

General Note: **BHARAT HEAVY ELECTRICALS LIMITED**

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(A Government of India Undertaking)
 HIGH PRESSURE BOILER PLANT
 PURCHASE DEPARTMENT - FOSSIL BOILERS
 THIRUCHIRAPALLI - 620014
 TAMILNADU (INDIA)

PHONE : 0431-2577938
 GRAMS : BHARATELEC
 FAX NO: 0431-2520719
 E-mail :
 Web :

429-002/A

OFFICE COPY	Collective No.	Enquiry Date	Due Date For Quotation
	2661800238	19.06.2018	30.06.2018
Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order			

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
10	BALL SCREW ROD&NUT ASSY 3M14A0115102 BALL SCREW ROD AND NUT ASSY. AS PER DRG NO. 3M14A0115102 COMMON NOTE: (1) ALL DRAWINGS GIVEN FOR REFERENCE ONLY. (2) SUPPLIER SHALL PREPARE THEIR DRAWING WITH REFERENCE TO BHEL DRAWING AND GET APPROVAL BEFORE MANUFACTURING. (3) ACCURACY LEVEL IS C3. (4) SUPPLIER TO SUBMIT LASER CALIBRATION REPORT ALONG WITH DELIVERY OF BALLSCREW RODS. VENDOR QUALIFYING CRITERIA: Only those vendors who satisfy the following conditions will get qualified to participate in the tender: (1) Vendor should have minimum 2 years of experience in this field. (2) Previous PO details for supplying similar kind of items to BHEL and/or any-other Organisation should be submitted along with offer. (Otherwise offer will be rejected.) (3) Company profile details has to be provided along with offer. (4) BHEL may visit the vendor's works for verifying the manufacturing facilities and any other credential furnished by the vendor. In case the information furnished with the offers found to be false /incorrect, the offer shall be rejected.	NO	2.000	2.00	11.08.18
20	BALL SCREW ROD&NUT ASSY 3M01B2815110 BALL SCREW ROD AND NUT ASSY AS PER DRG NO:3M01B2815110	NO	1.000	1.00	11.08.18
30	BALL SCREW ROD&NUT ASSY 3M01B2014065 BALL SCREW ROD AND NUT ASSY	NO	2.000	2.00	11.08.18

The offers should reach us 30 minutes before the time of opening of tenders.
 The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

Yours faithfully,
 For **BHARAT HEAVY ELECTRICALS LIMITED**

 MANAGER / PURCHASE
 (FOSSIL BOILERS)



BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)
HIGH PRESSURE BOILER PLANT
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429-002/A

2661800238 / 19.06.2018

23505

AS PER DRG NO:3M01B2014065

General Note:

GENERAL NOTE:

PLEASE SUBMIT YOUR OFFER IN TWO PART BID SYSTEM

Enclosures:

"LD clause has to be confirmed without fail."

The bidder along with its associate / collaborators / sub-contractors / sub-vendors / 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 any fraud or suspected fraud as soon as it comes to their notice.

PR Links

Material.	PR.No	PR.Item.	Quantity	Acc. Assign	Customer Number
	89891214	00010	2.000	/000000	
	89891214	00020	1.000	/000000	
	89891214	00030	2.000	/000000	

