

HOSTING DETAILS	
Email offer send to: tender_cell@bheltry.co.in	REMARKS
DESCRIPTION	
Contact Person/Address	MD IMRAN Sr.Engineer/Purchase/Valves
Approved By	S Siyamala/DGM/Valves/Purchase
Email	mdimran@bheltry.co.in
	sksharma@bheltry.co.in
Telephone	0431 2577923/7715
Fax	Not applicable
Notification (Reference) NO.	EN-BSK-157 DT:27.09.2017
Tender Title	Barstock DIA60- A681-H12
Tender Type	BUY/SERVICE CONTRACT/WORK CONTRACT
BRIEF DESCRIPTION	Barstock DIA60- A681-H12
Published in Newspaper	NA
Published On	-
Tender Value in Rs.	-
EMD Value – Rs.	Not applicable
Document Cost – Rs.	Not applicable
Date of Issue of Notification – DD/MM/YY	-
Date of Closure of Sale of Forms – DD/MM/YY	Not applicable
Completed Forms to be submitted by – DD/MM/YY	Not applicable
Date of Opening of Bid– DD/MM/YY	20/10/2017

Brief Details:

TYPE OF TENDER : OPEN TENDER

TENDER OPENING DATE : 20.10.2017

NUMBER OF BIDS : TWO PART BIDS

DELIVERY PERIOD : 12 weeks

LD : As Per BHEL LD Clause

Payment Terms : 100% payment after 45 days of acceptance of materials.

Delivery Terms : FOR/ BHEL (Stores), TRICHY-14 / CFR, Chennai (As applicable)

Tender forwarding Address:

ENQ.NO: EN-BSK-157 DUE DT: 20.10.2017

TENDER ROOM NO: 26,
 BHEL, ADMIN 24 BLDG,
 GROUND FLOOR,
 BHEL, TRICHY-14
 0431-2577742/7424

**General Note: BHARAT HEAVY ELECTRICALS LIMITED**

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

PHONE : 91-44-28158821
GRAMS : BHARATELEC
FAX NO: 910431/520730
E-mail :
Web :

434-003/A

Collective No.	Enquiry Date	Due Date For Quotation
EN-BSK-157	27.09.2017	20.10.2017
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	DIA 60 - A681-H12 150273400000 TDC:0:319/00 A681-H12	KG	3157.400	3,157.40	15.12.17

General Note:

- EN-BSK-157 Dtd. 27.09.2017

- Please submit your offer in two bid system.

- Indigenous Vendors shall give quotation on FOR BHEL Trichy Stores basis.

- Import vendors shall give quotation on CFR Chennai Sea port basis.

- Applicable Payment Terms :-

Indigenous - 100% direct payment term after 45 days on acceptance of material at BHEL Trichy QC.

For import - 100% payment on CAD basis after 45 days from the date of receipt of documents specified in PO at BHEL Bank.

- Inspection at BHEL Trichy.

- The delivery period is within 12 Weeks from the date of Purchase Order.

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

- The offers will be evaluated on the basis of Landed cost (Taxes & Duties applicable as per the location of the bidder).

- Quoted rates shall be per Kgs rate and the prices shall be valid for a period of 60 days from the date of Techno-commercial bid opening.

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.

*Md. Imran***Md. IMRAN**

Sr. Engineer

Yours faithfully,

Purchase Valves

For BHARAT HEAVY ELECTRICALS LIMITED
BHEL, TRICHY - 620 014.MANAGER / PURCHASE
(Valves)



434-003/A
Dt: 31.08.16

BHARAT HEAVY ELECTRICALS LIMITED

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

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EN-BSK-157 / 27.09.2017

23505

- All other terms and conditions shall be as per Annexure - A

- Attachemnts:

GENERAL TERMS AND CONDITIONS.

TDC:0:319/00

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.	Quanity	Acc. Assign	Customer Number
150273400000	119703510	00010	3157.400	/000000	

list of suppliers

RFQ-5200006375

Open Tender Dummy Code

Md. Imran

Md. IMRAN

Sr. Engineer

Valves

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.

For BHARAT HEAVY ELECTRICALS LIMITED
BHEL, TRICHY - 620014.

