would be taken against suppliers who do not execute the order placed on them.

**21. Cartel Formation:**

All the firms should desist from forming cartel as the practice is prohibited under Section 3(3) (a) & (d) of the competition Act 2002. If any such instance is observed during this tender will attract disciplinary action as per BHEL policies.

**22. Arbitration and conciliation / Resolution of Disputes:**

The Parties agree that if at any time (whether before, during or after the arbitral or judicial proceedings), any Disputes (which term shall mean and include any dispute, difference, question or disagreement arising in connection with construction, meaning, operation, effect, interpretation or breach of the contract/tender which the Parties are unable to settle mutually), arise inter-se the Parties, the same may, be referred by either party to Conciliation to be conducted through Independent Experts Committee to be appointed by competent authority of BHEL from the BHEL Panel of Conciliators.

Notes:

1. No serving or a retired employee of BHEL/Administrative Ministry of BHEL shall be included in the BHEL Panel of Conciliators.
2. Any other person(s) can be appointed as Conciliator(s) who is/are mutually agreeable to both the parties from outside the BHEL Panel of Conciliators.

The proceedings of Conciliation shall broadly be governed by Part-III of the Arbitration and Conciliation Act 1996 or any statutory modification thereof and as provided in Annexure ... to this Terms and conditions.

The Annexure ... together with its appendices will be treated as if the same is part and parcel hereof and shall be as effectual as if set out herein in this terms and conditions.

Except as provided elsewhere in this Contract, in case amicable settlement is not reached between the parties, in respect of any dispute or difference; arising out of the formation, breach, termination, validity or execution of the Contract; or, the respective rights and liabilities of the Parties; or, in relation to interpretation of any provision of the Contract; or, in any manner touching upon the Contract, then, either Party may, by a notice in writing to other Party, refer such dispute or difference to sole arbitration of an arbitrator appointed as per the Arbitration and Conciliation Act, 1996 (India) or statutory modification or re-enactment thereof and the rules made thereunder and for the time being in force. The Arbitrator shall pass a reasoned award and the award of the Arbitrator shall be final and binding upon the parties. This contract shall be governed, construed and interpreted in accordance with the laws of India.

Subject as aforesaid, the provisions of Arbitration & Conciliation Act 1996 (India) or statutory modification or re-enactment thereof and the rules made thereunder and for the time being in force shall apply to the arbitration proceeding under this clause. The seat of arbitration shall be Trichy, Tamil Nadu, India



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The cost of arbitration shall be borne as per the award of the Arbitrator.

Subject to arbitration in terms of clause above, the Courts at Trichy, Tamil Nadu, India shall have exclusive jurisdiction over any matter arising out of or in connection with this Contract.

Notwithstanding the existence or any dispute or difference and/or reference for the arbitration, the vendor/contractor shall proceed with and continue without hindrance the performance of its obligation under this Contract with due diligence and expedition in a professional manner except where the Contract has been terminated by either Party in terms of this Contract.

In Case of Contract with Public Sector Enterprise (PSE) or a Government Department, the following shall be applicable:

In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contract(s) between Central Public Sector Enterprises (CPSEs)/Port Trusts inter se and also between CPSEs and Government Departments/Organizations (Excluding disputes concerning Railways, Income Tax, Customs & Excise Departments, such dispute or difference shall be taken up by either party for its resolution through AMRCD as mentioned in DPE OM No.05/003/2019-FTS-10937 dtd. 14TH December, 2022 and the decision of AMRCD on the said dispute will be binding on both the parties.”

**23. Set-off Clause:** BHEL shall have the right to recover any money which in the sole opinion of BHEL is due from the Contractor from any money due to the Contractor under this Contract or any other contract or from the Security Deposit furnished by the Contractor under this Contract or any other contract.

**24. Make in India (Local content certification):** Bidder shall provide local content certificate as per Public Procurement (Preference to Make in India order 2017 dt 04.06.2020 issued by DPIIT) Order.