list of suppliers

RFQ-5200007215

Open Tender Dummy Code

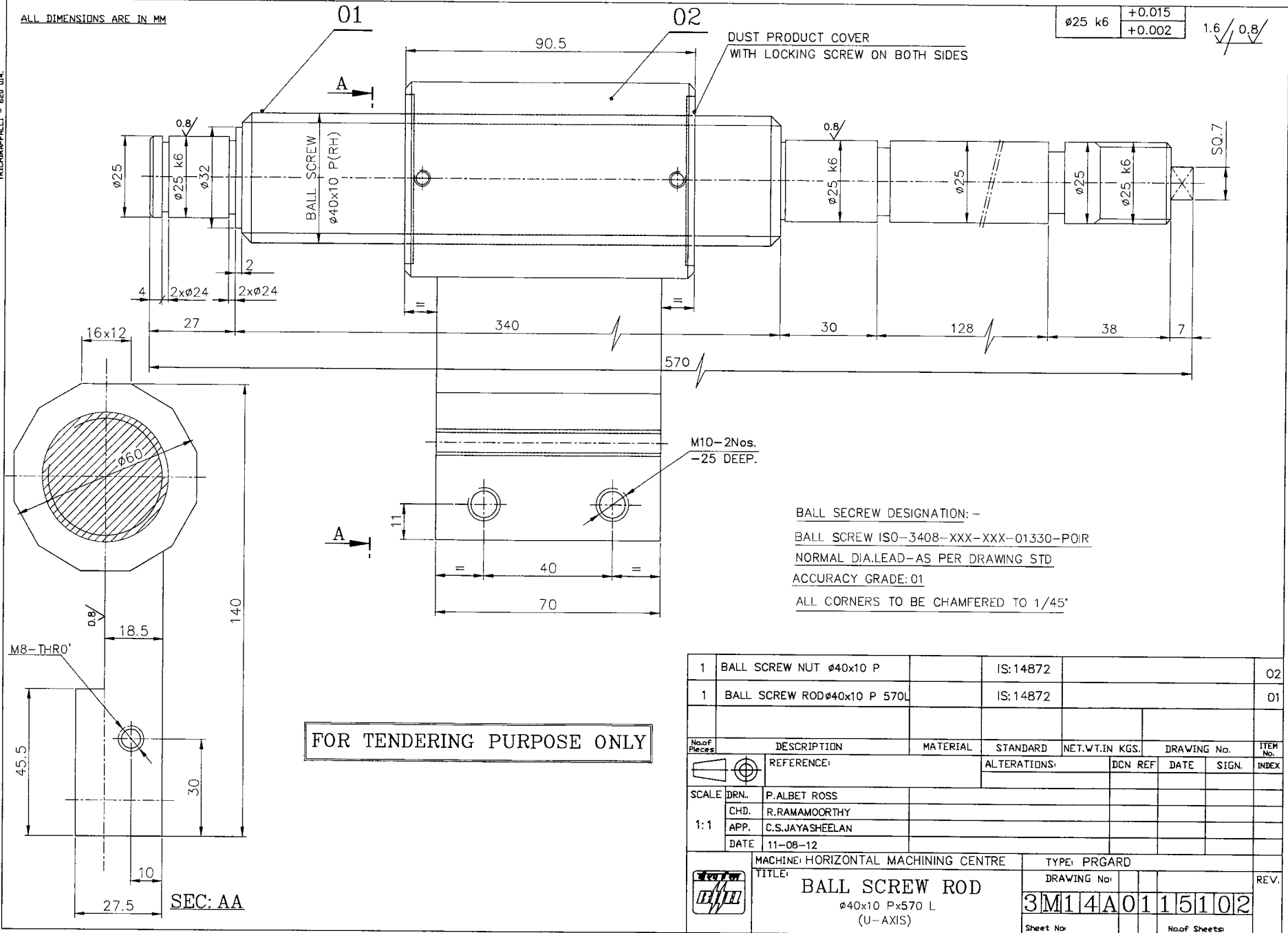
The offers should reach us 30 minutes before the time of opening of tenders.
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For BHARAT HEAVY ELECTRICALS LIMITED

MANAGER / PURCHASE
(FOSSIL BOILERS)
Yours faithfully,

CAUTION: THIS DRAWING IS OUR SOLE PROPERTY AND SHOULD NOT BE USED IN ANY FORM FOR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION OF BHARAT HEAVY ELECTRICALS LIMITED
 TECHNOPARK - 660 004

