



BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)
 80, G.N.ROAD, T.NAGAR
 Purchase Department - Piping Centre
 CHENNAI - 600 017.
 TAMILNADU (INDIA)

	Enquiry No 4011600002	Enquiry Date 18.01.2016	Due Date for Quotation 06.02.2016
<p>Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order. Bid should be submitted in two parts. 1.Techno-commercial bid (Part-I) and 2.Price bid(Part-II) in a separate sealed cover and both covers must be placed in a third cover and sealed. Our Enquiry No., Enq. date & Enq. Due date must be written on all three covers.</p>			

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
10	159385006000 PIPE OD-1067X9.28X6000-SA672GRB70CL22	M	33.000	33.00	24.02.16
20	159385016000 PIPE OD-1524X9.53X6000-SA672GRB70CL22	M	15.000	15.00	24.02.16
30	159385180000 PIPE DIA 610.0 X 10.0 SA672GRB70CL22	M	30.000	30.00	24.02.16
40	159385230000 PIPE DIA 914.0 X 10.0 SA672GRB70CL22	M	240.000	240.00	24.02.16
50	159385246000 PIPE OD-1219X10.86X6000-SA672GRB70CL22	M	6.000	6.00	24.02.16
60	159387200000 PIPE OD 1118X28 SA691-2 1/4 CR CL22	M	26.000	26.00	24.03.16
70	159387286000 PIPE OD-1219X22X6000-SA691 2(1/4)CRCL22	M	30.000	30.00	24.02.16
80	159387296000 PIPE OD-711X8X6000-SA691 2(1/4)CRCL22	M	72.000	72.00	24.02.16
90	159387306000 PIPE OD-864X8X6000-SA691 2(1/4)CRCL22	M	99.000	99.00	24.02.16

General Note:

1. RANDOM LENGTHS ACCEPTABLE.
2. FOR ENQ SL NOS, KINDLY REFER UNPRICED FORMAT, PRICE FORMAT.

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.

Enclosures:

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 date and time mentioned in the advertisement. Late and delayed offers are liable to be rejected.

M. THANGARAJ M.ENG.MBA.CM.S.
 Manager / Purchase
 Pipes, Electrodes Transport Bills
 ICT Products & AMC
 BHEL / Piping Centre
 T. Nagar, Chennai - 600 017

Yours faithfully,
 For BHARAT HEAVY ELECTRICALS LIMITED

 MANAGER / PURCHASE
 (Piping Centre)



BHARAT HEAVY ELECTRICALS LIMITED

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80, G.N.ROAD, T.NAGAR
Purchase Department - Piping Centre
CHENNAI - 600 017.
TAMILNADU (INDIA)

4011600002 / 18.01.2016

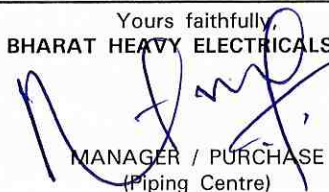
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"LD clause has to be confirmed without fail."

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.

M. THANGARAJ M.I.E., M.B.A., M.S.
Manager / Purchase
Pipes, Electrodes Transport Bills
ICT Products & AMC
BHEL / Piping Centre
T. Nagar, Chennai - 600 017

Yours faithfully,
For BHARAT HEAVY ELECTRICALS LIMITED


MANAGER / PURCHASE
(Piping Centre)



BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)
PIPING CENTRE, MATERIAL MANAGEMENT
80, Gopathy Narayanaswamy Road, T.Nagar, Chennai – 600 017.

IMPORTANT INFORMATION TO BIDDERS

VENDORS ARE REQUESTED TO SUBMIT THE OFFERS ON OR BEFORE THE TENDER OPENING
DATE(06.02.2016) , 2 PM

Ref: Enquiry No. 4011600002

Date : 18.01.2016

Due Date/ opening date:06.02.2016

M/s.....

Sub: Tender Enquiry No.4011600002 DT.18:01.2016

Sub: Open Tender for the procurement of SA672, SA 691 Pipes for Despatch to Trichy Stores-Reg.

Dear Sir,

This Enquiry is on TWO-PARTS basis strictly as per enclosed terms and conditions and instruction to bidders, to submitted in sealed covers for the procurement of SA672, SA 691 Pipes.

Your offer should reach us on or before the due date by 02.00 PM.

NOTE: The vendor should submit their best price at this stage itself and they will not be allowed to revise the price after technical bid opening.