**25. Conflict of Interest:** A bidder shall not have conflict of interest with other bidders. Such conflict of interest can lead to anti-competitive practices to the detriment of Procuring Entity's interests. The bidder found to have a conflict of interest shall be disqualified. A bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if:

- a) they have controlling partner (s) in common; or
- b) they receive or have received any direct or indirect subsidy/ financial stake from any of them; or
- c) they have the same legal representative/agent for purposes of this bid; or
- d) they have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder, or
- e) Bidder participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/ sub-assembly/ Assemblies from one bidding manufacturer in more than one bid; or
- f) In cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorise only one agent/dealer. There can be only one bid from the following:
  - 1. The principal manufacturer directly or through one Indian agent on his behalf; and
  - 2. Indian/foreign agent on behalf of only one principal; or
- g) A Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the contract that is the subject of the Bid; or
- h) In case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/management, only one unit should quote. Similar restrictions

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would apply to closely related sister companies. Bidders must proactively declare such sister/ common business/ management units in same/ similar line of business.

\*\*\* End of Annexure A \*\*\*

**COMMERCIAL TERMS  
CONFIRMATION REQUIRED FROM THE SUPPLIERS**

**ANNEXURE –B**

<b>S. NO</b>	<b>DESCRIPTION</b>	<b>BHEL REQUIREMENTS</b>	<b>SUPPLIER CONFIRMATION / DEVIATION (STRIKEOUT WHICHEVER IS NOT APPLICABLE)</b>
1	VALIDITY	60 DAYS FROM DATE OF TECHNICAL BID OPENING	YES / NO
2	PRICE QUOTED	FOR DESTINATION BHEL TRICHY STORES	YES / NO
3	GST DETAILS	CGST	INCLUSIVE / EXTRA _____ %
		SGST	INCLUSIVE / EXTRA _____ %
		IGST	INCLUSIVE / EXTRA _____ %
4	DELIVERY SCHEDULE	a. For BoQ item No. 1 to 9 : Recommended delivery schedule is 20 days from date of purchase order. b. For BoQ item No. 10 to 43 : Recommended delivery schedule is 15 days from date of purchase order.	YES / NO
5	PAYMENT TERMS	As per S.No:10 of Terms and conditions of the Annexure-A of Enquiry	YES / NO
6	LD CLAUSE	As per S.No:11 of Terms and conditions of the Annexure-A of Enquiry	YES / NO
7	RISK PURCHASE CLAUSE	For details please read S.No:11 of Terms and conditions of the Annexure-A of Enquiry	YES / NO
8	PRICE VARIATION	NO PRICE REVISION SHALL BE ENTERTAINED TILL COMPLETION OF ORDERED QUANTITY INCLUDING EXTENSION / VARIATION IF ANY.	YES / NO
9	CONTACT PERSON DETAILS	NAME: MOBILE NO: EMAIL :	Indicated / Not indicated
10	Supply of tube end cover/cap as per specification		YES / NO
11	MSME supplier or non-MSME supplier		MSME supplier / non-MSME supplier
12	Udyam Registration Certificate in case of MSE vendor		ATTACHED/ NOT ATTACHED
13	Make in India – Local Content certificate		ATTACHED/ NOT ATTACHED
14	Please confirm that you are accepting all the points indicated in Annexure-A (Tender Terms and Conditions)		Confirmed / Not confirmed

SIGN AND SEAL OF THE AUTHORIZED  
PERSON TO SIGN THE TENDER DOCUMENT

TECHNICAL SPECIFICATION FOR TUBE END COVER/CAP		
Sl. No.	Specification	Bidder Confirmation Yes / No
<b>1 BoQ Item No: 1 to 4</b>		
1.1	Please confirm the supply of material as per internal dia drawing number 6119-0120 Rev 03	
1.2	<u>Pre-qualification Criteria:</u> a) Vendor shall confirm for supplying the Tube End Cover as per the Dimensions indicated against each item. b) Suppliers shall have supplied similar items as per the tendered specification. Past PO Copies (PO Date on or after 01.01.2016) to be attached.	
<b>2 BoQ Item No: 5 to 9:</b>		
2.1	Please confirm the supply of material as per external dia drawing number 6119-0122 Rev 08	
2.2	<u>Pre-qualification Criteria:</u> a) Vendor shall confirm for supplying the Tube End Cover as per the Dimensions indicated against each item. b) Suppliers shall have supplied similar items as per the tendered specification. Past PO Copies (PO Date on or after 01.01.2016) to be attached.	
<b>3 BoQ Item No: 10 to 43:</b>		
3.1	<u>Pre-Qualification Criteria:</u> a) Please confirm supply of material as per specification. b) Bidder should submit at least one PO copy for the plastic end cap supplied to any central/state Govt. Organisation / PSU / Public Listed company after Dec'19	
4	Quantity and specification as indicated in Annexure 1 (BoQ)	