MANAGER / PURCHASE
(Valves)

	BHEL – Tiruchirappalli - 620014, India. Quality Assurance Department TECHNICAL DELIVERY CONDITIONS	DOC No: TDC:0:319 Rev: 00 Effective Date: 19/09/2017 Page: 1 of 2
Product: ROUND BARS FOR THE MANUFACTURE OF SHSV SPRINGS FOR AUSC APPLICATION		

Revision record:

Date-19/09/2017: Fresh issue

1. MATERIAL SPECIFICATION: {Latest on date of Purchase Order (PO)}

Steel Grade : ASTM A681-H12
Additional Requirement : As listed below (Supplementary to above material specification)
Size and Qty. : As per Purchase order (PO)

2. CHEMICAL COMPOSITION AND PROCESS:

Ladle and product analysis shall be done as per material specification.

3. DIMENSIONAL TOLERANCES:

Permissible variations for dimensions shall not exceed the applicable limits stated in material specification.

4. HEAT TREATMENT:

The Bars shall be supplied in Annealed condition.

5. MECHANICAL TESTS:

Macrostructure, decarburization and hardness shall be as per material specification. Hardness test for quenched and tempered condition on a sample piece shall be performed as per A681 and shall meet the requirements stated in this standard. In addition, hardness test shall be performed on a sample in quenched and double tempered condition at 600° C. Heat treatment charts shall be furnished in both the cases.

6. NON DESTRUCTIVE TEST:

UT shall be done on bars (used for springs) of diameter>40mm as per ASTM A388 & with acceptance as per ASME Sec VIII Div. 2 Cl 3.3.4.

7. FINISH AND REPAIR:

All alloy tool steels shall be free of heavy scale, deep pitting, laps, porosity, injurious segregations, excessive nonmetallic inclusions, seams, cracks, checks, slivers, scale marks, dents, soft and hard spots, pipes, or any defects that would detrimentally affect the suitability of the material after removal of the recommended stock allowance.

8. MARKING:

Details of stamping on each bar with low stress stamps and bordered by paint: Heat/melt number; material specification and grade; Size; Maker's emblem/code & Inspection Authority's seal.

9. INSPECTION AND CERTIFICATION:

For IBR Items: Products shall be inspected at supplier's works/mill and the applicable IBR Form must be signed by the Inspecting Authority as indicated below in case the supplier's works/mill is not recognised as a "Well known Forger/Steel maker" under IBR:

- **Imported Items:** Inspecting Authority approved by IBR for the Country of origin.
- **Indigenously Supplied items:** Director of Boilers/Chief Inspector of Boilers/Inspecting Authority approved by IBR, for the respective state in India.

Certification in IBR Form IV for IBR items from "IBR-Well Known Forger/Steel Maker" or "Inspecting Authority", as applicable, to be submitted. IBR Form IV & separate Test certificate in English language with following details, shall accompany the product.

The manufacturer shall submit necessary test certificates, in English, with the following details:

- a) Purchase Order No. (BHEL PO only), TDC No. & its Revision No., Test certificate No. & Date,

	BHEL – Tiruchirappalli - 620014, India. Quality Assurance Department TECHNICAL DELIVERY CONDITIONS	DOC No: TDC:0:319 Rev: 00 Effective Date: 19/09/2017 Page: 2 of 2
Product: ROUND BARS FOR THE MANUFACTURE OF SHSV SPRINGS FOR AUSC APPLICATION		

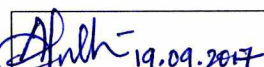
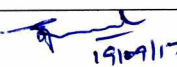
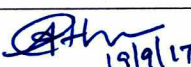
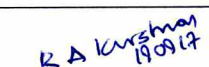
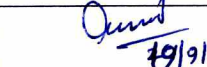
- b) Quantity and size, Material Specification and Grade with applicable year of code, Heat Number, Steel making process, refining process,
- c) Melting and Rolling process, Chemical composition of ladle and product analysis for each heat,
- d) Mechanical test results in annealed condition,
- e) Hardness test results in quenched and tempered condition and in quenched and double tempered condition at 600°C on samples,
- f) Heat treatment charts for Clause 9(e),
- g) NDE (UT) test results with reference & acceptance standards,
- h) Heat treatment details of material and sample,
- i) Surface hardness, decarburization of rounds, macrostructure and
- j) Results of Dimensional Checks

10. AUDIT CHECKS AT BHEL:

BHEL reserves the right to carry out audit checks for chemistry, HT condition, mechanical test and NDT on representative test specimens. Supplies found defective during check or subsequent processing at BHEL will be rejected.