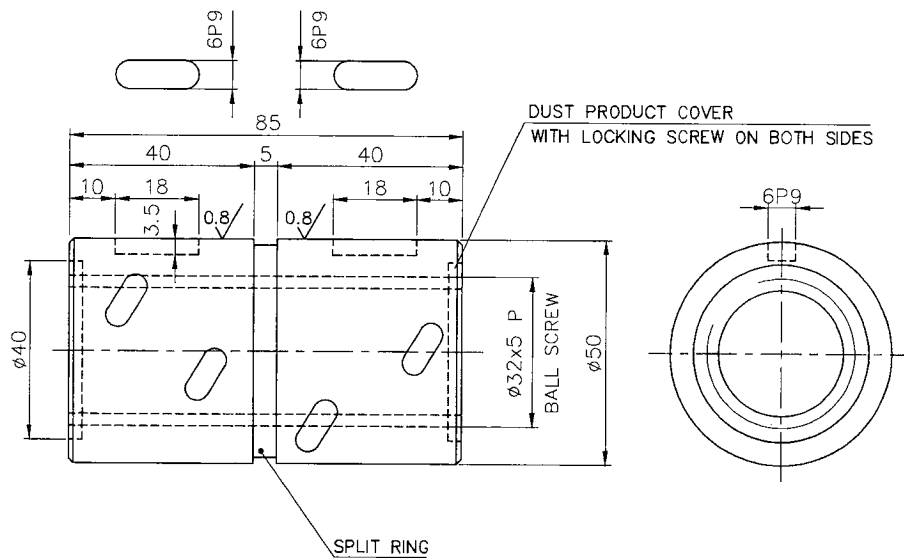
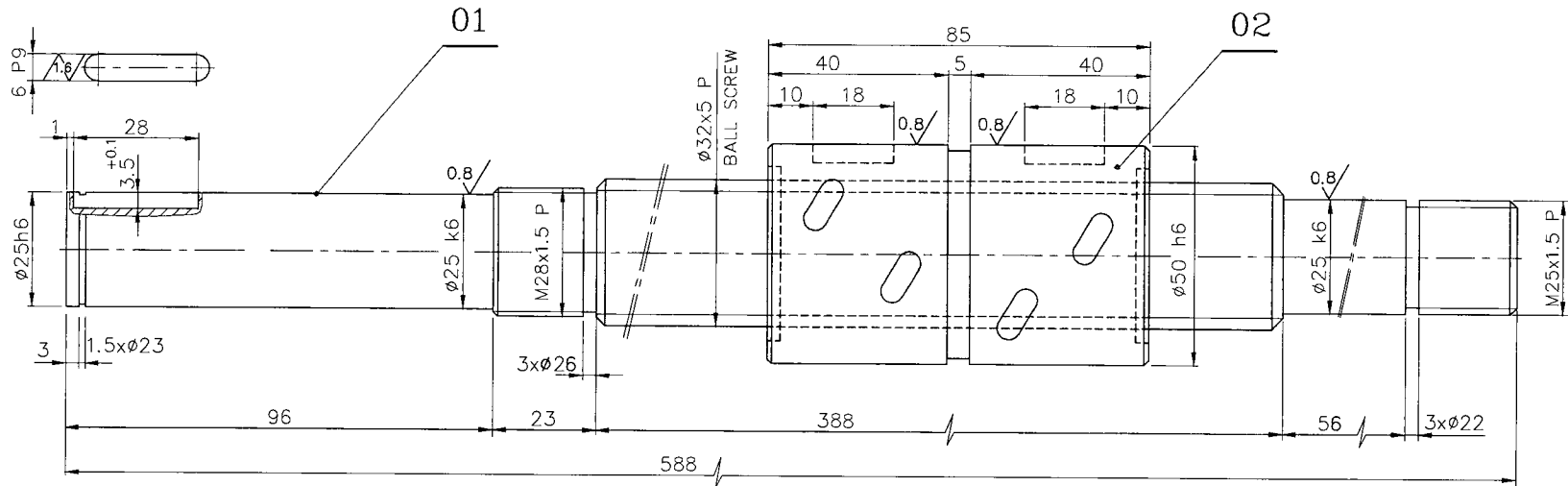
ALL DIMENSIONS ARE IN MM



THIS DRAWING IS OUR SOLE PROPERTY AND SHOULD NOT BE USED IN ANY FORM FOR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION OF BHARAT HEAVY ELECTRICALS LIMITED TRICHIRAPPALLI - 620 014.