Sign & Seal of bidder's  
authorised representative

## ANNEXURE 1

## BoQ

Sl. No.	Item Description	Quantity	UOM
1	TUBE END COVER INT DIA 30 TUBE END COVER INT DIA 30 BPS 6119-012-028	40000	Nos
2	TUBE END COVER INT DIA 39 TUBE END COVER INT DIA 39 BPS 6119-012-031	12000	Nos
3	TUBE END COVER INT DIA 54 TUBE END COVER INT DIA 54 BPS 6119-012-036	2500	Nos
4	TUBE END COVER INT DIA 60 TUBE END COVER INT DIA 60 BPS 6119-012-038	15000	Nos
5	TUBE END COVER EXT FOR OD 54 TUBE END COVER EXT FOR OD 54 BPS 6119012228	10000	Nos
6	TUBE END COVER EXT FOR OD 63.5 TUBE END COVER EXT FOR OD 63.5 BPS 6119012230	50000	Nos
7	TUBE END COVER EXT FOR OD 60.3 TUBE END COVER EXT FOR OD 60.3 6119 0122 36	2000	Nos
8	TUBE END COVER EXT OD 69.85 TUBE END COVER EXT OD 69.85 6119012231	10000	Nos
9	TUBE END COVER EXT FOR OD 76.1 TUBE END COVER EXT FOR OD 76.1 6119012232	5000	Nos
10	TUBE END CAP 14 mm INTERNAL TUBE END CAP - 14 mm. MADE OF VIRGIN QLTY LDPE RAW MATL TO IS 3389. DRG No. 30-ST-999.00-389 REV 00	9570	Nos
11	TUBE END CAP 16 MM INTERNAL TUBE END CAP DIA 16 mm. MADE OF VIRGIN QUALITY LDPE MATERIAL TO IS.3389 AS PER DRG No. 30-ST-999.00-389 REV 00	2030	Nos
12	TUBE END CAP 19 MM INTERNAL TUBE END CAPS DIA 19 mm. MATERIAL VIRGIN QUALITY WHITE LDPE TO IS.3389. AS PER DRG No. 30-ST-999.00-389 REV 00	3000	Nos
13	TUBE END CAP 20 MM INTERNAL TUBE END CAPS DIA 20 mm. MATERIAL VIRGINE QUALITY WHITE LDPE TO IS.3389. AS PER DRG No. 30-ST-999.00-389 REV 00	3500	Nos
14	TUBE END CAP 24 MM INTERNAL TUBE END CAPS DIA 24 mm. MATERIAL VIRGINE QUALITY WHITE LDPE TO IS.3389. AS PER DRG No. 30-ST-999.00-389	3000	Nos
15	TUBE END CAP 27 mm INTERNAL TUBE END COVER DIA 27 mm. MATERIAL VIGINE QUALITY WHITE LDPE TO IS.3389. DRAWING No. 30-ST-999.00-389 REV 00	2000	Nos
16	TUBE END CAP 28 MM INTERNAL TUBE END CAPSDIA 28 mm. MATERIAL VIRGINE QUALITY WHITE LDPE TO IS.3389. AS PER DRG No. 30-ST-999.00-389 REV 00	1000	Nos
17	TUBE END CAP 29 MM INTERNAL TUBE END CAP DIA 29 mm. MATERIAL VIRGINE QUALITY LDPE TO IS.3389 AS PER DRG No. 30-ST-999.00-389 REV 00	7750	Nos
18	TUBE END CAP 30mm INTERNAL TUBE END CAP 30 mm. MADE OF VIRGIN QLTY LDPE RAW MATL TO IS 3389 DRG No. 30-ST-999.00-389 REV 00	4480	Nos