Any clarification on technical specifications can be obtained from BHEL before tender opening. Please read all specification / documents thoroughly and submit your offer as per specifications of tender enquiry.

In case of any query, please clarify the same from BHEL before submission of offer.

The authorized representative should bring authority letter from their principals for attending the bid opening.



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KINDLY READ "INSTRUCTIONS TO BIDDERS" THOROUGHLY. QUOTATIONS NOT IN ACCORDANCE WITH THE ABOVE INSTRUCTIONS ARE LIABLE TO BE DISQUALIFIED.

Also, please note the following:

1. Sealed tenders with the Tender No. and opening date clearly super scribed on the cover are invited for the supply of SA672, SA 691 Pipess.
2. Tenders will be received up to 14:00 Hrs. (IST) on opening date and will be opened on the same day at 14:30 Hrs. (IST). Offers received after 14:00 hrs on tender opening date will not be accepted.
3. BHEL will not be responsible for any type of postal delay / incomplete information from vendor
4. Other term and conditions will be as per tender documents.
5. BHEL will evaluate the Techno-commercial bid of only those vendors who meet the Pre Qualification Requirements.
6. Techno-commercially accepted only will be considered for price bid opening.
7. BHEL reserves the right to negotiate with the L-1 bidder.

Thanking You,

(M. THANGARAJ)
MANAGER / PURCHASE



BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)
PIPING CENTRE, MATERIAL MANAGEMENT
80, Gopathy Narayanaswamy Road, T.Nagar, Chennai – 600 017.

INSTRUCTION TO BIDDERS

1.0: IMPORTANT INFORMATION TO BIDDERS.

- This Tender is an Open Tender for supply of SA672, SA 691 Pipess for Despatch to Trichy Stores as per BHEL's requirements. Bids are to be submitted in TWO PARTS.
- The quoted price shall be "FIRM" till the complete execution of the scope.
- Bids shall be in English only.
- Last date for submission of Bid - 06.02.2016 - Time - 14.00 Hours.
- Techno-Commercial Bid Opening Date -06.02.2016 - Time - 14.30 Hours.
- Tender shall be processed through Price bid opening (or) Reserve Auction. This will be decided after the Part-1 bid evaluation.
- Bidders shall submit the Bid (a single envelope containing two inner envelopes – One envelope for Part-1 bid and One Envelope for Part-2 bid) in English language as indicated in para 1.1 Bid Submission

BHEL will deal directly with the manufacturer and no correspondence with the agents will be entertained. The agents will not be permitted to visit / interact with BHEL on behalf of their principals. Subsequently also, no correspondence of any type will be made with any agents (all individuals / companies – representative / adviser / retainer ship basis or claimed to be part time employees for many OEMs / claiming to be channel or business partner for BHEL work / stockiest not registered specifically etc. are agents). Communications with only those agents who have submitted agency agreement with their respective principal may be done.

The bidders (originals manufacturers) will have to submit ink-signed offer / bid in original directly to BHEL.

The suppliers or their authorized person will be allowed to attend the tender opening, duly authorized by their principals, through a specific letter for a particular enquiry for specific price bid opening on that particular day.



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PIPING CENTRE, MATERIAL MANAGEMENT
80, Gopathy Narayanaswamy Road, T.Nagar, Chennai – 600 017.

1.1 Bid Submission:

Envelope I – “PART 1 BID - PQR & TECHNO-COMMERCIAL BID”: This sealed envelope should contain

- Filled in Pre-Qualification Requirement (PQR) and documents in support of PQR
- Complete Technical offer with relevant drawings/ documents /QP etc. as per specifications.
- Catalogue of the Equipment (If applicable)
- Duly Signed and Filled in “Commercial Check list” with necessary documents as called for in the “Commercial Checklist”
- Unpriced Bid Format (as applicable for Import / Indigenous vendor)

This envelope should be clearly marked "Part I - PQR & TECHNO-COMMERCIAL BID ", indicating Enquiry No., Due Date, Name & Address of the Bidder.

