



BHARAT HEAVY ELECTRICALS LIMITED

Phone : 044-28161306, 044-28161320

(A Government of India Undertaking)

044-28161321

PIPING CENTRE, OUTSOURCING DEPARTMENT

80, Gopathy Narayanasamy Road, T.Nagar, Chennai – 600 017.

OPEN TENDER FOR FABRICATION OF UT REFERENCE BLOCKS AND HARDNESS BLOCKS FROM SA335 P91 / P92 PIPES ON CONVERSION BASIS WITH BHEL MATERIALS

REF : 4601400038

DT : 03-01-14

Sub : Open tender for **FABRICATION** of **UT REFERENCE BLOCKS AND HARDNESS BLOCKS FROM SA335 P91 / P92 PIPES** on conversion basis with BHEL materials.

Ref : Enquiry No. : 4601400038 Dt. 03-01-14 Due on 23-01-14

Competitive offers in two part bid are invited from **'Domestic Vendors Located with in a radius of 400 KM from BHEL, TRICHY'** for **FABRICATION** of **UT REFERENCE BLOCKS AND HARDNESS BLOCKS FROM SA335 P91 / P92 PIPES** on conversion basis with BHEL materials. In this connection the following are enclosed.

- 1] Pre-Qualification Requirements [PQR] – This form should be filled and sent along with supporting documents.
- 2] Scope of work.
- 3] Annexure-A : Techno-Commercial format – to be filled and submitted.
- 4] Annexure-B : Price format indicating the list of items and quantity – to be filled and submitted.
- 5] Vendors who are not already registered with BHEL, Piping centre, Chennai – 600017 should submit the 17 page **SUPPLIER REGISTRATION FORM** [by downloading the same from www.bhel.com -> supplier registration -> Suppliers within India] duly filled with documents as called for and warranted.
- 6] Sample indicative line drawings, General terms and conditions.
- 7] Annexure-C : Indicating calibration requirements.

Offers should be submitted as per details given below.

Cover – 1 :

This cover should contain [a] Filled up PQR format [b] Filled up Annexure-A [c] Annexure-B without indicating the price but mentioning as 'Quoted' against the items for which the vendor is quoting [d] 17 page supplier registration form – if applicable.

The cover should be sealed, super scribed with enquiry no, date, due date and captioned as 'PART-I, PQR, TECHNO-COMERCIAL OFFER'.

Cover – 2 :

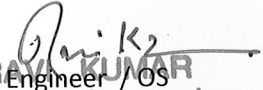
This cover should contain only the Annexure-B price format with quoted price.

The cover should be sealed, super scribed with enquiry no, date, due date and captioned as 'PART-II, PRICE BID'.

Both the above 2 covers should be put in another cover, sealed, super scribed with enquiry no, date, due date and should be addressed to

AGM / OS
BHEL, PIPING CENTRE
80, G N ROAD
T NAGAR
CHENNAI – 600017.

Offers as above should reach us on or before 1400 hrs on 23-01-14. Part-I of the offer containing POR, TECHNO-COMERCIAL OFFER will be opened at 1430 hrs on 23-01-14 in front of the bidders who may choose to be present [Bidders / Bidder's Representatives who wish to witness tender opening should possess original authorisation letter in the letter head of the bidder- without which they will not be permitted to witness the tender opening].


RAVI KUMAR
Engineer / OS
Engineer - Outsourcing
BHEL - Piping Centre
80, G.N Chetty Road
T. Nagar, Chennai - 6000017

OPEN TENDER FOR OF UT REFERENCE AND HARDNESS BLOCKS FROM SA335 P91 / P92 PIPES ON CONVERSION BASIS WITH BHEL MATERIALS

PRE-QUALIFICATION REQUIREMENTS

Questionnaire to be filled up by vendor and sent along with necessary documentary evidence.