## ANNEXURE 1

## BoQ

Sl. No.	Item Description	Quantity	UOM
19	TUBE END CAP 32 MM INTERNAL TUBE END CAPS DIA 32 mm. MATERIAL VIRGIN QUALITY WHITE LDPE MATERIAL TO IS.3389 AS PER DRG No. 30-ST-999.00-389 REV 00	3500	Nos
20	TUBE END CAP 34 MM INTERNAL TUBE END CAPS DIA 34 mm. MATERIAL VIRGINE QUALITY WHITE LDPE MATERIAL TO IS.3389 AS PER DRG No. 30-ST-999.00-389 REV 00	4000	Nos
21	TUBE END CAP 35 MM INTERNAL TUBE END CAPS DIA 35 mm. MATERIAL VIRGIN QUALITY WHITE LDPE MATERIAL TO IS.3389 AS PER DRG No. 30-ST-999.00-389 REV 00	15550	Nos
22	TUBE END CAP 36 mm INTERNAL TUBE END CAPS DIA 36 mm. MATERIAL VIRGIN QUALITY WHITE LDPE MATERIAL TO IS.3389. DRAWING No. 30-ST-999.00-389 REV 00	2700	Nos
23	TUBE END CAP 37 MM INTERNAL TUBE END CAP DIA 37 mm. MATERIAL VIRGINE QUALITY WHITE LDPE TO IS.3389 AS PER DRG No. 30-ST-999.00-389 REV 00	1000	Nos
24	TUBE END CAP 38 MM INTERNAL TUBE END CAP DIA 38 mm. MADE OF VIRGIN QUALITY LDPE MATERIAL TO IS.3389. AS PER DRG No. 30-ST-999.00-389 REV 00	2000	Nos
25	TUBE END CAP 39 MM INTERNAL TUBE END CAP DIA 39 mm. MADE OF VIRGIN QUALITY L.D.P.E RAW MATERIAL TO IS3389. AS PER THE DRAWING No. 30-ST-999.00-389 REV 00	2000	Nos
26	TUBE END CAP 41 MM INTERNAL TUBE END CAPS DIA 41 mm MATERIAL VIRGIN QUALITY WHITE LDPE TO IS.3389. AS PER DRG No. 30-ST-999.00-389	2000	Nos
27	TUBE END CAP 43 MM INTERNAL TUBE END CAP DIA 43 mm. MATERIAL VIRGIN QUALITY WHITE LDPE TO IS.3389. AS PER DRG No. 30-ST-999.00-389 REV 00	1000	Nos
28	TUBE END CAP 44 mm INTERNAL TUBE END CAPS DIA 44 mm. MADE OF VIRGIN QLTY LDPE RAW MATL TO IS 3389. DRG No. 30-ST-999.00-389 REV 00	4000	Nos
29	TUBE END CAP 45mm INTERNAL TUBE END COVER DIA 45 mm. MATERIAL VIRGIN QUALITY WHITE LDPE TO IS 3389. DRAWING No. 30-ST-999.00-389 REV 00	2000	Nos
30	TUBE END CAP 46 MM INTERNAL TUBE END CAPS DIA 46 mm. MATERIAL VIRGIN QUALITY WHITE LDPE TO IS 3389. DRG No. 30-ST-999.00-389 REV 00	4450	Nos
31	TUBE END CAP 47 MM INTERNAL TUBE END CAPS DIA 47 mm. MADE OF VIRGIN QLTY LDPE RAW MATL TO IS 3389 DRG No. 30-ST-999.00-389 REV 00	500	Nos
32	TUBE END CAP 48 mm INTERNAL TUBE END CAPS DIA 48 mm. MATERIAL VIRGIN QUALITY WHITE LDPE TO IS.3389. DRAWING No. 30-ST-999.00-389 REV 00	2000	Nos