ALL DIMENSIONS ARE IN MM

ø25 h6	-0.000	ø50 h6	-0.000	6 P9	-0.012	ø25 k6	+0.015
	-0.013		-0.019		-0.042		+0.002

~~1.6 0.8~~

ITEM No.02 DETAIL

BALL SCREW DESIGNATION:—

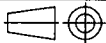
BALL SCREW ISO-3408-XXX-XXX-01330-POIR

NORMAL DIA.LEAD-AS PER DRAWING STD

ACCURACY GRADE: 01

ALL CORNERS TO BE CHAMFERED TO 1/45°

FOR TENDERING PURPOSE ONLY

1	BALL SCREW NUT #32x5 P- 85 L		IS:14872				02
1	BALL SCREW ROD #32x5 P 591L		IS:14872				01
No of Pieces		DESCRIPTION	MATERIAL	STANDARD	NET.WT.IN KGS.	DRAWING No.	ITEM No.
		REFERENCE:	ALTERATIONS:	DCN REF	DATE	SIGN.	INDEX
SCALE	DRN..	G.Govindaraj					
	CHD.	R.Ramamoorthy					
1:1	APP.	K.Ramanan					
	DATE	27-05-13					
MACHINE: CNC HORIZONTAL BORING M/C				TYPE:	BMT 150		
				TITLE: BALL SCREW ROD #32x5 Px588 L (U-Axis)			REV.
				DRAWING No:			
				3M01B28151110			
				Sheet No:			
				No of Sheets:			

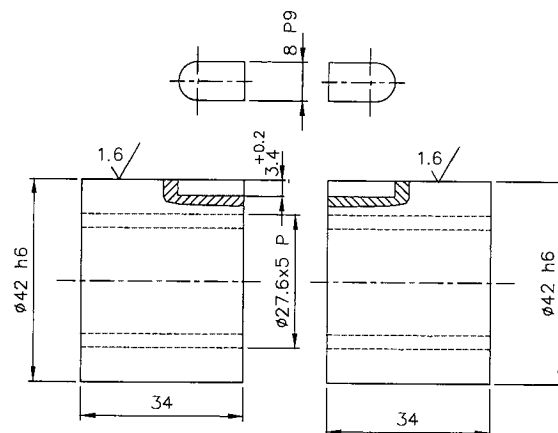
CAUTION:

Technical drawing of a mechanical assembly (Fig. 1.1) showing a cross-section of a shaft with various components and dimensions. The drawing includes a detailed view of a split ring and a ball screw. Key dimensions include diameters (e.g., 20h6, 25h6, 30, 42h6, 22h6), lengths (e.g., 22, 69, 36, 127, 4, 7, 368, 174, 20, 700), and tolerances (e.g., +0.2, -0.4, 1.6, 0.8). Labels include 'M20X1.5P', 'SPLIT RING', 'BALL SCREW 27.6x5P', and callouts '01' and '02'.

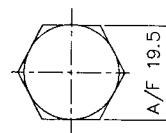
8P9	-0.015	ø22h6	-0.000	3.2 $\sqrt{1.6}$ $\sqrt{0.8}$
	-0.051	ø25h6	-0.013	
ø42 h6	-0.000	ø20j6	+0.009	
	-0.016		-0.004	

ACCURACY GRADE: 01

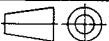
FOR TENDERING PURPOSE ONLY



ITEM No.02



VIEW-P

02	BALL SCREW NUT $\phi 27.6 \times 5P-34L$		IS: 14872			02
01	BALL SCREW ROD $\phi 27.6 \times 5P \times 700L$		IS: 14872			01
No. of Pieces	DESCRIPTION	MATERIAL	STANDARD	NET WT. IN KGS.	DRAWING No.	ITEM No.
	REFERENCE: LOC. NO. 4807 2935		ALTERATIONS:	DCN REF	DATE	SIGN.
SCALE	DRAWN	P. A. ROSS				
1:1	CHECKED	R. RAMAMOORTHY				
	APPROVED	C. S. JAYASHEELAN				
	DATE	05-02-10				
MACHINE: HORIZONTAL BORING			TYPE: SACEM-MSMG-125			
TITLE: BALL SCREW ASSY. $\phi 27.6 \times 5P \times 700L$ (FACE PLATE ASSY.)			DRAWING No:			REV
			3M01B2014065			
			Sheet No:			No. of Sheets:

Annexure For Techno Commercial Bid

Check List - to be filled and submitted along with Technical Bid

BHEL Commercial Terms and Conditions for Indigenous Supplies	Vendor's Confirmation / Comments
Technical confirmation to BHEL's Specification as called for in BHEL Format shall be furnished. If needed additional sheets shall be used.	
Prices shall be quoted item wise only as per the model format enclosed	
Prices shall be quoted on "FIRM PRICE" basis only The prices should be only on F.O.R / Despatching station basis with Packing & Forwarding charges if any. Applicable % of ED & Sales Tax, Freight & Insurance, Installation & Commissioning Charges should be clearly Indicated	
Validity of offer shall be for a minimum period of 120 days from the date of Tender opening	
Delivery period from the date of Letter of Intent / Purchase order shall be clearly mentioned in the offer	
Liquidated damages @ '0.5% per week subject to a maximum of 10% of the order value shall be applicable for delay in deliveries For Details Refer Annexure- v	
Following Risk Purchase clause shall be applicable The purchaser at his option will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the supplier has failed to deliver or dispatch within the time stipulated or if the same were not available, the best and the nearest available substitute therefore The supplier shall be liable for any loss which the Purchaser may sustain by reason of such risk purchases	
Payment term for supply portion: Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials For details Refer Annexure- v	
Erection / commissioning: (if applicable only) Erection / commissioning charges if any has been mentioned in the offer or else confirmation that Erection / commissioning shall be done at free of cost is available in the offer,	
The equipment shall be <u>guaranteed for a period of 12 months from the date of commissioning</u>	
Final inspection and acceptance of equipment will be after installation at BHEL, Trichy	
The vendor shall provide necessary drawings, Test Certificates and Operating Maintenance Manuals etc., as called for in the Technical Specification, in the required number of copies at no extra cost	
Any warranty replacement during warranty period shall be supplied free of charge on FOR BHEL, Trichy basis.	
Offers should be submitted only in sealed cover super-scribing clearly the Enquiry reference and due date.	
GST in %	
Packing & Forwarding Charges (if any in % only)	
Percentage of Freight& transit insurance charges, if any Freight charges from Dispatching station to BHEL, Tiruchirappalli • Supplier should quote for F.O.R-BHEL Trichy Stores.	
As per Commercial terms and conditions, acceptance for participation in Reverse auction (RA).Yes/No to be indicated	
Name of the person for participating reverse auction	
Land Line Number	
Fax Number	
Mobile Number	
E-mail ID	

NOTE:-

- It is confirmed that all the terms and conditions stipulated In the Enquiry have been fully understood by us and all clarifications & details have been obtained.
- Your specific acceptance to our Payment terms, LD & Risk Purchase Clause are essential for consideration of your offer. Other wise your offer is liable for rejection.
- No row shall be left blank. Please indicate NA, in case the item is "not applicable"

Annexure For Price Bid

Bharat Heavy Electricals Limited TIRUCHIRAPPALLI
MODEL PRICE BID FORMAT FOR INDIAN BIDDERS

CAPITAL PURCHASE
Annexure-IV

Enquiry No. & Date:
Bidder's Offer No. & Date:

SI No	Description of item	Unit	Quantity	Rate in Rs.	Value in Rs.	
	TOTAL VALUE IN RS.					
	Packing & Forwarding charges in % if any					
	Freight & Insurance Charges In % if freight charges are not mentioned it will be considered as FOR-BHEL TRICHY.					
	GST (indicate in %)					
	Approximate Net weight of the total consignment					
	Approximate Gross weight of the total consignment					
	Approximate Dimensions of the Consignment					
	The price indicated shall be inclusive of all accessories, spares etc. as given in the scope of supply. Individual item-wise break-up price shall be attached as an annexure to this price bid format.					