Envelope II – “PRICE BID”:

The price Bid (with price) (as applicable for Import / Indigenous vendor)for the complete scope as specified. This price bid shall be inline with the unpriced bid given in Part-1 bid.

a) Foreign Suppliers: The Prices are to be quoted on **CFR-Chennai** basis inclusive of P&F,Freight, drawing & documentation charges, Internal & Third party Inspection charges. **Please do not quote on Ex-works basis.**

b) Indigenous suppliers: The Prices are to be quoted on **FOR – Despatch to Trichy Stores site** [Packing & Forwarding, Freight & Insurance and Inspection are in Supplier's scope i.e. included in the quoted prices].

c) Applicable Sales Tax, Excise Duty, Service Tax, educational cess and any other statutory levy should be indicated separately and clearly in the quotation, else it will be concluded that the offer is inclusive of all taxes & duties.

d) The price comparison will be on the basis of total net cash outflow to BHEL for delivery up to final project site, alongwith loading if any. Import Offers shall be loaded for applicable custom duties for the project & freight cost/ other charges involved for delivery up to Trichy Stores from Chennai Port.

e) The Part-II (Price Bid) will be opened at a later date of only those bidders whose Part-1 bid (PQR & Techno-Commercial Offer) is found suitable by BHEL. BHEL reserves the right to evaluate vendor's process capability / quality systems etc. by visiting vendor works (if required).

This sealed envelope should contain price details. This envelope should be clearly marked "Part II - Price bid", indicating Enquiry No., Name & Address of the Bidder.



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The Bid (consisting of both the envelopes mentioned above) , sealed and superscribed as "Parts I & II inside" indicating Enquiry No., Due Date, Address & Reference of the Bidder should reach the below mentioned address on or before the due date by 14:00 Hrs (IST). BIDS RECEIVED AFTER 14:00 Hrs (IST) WILL NOT BE CONSIDERED FOR EVALUATION.

The above bid (a single envelope containing two inner envelopes) shall be sent in a sealed cover duly indicating

Enquiry No. & date, Tender Opening date and Item Description: "SA672, SA 691 Pipes for Despatch to Trichy Stores".


To

Manager / Purchase
BHEL - Piping Centre
No. 80, G N Chetty Road
T Nagar / Chennai 600 017.
PHONE: 044-28161380 / 28161375

1.2 Special Instructions:

- Envelopes not marked as above may be ignored and may not be opened.
- Vendors who are not registered with BHEL PC Chennai will have to submit the Supplier Registration Form (SRF) after successful qualification in the techno-commercial bid and after getting intimation from BHEL for the same. The Supplier Registration Form (SRF) duly filled will be assessed for manufacturing capability, quality systems being followed, organizational soundness and financial worthiness. The Online Application may be submitted through following link <http://suppliers.bheltry.co.in/>
- One agent cannot represent two or more suppliers or quote on their behalf in a particular tender. If so found at any stage, BHEL PC Chennai is likely to cancel Enquiries / POs to such suppliers. Further, such Indian Agent is likely to be de-listed (Black listed for business from BHEL)

Thanking You


(M. THANGARAJ)
MANAGER / PURCHASE



BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)
PIPING CENTRE, MATERIAL MANAGEMENT
80, Gopathy Narayanaswamy Road, T.Nagar, Chennai – 600 017.

Contact details of BHEL/Piping centre/Purchase:

M. Thangaraj

Manager / Purchase

044-28161380

raajpillai@bhelmpc.co.in

Abhishek Krishna Iyer

Engineer / Purchase

044 -28161375

abhishekki@bhelmpc.co.in


PRE – QUALIFICATION REQUIREMENT (PQR) FOR SA 672 AND SA 691 PIPES

SI No.	PQR Description	Documents to be submitted	Bidder Compliance with supporting documents (YES / NO)
1.	Bidder should have experience in making IBR (Indian Boiler Regulations) Certified Pipes.	Copy of Form XVI-G (Certificate of Approval for Well known Pipe maker issued by IBR) OR IBR Form IIIA/IIID issued for any orders executed by the bidder	
2.	Bidder should have adequate personnel and necessary manufacturing facilities to manufacture the tendered items.	1. Manufacturing – details of forming/bending, welding, heat treatment, hydro testing and other testing facilities shall be furnished. 2. Process flow chart of manufacturing operation to be submitted. 3. Organization chart	
3.	Bidder should have experience in manufacturing ASTM A672 and A691 or ASME SA 672 and SA 691 Pipes of same grade as those in the tendered list of items.	1. Min 2 years' Experience data for tendered grade and specification – containing Customer Name, Size & Quantity, Month and year of their supplies shall be furnished with customer contact details to verify the performance of the firm if required. 2. Copy of latest POs (Min. one no. for each specification)	
4.	Bidder should have valid ISO: 9001 certification	Copy of valid ISO 9001 certificate	
5.	Financial Parameters of the Bidder	Audited Balance Sheet and Audited Profit & Loss Account for FY 2012-13, 2013-14, 2014-15. In case of import Bidders, credit rating report issued by D&B/Creditreform will be accepted in place of the above.	