## ANNEXURE 1

## BoQ

Sl. No.	Item Description	Quantity	UOM
33	TUBE END CAP 49 MM INTERNAL TUBE END CAPS DIA 49 mm. MATERIAL VIRGIN QUALITY WHITE LDPE TO IS.3389. AS PER DRG No. 30-ST-999.00-389 REV 00	3000	Nos
34	TUBE END CAP 50 MM INTERNAL TUBE END CAPS DIA 50 mm. MADE OF VIRGIN QLTY LDPE MATL TO IS 3389 AS PER DRG No. 30-ST-999.00-389 REV 00	1000	Nos
35	TUBE END CAP 51 MM INTERNAL TUBE END COVER DIA 51 mm. MADE OF VIRGIN QUALITY LDPE RAW MATERIAL TO IS 3389 DRAWING No. 30-ST-999.00-389 REV 00	2000	Nos
36	TUBE END CAP 52 MM INTERNAL TUBE END CAP DIA 52 mm. MADE OF VIRGINE QLTY L.D.P.E MATERIAL TO IS.3389. AS PER DRG No. 30-ST-999.00-389 REV 00	1200	Nos
37	TUBE END CAP 54mm INTERNAL TUBE END CAP DIA 54mm. MADE OF VIRGIN QLTY LDPE RAW MATL TO IS 3389 DRG No. 30-ST-999.00-389 REV 00	500	Nos
38	TUBE END CAP 59 MM INTERNAL TUBE END CAP DIA 59mm. MADE OF VIRGIN QLTY LDPE RAW MATL TO IS 3389. AS PER DRG No. 30-ST-999.00-389 REV 00	11950	Nos
39	TUBE END CAP 60 MM INTERNAL TUBE END CAP DIA 60 mm. MADE OF VIRGIN QLTY LDPE RAW MATL TO IS 3389 AS PER DRG No. 30-ST-999.00-389 REV 00	2000	Nos
40	TUBE END CAP 63mm INTERNAL TUBE END CAP DIA 63 mm. MADE OF VIRGIN QLTY LDPE RAW MATL TO IS 3389 AS PER DRG No. 30-ST-999.00-389 REV 00	1000	Nos
41	TUBE END CAP 24 MM INTERNAL TUBE END CAPS DIA 24 mm. MATERIAL VIRGINE QUALITY WHITE LDPE TO IS.3389. AS PER DRG No. 30-ST-999.00-389	9000	Nos
42	TUBE END CAP 26 MM INTERNAL TUBE END CAP DIA 26 mm. MADE OF VIRGIN QLTY LDPE RAW MATL TO IS 3389. AS PER DRG No. 30-ST-999.00-389 REV 00	25000	Nos
43	TUBE END CAP 29 MM INTERNAL TUBE END CAP DIA 29 mm. MATERIAL VIRGINE QUALITY LDPE TO IS.3389 AS PER DRG No. 30-ST-999.00-389 REV 00	9000	Nos

REV	09
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**DRAWING NO:**



**NOTE-2**

**NOTES:-**

1. STAMP THE EMBLEM ACCORDING TO AA-040 11 21 IN THE DIRECTION 'X'.
2. STAMP THE APPROPRIATE NOM. SIZE IN THE DIRECTION 'X'.
3. MATERIAL: UREA FORMALDEHYDE CONFIRMING TO IS:3389 (OR) POLY VINYL CHLORIDE (PVC) (OR) HIGH DENSITY POLY ETHYLENE (HDPE).
4. THE TUBE END COVERS SHALL BE FLEXIBLE TO FIT SNUGLY IN TO THE TUBE AND WITHSTAND SHOCK DURING TRANSIT OF THE TUBES.
5. COLOUR: THE TUBE END COVERS SHALL BE OF WHITE IN COLOUR OF VIRGIN QUALITY MATERIAL.
6. THE CORNERS SHALL BE SUITABLY RADIUSSED.
7. SPECIFICATION SHALL BE EMBOSSED ON INNER SURFACE OF THE END CAP AND NEAR TO SIZE OF THE CAPS AS FOLLOWS:  
FOR SPECIFICATION:  
i) UREA FORMALDEHYDE CONFIRMING TO IS:3389 ----- EMBOSSED AS "UF".  
ii) POLY VINYL CHLORIDE ----- EMBOSSED AS "PVC".  
iii) HIGH DENSITY POLY ETHYLENE ----- EMBOSSED AS "HDPE".

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT



**CAUTION:** The information on this document is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be used directly or indirectly in any way detrimental to the interest of the company.