11. END USE:

To be used in SHSV springs of valves for Advanced Ultra-Super Critical (AUSC) boiler applications.

 19.09.2017	 19/09/17	 19/9/17	 R A Krishnan 19/09/17	 19/9/17
Abdur Rahman Sultan Sr.Engineer/QA	G. Panneer Selvam DGM/QA	E. Athiannavi DGM/Valves Engg	R. Ananthakrishnan AGM/Valves	Amit Roy AGM/QA&BE
Prepared By		Reviewed By		Approved By



BHARAT HEAVY ELECTRICALS LTD

VALVES PURCHASE

Trichy - 620 014. India

GENERAL TERMS AND CONDITIONS

1. QUOTATIONS:

a. **BID system:** The offers are invited in Two part bid system (Part I will be Techno-commercial bid and part II will be Price Bid). Techno-commercially suitable vendors alone will be intimated for price bid opening.

b. **Submission of tender:**

i. **E-Procurement:** The bidder shall submit the bid online in BHEL e-Procurement portal at

["https://bheleps.buyjunction.in"](https://bheleps.buyjunction.in)

The bidder would be required to register on the above e-procurement portal for submitting their bids. Offers through mail and Hardcopies are not acceptable.

ii. **Non- Procurement:** Each offer should be sent in double cover separately and the same should be sealed and super scribed with correct Tender No., item of supply and due date of opening. Two or more quotations should not be sent in one cover. Price Bid should contain only Price in Rs per unit for each type. Tender should sent to the below mentioned address:

The Tender Opening Cell / Valves

Room No. -26, Building -24

Bharat Heavy Electricals Limited

Tiruchirappalli - 620014, Tamilnadu, India

Or

Email ID: tender_cell@bheltry.co.in

- c. **Late tenders:** Tender received after 2.00 pm on due date will be considered as Late tender. Late tenders will not be considered under any circumstance.
- d. **Regulations:** Tenders should be free from CORRECTION AND ERASURES. Corrections if any must be attested. All amounts shall be indicated both in words as well as figures. Where there is difference between amount quoted in words and figures, amount quoted in words shall prevail.
- e. **PVC:** Price Variation clause not acceptable. Prices should be firm.
- f. **Catalogue:** Manufacturer's name, Trade Mark or Patent No. if any should be specified. Illustrative leaflets giving technical particulars are required along with quotation.
- g. **Samples:** Samples should be submitted separately if specially requested in tender before due date of the enquiry. They should be clearly marked with the enquiry No and date on the outside cover to facilitate identification.
- h. **GST Number:** GST registration number, HSN number (Item wise) with applicable taxes should be mentioned in quotation. If the vendor is not GST registered the offer is liable for rejection.
- i. **Deviation.** Any deviations from the specification are to be furnished separately as "Schedule of Deviation". If there is no deviation vendor should indicate "No Deviation".
- j. **Confirmation:** Confirmation for compliance is to be given in the offer for all the techno commercial conditions specified in the specification.

2. COMMERCIAL TERMS & CONDITIONS:

a. **Terms of Payment:**

For Indigenous Suppliers: 100% after 45 days on satisfactory receipts and acceptance of material at BHEL stores/ Site acknowledgement.

Any deviation in the above payment terms except payment through LC/Advance will attract loading as "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 bidder. Offers of indigenous Suppliers with payment terms as CAD at site, Confirmed LCs, Advance payment or any other payment terms are liable for rejection.

For Import Supplies: Payment term is 100% payment on CAD basis after 45 days from the date of receipt of documents, specified in PO, at BHEL bank. Respective bank charges to respective account.

Any deviation in the above payment term will attract loading as "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.