SL. NO	DESCRIPTION	VENDOR'S RESPONSE[YES / NO]	DETAILS OF DOCUMENTS ENCLOSED.
01	Vendor has necessary milling machines in house for machining of UT REFERENCE AND HARDNESS BLOCKS FROM SA335 P91 / P92 PIPES . Confirm availability of milling machine in house.		
02	Vendor has necessary band saw machines or CNC drilling machine in house for machining of UT REFERENCE AND HARDNESS BLOCKS FROM SA335 P91 / P92 PIPES . Confirm availability of band saw machine or CNC drilling machine in house . If band saw machine is available in house, operations to be done through CNC drilling machine can be outsourced. Alternately if CNC drilling machine is available in house, operations to be done through band saw machine can be outsourced.		
03	Facility for machining of notch in the calibration blocks can be outsourced. Pls take note.		
04	Capable of FABRICATION UT CALIBRATION AND HARDNESS BLOCKS FROM SA335 P91 / P92 PIPES as per the indicative drawings attached with this enquiry.		
05	Agrees to get all the blocks calibrated individually from a NABL approved laboratory and provide certificates for the same.		
06	Accept to manufacture UT REFERENCE AND HARDNESS BLOCKS FROM SA335 P91 / P92 PIPES as per the applicable drawings [indicative drawings attached with this enquiry for reference] which will be issued with purchase order.		
07	Willing to execute TOKEN Bank Guarantee for Rs.5.00 Lakh to take care of material cost of SA335 P91 / P92 material in case of loss/ damage valid for the complete duration of the execution of the contract.		
08	Vendor should furnish willingness to recover the cost of material in case of faulty machining / damage / loss of material.		
09	Vendor agrees to not to do gas cutting of SA335 P91 / P92 pipes and will use only cutting and other machining processes for the manufacture of UT REFERENCE AND HARDNESS BLOCKS FROM SA335 P91 / P92 PIPES .		
10	Vendor agrees to collect and transport raw material from BHEL, Trichy / Thirumayam unit to his works, Manufacture as per applicable drawing, calibrate in a NABL approved laboratory Deliver finished goods and Off-cuts / balance materials in BHEL, Trichy / Thirumayam unit stores / shipping at his cost,		
11	This being a conversion job, involving collection of raw material and depositing finished product and offcuts at BHEL, Trichy / Thirumayam units involving very small consignment weight , only vendors located with in a radius of 400 KM from BHEL, Trichy will be considered. Please take note.		

NOTE :

- 1] BIDS OF VENDORS MEETING ALL THE ABOVE POINTS 100% TO BHEL'S SATISFACTION ONLY WILL BE CONSIDERED.
- 2] BIDS OF VENDORS NOT MEETING EVEN ANY ONE OF THE ABOVE POINTS WILL BE SUMMARILY REJECTED.

SIGNATURE OF THE VENDOR :

NAME :

OFFICE SEAL :

**OPEN TENDER FOR FABRICATION OF UT REFERENCE AND HARDNESS BLOCKS FROM SA335 P91 / P92 PIPES ON
CONVERSION BASIS WITH BHEL MATERIALS**

SCOPE OF WORK:

A] COLLECTION OF RAW MATERIALS FROM BHEL, TRICHY / THIRUMAYAM UNIT STORES BY VENDOR AT HIS COST.

B] MANUFACTURE OF UT REFERENCE AND HARDNESS BLOCKS FROM SA335 P91 / P92 PIPES AS PER THE DRAWING, INVOLVING CUTTING OF BLOCK FROM PIPE USING BAND SAW[GAS CUTTING STRICTLY NOT PERMITTED], MACHINING BLOCK TO THE REQUIRED SIZE, DRILLING AND MACHINING OF SLOT / NOTCH ETC. PLS NOTE THE SIZE OF HOLES, WIDTH OF THE SLOT / NOTCH AND STRINGENT TOLERANCES FOR THEM AS MENTIONED IN THE DRAWING.

C] INSPECTION BY BHEL / THIRD PARTY INSPECTORS AUTHORISED BY BHEL / CUSTOMER AND CALIBRATING ALL THE BLOCK INDIVIDUALLY AT ANY NABL APPROVED LABORATORY, OBTAINING CALIBRATION CERTIFICATE FOR ALL THE BLOCKS INDIVIDUALLY.

D] CIRCUMFERENTIAL AND AXIAL REFERENCE BLOCKS SHALL BE IDENTIFIED BY HARD PUNCHING OF PIPE OD, THICKNESS AND SPECIFICATION, WO, DU DETAILS AT END FACE ONLY.

E] APPLYING RUST PREVENTIVE ON THE BLOCKS BEFORE DESPATCH AND SUITABLE PACKING TO ENSURE THE BLOCKS ARE NOT DAMAGED DURING TRANSIT.

F] DELIVERY OF FINISHED PRODUCTS TO BHEL TRICHY / THIRUMAYAM STORES / SHIPPING BY VENDOR AT HIS COST.

G] MATERIAL ACCOUNTING AND RETURNING OF OFF-CUTS TO BHEL TRICHY / THIRUMAYAM UNIT STORES / SHIPPING BY VENDOR AT HIS COST.