REV 03	DATE 26.04.16	ALTERED CHD & APPD : N.K	REV 02	DATE 01.07.93	ALTERED CHD & APPD : T.K	REV 01	DATE 31.03.83	ALTERED CHD & APPD : T.K
ZONE			ZONE			ZONE		
NOTE NO. 3 & 5 ALTERED			NOTE 5 ALTERED, LETTER REF. NO. MM-14P1BPS0764 DATED 18.04.93			EMBLEM SIZE IS WAS 25		
NOTE NO. 7 ADDED.						WIDTH SIZES REINTRODUCED.		
CONVERTED TO AUTOCAD DWG.								

EMBLEM SIZE 15 WAS 25  
WIDTH SIZES REINTRODUCED.

NOTE NO. 3 & 5 ALTERED  
NOTE NO. 7 ADDED.  
CONVERTED TO AUTOCAD DWG

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 <b>Bharat Heavy Electricals Ltd</b> * TIRUCHIRAPPALLI - 620014		DRAUGHTING NO : <b>6119-0120</b>		REV	03
TUBE END COVER (INTERNAL TYPE)	REF TO ASST / OLD DWG BPS 517501	DATE 01.09.1982	SIGNATURE -SD-		
WEIGHT (Kg) REFER UNIT WT.	NTS	DWM END	NAME G.D.N T.K S.K	DATE 01.09.1982	SIGNATURE -SD-
SCALE 	PROLATION ARE IN MM	APPD	DATE 01.09.1982	SIGNATURE -SD-	DATE 01.09.1982
SS 8.90	ALL DIMENSIONS 355-004				

TUBE END COVER  
(INTERNAL TYPE)

12

A

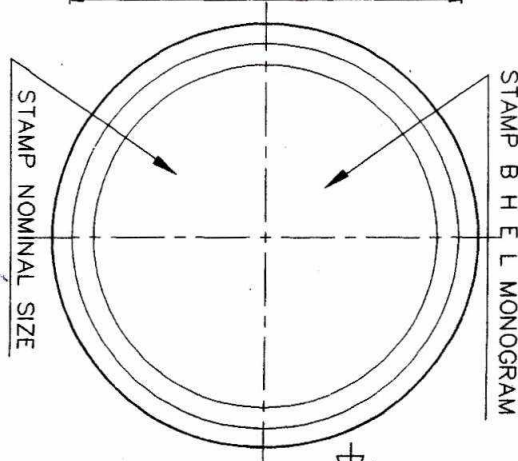
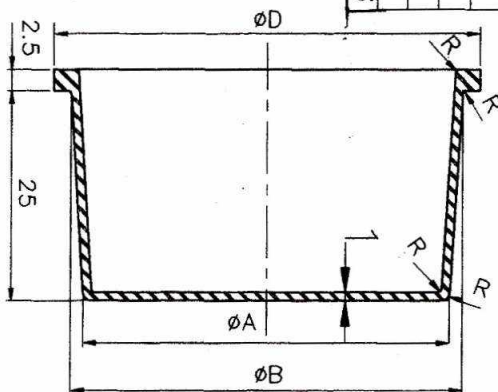
# HEL

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ALL DIMENSIONS ARE IN MILLIMETERS