BHARAT HEAVY ELECTRICALS LTD

VALVES PURCHASE

Trichy - 620 014. India

GENERAL TERMS AND CONDITIONS

In case of Usance LCs the loading will be considered @ 1.5% on the offered Value. For unconfirmed LC at sight the loading will be considered @ 3.5% on the offered Value. CAD at site, Confirmed LCs, Advance payment or any other payment terms are liable for rejection.

- b. Liquidated Damage:** Liquidated damages shall be 0.5% of the total order value 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)

Under GST regime, BHEL has to discharge GST liability on LD recovered from suppliers/contractors. Hence applicable GST shall also be recoverable from suppliers/contractors on LD amount. For this Debit note will be issued by BHEL indicating the respective supply invoice number.

c. Delivery Terms:

For Indigenous Suppliers: FOR BHEL Trichy inclusive of freight and insurance

For import Supplies: CFR/CIF Chennai seaport as per incoterm 2010

- d. Validity of Offer:** Prices should be valid for period has mentioned in the "Confirmation to the Terms and Conditions" attached.
- e. Delivery period:** Delivery schedule shall be strictly as per BHEL tender requirement which are as indicated against each item in our tender. If supplier offers more than the required delivery period BHEL will operate 0.5% loading factor for evaluation of their offer for every week delay to a maximum of 5%. Any other delivery period after loading to maximum will be rejected.
- f. Risk Purchase:** The purchaser at his option will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of seller either the whole of goods or any part which the supplier has failed to deliver or dispatch within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitute therefore. Supplier shall be liable for any loss which the purchaser may sustain by reason for such risk purchases in addition to penalty at the rate mentioned in clause 2 b above. Non acceptance to risk purchase clause the offer is liable for rejection.
- g. Guarantee Clause:** The vendor shall give a guarantee for the performance of his supplies for a period of as mentioned in "Confirmation to the Terms and Conditions" attached. Offers without guarantee clause are liable for rejection.
- h. Miscellaneous:** Any conditions which might have been quoted by the seller and are in contravention to the terms of PO and which have not been specifically accepted by Purchaser will not be applicable to the contract/PO.
- i. Performance Bank Guarantee:** If tender Calls for Performance Bank Guarantee, Vendor should provide a performance bank guarantee (PBG) in BHEL format for 10% of the total Purchase order value valid for warranty/guarantee period with an additional claim period of 2 months. PBG should be issued from list of consortium banks.

3. Compliance / Acceptance required for following points to ensure Input Tax Credit

- a.** Supplier shall mention their GSTN registration number in all their invoices 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), item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, etc.
- b.** All invoices shall bear the HSN Code for each item separately (Harmonized System of Nomenclature)/ SAC code (Services Accounting Code).
- c.** A declaration to the effect that all invoice particulars are/were uploaded in the GSTN network/ portal & all tax liability as per GST rules and regulations have been and will be discharged, shall be mentioned in the invoice. If not mentioned in the invoice, a separate declaration shall be submitted as per the requirement of BHEL.
- d.** All documents like Mill Test Certificate, LR copy, Guarantee/Warrantee certificate, work completion certificate, any other document mentioned in PO, shall be sent along with the vehicle/consignment. For all consignments received within the calendar month, input credit will be availed within that month in line with monthly returns filing cycle. In case of any discrepancy in the document or non-submission of documents mentioned in the PO, then BHEL will not be able to accept or account the material, in such case availing of tax credit will be deferred to next month or so.
- e.** In case of discrepancy in the data uploaded by 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



BHARAT HEAVY ELECTRICALS LTD

VALVES PURCHASE

Trichy - 620 014. India

GENERAL TERMS AND CONDITIONS

the data discrepancy in the GSTN portal or issue credit note (details to be uploaded in GSTN portal) for the shortages or rejections in the suppliers, within the calendar month notified by BHEL.

- f. For any such delay in availing of tax credit for reasons attributable to supplier (as mentioned above), interest (calculated @ SBI Base Rate + 6%) along with penalty (if any) will be deducted/recovered for the delayed period i.e. from the month of receipt till the month tax credit is availed, from the running bills.