Note –

- i) Bidder means original manufacturer only.
- ii) If the bidder is already a registered vendor for any other product in BHEL, then, point 5 is not applicable for that bidder.
- iii) Bidder who is not registered with BHEL as a vendor should submit the SRF (Supplier Registration form) if they are techno-commercially qualified.
- iv) For import Bidders, it will be mandatory to furnish D&B/Creditreform Report during submission of SRF (Supplier Registration Form).
- v) Bids fulfilling the above criteria only will be considered for further techno-commercial evaluation.
- vi) Techno-commercially accepted, BHEL approved (based on evaluation against SRF) and Customer Approved vendors (as applicable) only will be considered for price bid opening.

(BIDDER SEAL AND SIGNATURE)


M. THANGARAJ, M.I.E., M.B.A., M.S.
Manager / Purchase
Pipes, Electrodes Transport Bills
ICT Products & AMC
· BHEL / Piping Centre
T. Nagar, Chennai - 600 017

BHEL : PIPING CENTRE : CHENNAI - 17
 Limited Tender No. 4011600002 Dt. 18.01.2016
 UNPRICED FIXATION TEMPLATE FOR IMPORT BIDDERS - TO BE SUBMITTED WITH THE TECHNICAL BID
 ITEM SL.NO. 10

ITEM DESCRIPTION : PIPE OD-1067X9.28X6000-SA672GRB70CL22 - 33 Meters - Despatch to BHEL - Trichy Stores

Item Sl No	Tender Serial No ----->	10
	Item Description ----->	PIPE OD-1067X9.28X6000-SA672GRB70CL22 - 33 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	QUOTED
2	Freight Charges	QUOTED
3	Unit All-Inclusive price (Rate per Meter) (1+2)	QUOTED

CURRENCY : _____

Bidder's Signature and Seal



M. THANGARAJ. M.I.E., M.B.A., M.S.
 Manager / Purchase
 Pipes, Electrodes Transport Bills
 ICT Products & AMC
 BHEL / Piping Centre
 T Nagar, Chennai - 600 017

BHEL : PIPING CENTRE : CHENNAI - 17
Limited Tender No. 4011600002 Dt. 18.01.2016
UNPRICED FIXATION TEMPLATE FOR IMPORT BIDDERS - TO BE SUBMITTED WITH THE TECHNICAL BID
ITEM SL.NO. 20

ITEM DESCRIPTION : PIPE OD-1524X9.53X6000-SA672GRB70CL22 - 15 Meters - Despatch to BHEL - Trichy Stores

Item Sl No	Tender Serial No ----->	20
	Item Description ----->	PIPE OD-1524X9.53X6000-SA672GRB70CL22 - 15 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	QUOTED
2	Freight Charges	QUOTED
3	Unit All-inclusive price (Rate per Meter) (1+2)	QUOTED

CURRENCY : _____



M. THANGARAJ, M.I.E., M.B.A., M.S.
Manager / Purchase
Pipes, Electrodes Transport Bills
ICT Products & AMC
BHEL / Piping Centre
T. Nagar, Chennai - 600 017

Bidder's Signature and Seal

BHEL : PIPING CENTRE : CHENNAI - 17
Limited Tender No. 4011600002 Dt. 18.01.2016

UNPRICED FIXATION TEMPLATE FOR IMPORT BIDDERS - TO BE SUBMITTED WITH THE TECHNICAL BID
ITEM SL.NO. 30

ITEM DESCRIPTION : PIPE DIA 610.0 X 10.0 SA672GRB70CL22 - 30 Meters - Despatch to BHEL - Trichy Stores

Item SI No	Tender Serial No ----->	30
	Item Description ----->	PIPE DIA 610.0 X 10.0 SA672GRB70CL22 - 30 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	QUOTED
2	Freight Charges	QUOTED
3	Unit All-Inclusive price (Rate per Meter) (1+2)	QUOTED