SL No	NOM. SIZE	A	B	D	SL No	NOM. SIZE	A	B	D
01	10	8.5	11.5	15.5	46	55	53.5	56.5	60.5
02	11	9.5	12.5	16.5	47	56	54.5	57.5	61.5
03	12	10.5	13.5	17.5	48	57	55.5	58.5	62.5
04	13	11.5	14.5	18.5	49	58	56.5	59.5	63.5
05	14	12.5	15.5	19.5	50	59	57.5	60.5	64.5
06	15	13.5	16.5	20.5	51	60	58.5	61.5	65.5
07	16	14.5	17.5	21.5	52	61	59.5	62.5	66.5
08	17	15.5	18.5	22.5	53	62	60.5	63.5	67.5
09	18	16.5	19.5	23.5	54	63	61.5	64.5	68.5
10	19	17.5	20.5	24.5	55	64	62.5	65.5	69.5
11	20	18.5	21.5	25.5	56	65	63.5	66.5	70.5
12	21	19.5	22.5	26.5	57	66	64.5	67.5	71.5
13	22	20.5	23.5	27.5	58	67	65.5	68.5	72.5
14	23	21.5	24.5	28.5	59	68	66.5	69.5	73.5
15	24	22.5	25.5	29.5	60	69	67.5	70.5	74.5
16	25	23.5	26.5	30.5	61	70	68.5	71.5	75.5
17	26	24.5	27.5	31.5	62	71	69.5	72.5	76.5
18	27	25.5	28.5	32.5	63	72	70.5	73.5	77.5
19	28	26.5	29.5	33.5	64	73	71.5	74.5	78.5
20	29	27.5	30.5	34.5	65	74	72.5	75.5	79.5
21	30	28.5	31.5	35.5	66	75	73.5	76.5	80.5
22	31	29.5	32.5	36.5	67	76	74.5	77.5	81.5
23	32	30.5	33.5	37.5	68	77	75.5	78.5	82.5
24	33	31.5	34.5	38.5	69	78	76.5	79.5	83.5
25	34	32.5	35.5	39.5	70	79	77.5	80.5	84.5
26	35	33.5	36.5	40.5	71	80	78.5	81.5	85.5
27	36	34.5	37.5	41.5	72	81	79.5	82.5	86.5
28	37	35.5	38.5	42.5	73	82	80.5	83.5	87.5
29	38	36.5	39.5	43.5	74	83	81.5	84.5	88.5
30	39	37.5	40.5	44.5	75	84	82.5	85.5	89.5
31	40	38.5	41.5	45.5	76	85	83.5	86.5	90.5
32	41	39.5	42.5	46.5	77	86	84.5	87.5	91.5
33	42	40.5	43.5	47.5	78	87	85.5	88.5	92.5
34	43	41.5	44.5	48.5	79	88	86.5	89.5	93.5
35	44	42.5	45.5	49.5	80	89	87.5	90.5	94.5
36	45	43.5	46.5	50.5	81	90	88.5	91.5	95.5
37	46	44.5	47.5	51.5	82	91	89.5	92.5	96.5
38	47	45.5	48.5	52.5	83	92	90.5	93.5	97.5
39	48	46.5	49.5	53.5	84	93	91.5	94.5	98.5
40	49	47.5	50.5	54.5	85	94	92.5	95.5	99.5
41	50	48.5	51.5	55.5	86	95	93.5	96.5	100.5
42	51	49.5	52.5	56.5	87	96	94.5	97.5	101.5
43	52	50.5	53.5	57.5	88	97	95.5	98.5	102.5
44	53	51.5	54.5	58.5	89	98	96.5	99.5	103.5
45	54	52.5	55.5	59.5	90	99	97.5	100.5	104.5

SL No	NOM. SIZE	A	B	D
91	100	98.5	101.5	105.5
92	101	99.5	102.5	106.5
93	102	100.5	103.5	107.5
94	103	101.5	104.5	108.5
95	104	102.5	105.5	109.5
96	105	103.5	106.5	110.5
97	106	104.5	107.5	111.5
98	107	105.5	108.5	112.5
99	108	106.5	109.5	113.5
100	109	107.5	110.5	114.5
101	110	108.5	111.5	115.5
102	111	109.5	112.5	116.5
103	112	110.5	113.5	117.5
104	113	111.5	114.5	118.5
105	114	112.5	115.5	119.5
106	115	113.5	116.5	120.5
107	116	114.5	117.5	121.5
108	117	115.5	118.5	122.5
109	118	116.5	119.5	123.5
110	119	117.5	120.5	124.5
111	120	118.5	121.5	125.5
112	9	7.5	10.5	13.5



MATERIAL: VIRGIN QUALITY WHITE LDPE TO IS: 3389  
HARDNESS : 80 TO 90° SHORE A

<b>Bharat Heavy Electricals Ltd</b> SEAMLESS STEEL TUBE PLANT TIRUCHIRAPALLI - 620014		DEPT T E GRADE OF UNITOL DIM C/M/F		SCALE N T S		WEIGHT(kg)	
DRN	NAME R. KUMAR	SIGNATURE <i>R. Kumar</i>	DATE 13.7.95	CHD	P. GANESAN	REF TO ASSY DWG NO <i>6pdt</i>	ITEM NO 140816
APPRO				REF TO OLD DWG NO			
TITLE <b>INTERNAL END PLUG</b> (FOR FINISHED TUBE)				CARD CODE U 01	DRAWING NO : <b>30-ST-999.00-389</b>		
				REV	00		