4. Special Provisions for Micro and Small Enterprises (MSE):

- a. 20% of the tendered quantity is earmarked for MSE suppliers in this tender.
- b. Out of the 20% tendered quantity reserved for MSE suppliers, 4% shall be earmarked for procurement from MSE owned by SC/ST entrepreneurs.
- c. In case MSE vendor participating in the tender quotes within the price band of LI +15%, they will be allowed to supply the portion of the requirement subject to acceptance of LI price by MSE vendor. In case of more than one such MSE, the supply shall be shared proportionately.
- d. MSE suppliers can avail the intended benefits only if they submit along with offer, attested copies of either EM II certificate having deemed validity (Two years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with CA certificate applicable for the year, certifying quantum of investment in plant and machinery within the permissible limit as per the act for relevant status (Micro or small) where the deemed validity of EM II is over. Date to be reckoned for determining the deemed validity will be the last date of technical bid submission. Non submission of such documents will lead to consideration of their bids at par with other bidders and MSE status of such suppliers shall be shifted to Non MSE supplier till the supplier submits these documents.

3. GENERAL CONDITIONS

- a. BHEL reserves the right to finalize the tender as per item sl no wise or as a total package or project wise. Separate orders will be released for each project and documents should be supplied for each order separately.
- b. BHEL reserves the right to increase or reduce or split the Tender Quantity and to NOT to order for some or all material based on the changes in project.
- c. BHEL shall have the right to visit vendor works during the execution of contract along with end customer for verifying status, inspection and testing of the material.
- d. BHEL reserves the right to negotiate or re-float the tender in case the quoted prices are not acceptable.
- e. Supplier shall arrange packing to avoid lose or damages during Road Transport, Site handling & Storage.
- f. BHEL reserves the right to finalize the tender either through price bid opening or through Reverse Auction route.
- g. BHEL reserves the right to reject the offer of a particular bidder due to unsatisfactory past performance in the execution of a contract at any of BHEL projects / units.
- h. The Drawings and Technical documents given in this enquiry are the sole property of BHEL. This should not be misused in any form.
- i. Purchase Order, PO Item Sl No, Material code, Quantity should be clearly marked on the packing
- j. Confirmation for compliance is to be given in the offer for all the conditions specified above and to the respective Purchase Specification.
- k. If any supplier is not honouring their own quotation or any of its conditions within the validity period, the action will be taken against those suppliers in line with "Guidelines for suspension of business dealings with suppliers/contractors" (refer www.bhel.com)

4. DOCUMENTATION:

- a. **With Consignment:** Duplicate for transporter copy, Original Invoice, Packing List, Delivery Challan, O&M manual (if applicable) Material Test Certificate, Test Certificates, Compliance Certificate, Guarantee/Warranty Certificate and other documents mentioned in PO/TDC/Drawing.
- b. **Online Submission:** Supplier should upload the soft copy of all Test Certificates in BHEL website <http://vis.bheltry.co.in/vis/index.jsp> at Vendor information system tab.
- c. **To Purchase:**
- i. **FOR BHEL TRICHY case-** Original Invoice, Duplicate for transporter copy, Packing list, LWB and Delivery challan.



BHARAT HEAVY ELECTRICALS LTD

VALVES PURCHASE

Trichy - 620 014. India

GENERAL TERMS AND CONDITIONS

- ii. FOR Site case- Original Invoice, Original LWB, Original Packing List, Original IBR documents, Original despatch clearance Certificate and Inspection report, Test certificates as per PO, Original Site Acknowledgment etc...
- d. **Identification:** Material code, Purchase Order, PO item Sl No, Unique Sl No if any should be provided in all despatch documents, materials and packing clearly.

5. TENDER EVALUATION:

- a. PART I Techno-commercial Bid.
 - i. All vendors should submit General arrangement drawing, datasheet and C&I diagram (If any) of the offered product
 - ii. Point by point technical confirmation of all pages of our technical specifications and commercial conditions are required with your sign and seal along with techno commercial Offer.
 - iii. Offers from supplier not having technical capability or not agreed for commercial terms, will be rejected.
- b. PART II Price Bid.
 - i. Bidders qualified for both part I will be intimated for participating in priced bid opening/Reverse Auction.
 - ii. L1 bidder will be decided based on landed cost for the equipment to BHEL.
 - iii. For evaluation, the exchange rate shall be taken as TT selling rate of SBI on date of Part-1 bid opening.