Signature & Seal of Vendor

NOTE:

- 1. The price bid should be submitted only as per the above format. No row shall be left blank. Please indicate NA, in case the item is "not applicable"**
- 2. Prices shall be quoted item-wise only as per the above format.**

Payment Term (Indigenous)	
If materials are receivable at Stores/Trichy without PBG	Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials.
If materials are receivable at Stores/Trichy with PBG	Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials and against 10% PBG valid for the warranty period.
Any deviation in the above payment term will attract loading as mentioned below. “Base rate of SBI (as applicable on the date of bid opening. Techno-commercial bid opening in case of two part bids) + 6% shall be considered for loading for the period of relaxation sought by bidders.	

Payment through Bank is not preferred. In case of Payment through Bank is opted by Supplier, BHEL prefers documents submission through bank with copy of LR and door delivery of Goods to Site/Stores with Consignee copy attached. In this case Loading will be 3% on the offered value.

Offers of indigenous Suppliers with payment terms as LC/Advance Payment are liable for rejection.

Liquidated Damages / Penalty -

Liquidated damages shall be 0.5% of the total order value per week or part thereof subject to a maximum of 10% of the total order value.

For staggered delivery schedule, LD shall be 0.5% of the undelivered portion per week of the delay or part thereof subject to a maximum of 10% of the total order value.

Any deviation from the above LD clause, loading will be applied to the extent to which it is not agreed by the bidder (at offered value).

Guarantee / Warranty Period – (if applicable)

Normally No deviation permitted and the deviated offers are liable for rejection.

Ranking-

BHEL will consider the ranking after the loading is applied as referred above wherever deviations are observed.

Performance Bank Guarantee – (if applicable)

Normally No deviation permitted and the deviated offers are liable for rejection.

NOTE:-

1. If the due date of tender opening happens to be a holiday, the tenders will be opened on the next working day.
2. BHEL reserves the right to go for a reverse auction (RA) instead of opening the submitted sealed bid which will be decided after technical evaluation. Information and general terms and conditions covering RA are given in commercial terms and conditions.
3. Corrigendum if any, with respect to this tender will be hosted only in the website <http://www.bhel.com> or <http://tenders.gov.in>. You are requested to visit the website regularly for updates.

Special Provisions for Micro and Small Enterprises (MSE)

1. 20% of the tendered quantity is earmarked for MSE suppliers in this tender.
2. Out of the 20% tendered quantity reserved for MSE suppliers, 4% shall be earmarked for procurement from MSE owned by SC/ST entrepreneurs.
3. In case MSE vendor participating in the tender quotes within the price band of L1+15%, they will be allowed to supply the portion of the requirement subject to acceptance of L1 price by MSE vendor. In case of more than one such MSE, the supply shall be shared proportionately.
4. "MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM-II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (Format enclosed at Annexure -VII where deemed validity of EM II certificate of five Years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. If the tender is to be submitted through e-procurement portal, then the above required documents are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted officer."

Certificate by Chartered Accountant on letter head

This is to Certify that M/S
(hereinafter referred to as 'company') having its registered office at
..... is registered under MSMED Act 2006, (Entrepreneur
Memorandum No (Part-II) dtd:.....,
Category: (Micro/Small)). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as on
date..... as per MSMED Act 2006 is as follows:

1. **For Manufacturing Enterprises:** Investment in plant and machinery (i.e. original cost
excluding land and building and the items specified by the Ministry of Small Scale Industries vide its
notification No.S.O.1722(E) dated October 5, 2006 :
Rs.....Lacs
2. **For Service Enterprises:** Investment in equipment (original cost excluding land and building and
furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED
Act, 2006:
Rs.....Lacs

The above investment of Rs.....Lacs is within permissible limit of
Rs.....Lacs forMicro / Small (Strike off which is not applicable)
Category under MSMED Act 2006.

Date:

(Signature)

Name -

Membership number -

Seal of Chartered Accountant