CURRENCY : _____

Bidder's Signature and Seal


M. THANGARAJ M.I.E., M.B.A., M.S.
Manager / Purchase
Pipes, Electrodes Transport Bills
ICT Products & AMC
BHEL / Piping Centre
T. Nagar, Chennai - 600 017

BHEL : PIPING CENTRE : CHENNAI - 17
Limited Tender No. 4011600002 Dt. 18.01.2016

UNPRICED FIXATION TEMPLATE FOR IMPORT BIDDERS - TO BE SUBMITTED WITH THE TECHNICAL BID
ITEM SL.NO. 40

ITEM DESCRIPTION : PIPE OD-1219X10.86X6000-SA672GRB70CL22 - 6 Meters - Despatch to BHEL - Trichy Stores

Item Sl No	Tender Serial No ----->	
	Item Description ----->	PIPE OD-1219X10.86X6000- SA672GRB70CL22 - 6 Meters - Despatch to BHEL - Trichy Stores
Elements of Cost		
1	BASE PRICE including Packing, Forwarding, Painting	Rate per Meter QUOTED
2	Freight Charges	Rate per Meter QUOTED
3	Unit All-inclusive price (Rate per Meter) (1+2)	QUOTED

CURRENCY : _____

Bidder's Signature and Seal


M. THANGARAJ, M.I.E., M.B.A., M.S.
Manager / Purchase
Pipes, Electrodes Transport Bills
ICT Products & AMC
BHEL / Piping Centre
T. Nagar, Chennai - 600 017

BHEL : PIPING CENTRE : CHENNAI - 17

Limited Tender No. 4011600002 Dt. 18.01.2016

UNPRICED FIXATION TEMPLATE FOR IMPORT BIDDERS - TO BE SUBMITTED WITH THE TECHNICAL BID

ITEM SL.NO. 50

ITEM DESCRIPTION : PIPE DIA 914.0 X 10.0 SA672GRB70CL22 - 240 Meters - Despatch to BHEL - Trichy Stores

Item SI No	Tender Serial No ----->	50
	Item Description ----->	PIPE DIA 914.0 X 10.0 SA672GRB70CL22 - 240 Meters - Despatch to BHEL - Trichy Stores
Elements of Cost		
1	BASE PRICE including Packing, Forwarding, Painting	Rate per Meter QUOTED
2	Freight Charges	Rate per Meter QUOTED
3	Unit All-Inclusive price (Rate per Meter) (1+2)	QUOTED

CURRENCY : _____

Bidder's Signature and Seal



M. THANGARAJ. M.I.E., M.B.A., M.S.

Manager / Purchase

Pipes, Electrodes Transport Bills

ICT Products & AMC

BHEL / Piping Centre

T. Nagar, Chennai - 600 017

BHEL : PIPING CENTRE : CHENNAI - 17
Limited Tender No. 4011600002 Dt. 18.01.2016

UNPRICED FIXATION TEMPLATE FOR IMPORT BIDDERS - TO BE SUBMITTED WITH THE TECHNICAL BID
ITEM SL.NO. 60

ITEM DESCRIPTION : PIPE OD-1219X22X6000-SA691 2(1/4)CRCL22 - 30 Meters - Despatch to BHEL - Trichy Stores

Item SI No	Tender Serial No ----->	60
	Item Description ----->	PIPE OD-1219X22X6000-SA691 2(1/4)CRCL22 - 30 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	QUOTED
2	Freight Charges	QUOTED
3	Unit All-inclusive price (Rate per Meter) (1+2)	QUOTED

CURRENCY : _____

Bidder's Signature and Seal


M. THANGARAJ, M.I.E., M.B.A., M.S.
Manager / Purchase
Pipes, Electrodes Transport Bills
ICT Products & AMC
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T. Nagar, Chennai - 600 017

BHEL : PIPING CENTRE : CHENNAI - 17

Limited Tender No. 4011600002 Dt. 18.01.2016

UNPRICED FIXATION TEMPLATE FOR IMPORT BIDDERS - TO BE SUBMITTED WITH THE TECHNICAL BID

ITEM SL.NO. 70

ITEM DESCRIPTION : PIPE OD-711X8X6000-SA691 2(1/4)CRCL22 - 72 Meters - Despatch to BHEL - Trichy Stores

Item SI No	Tender Serial No ----->	70
	Item Description ----->	PIPE OD-711X8X6000-SA691 2(1/4)CRCL22 - 72 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	QUOTED
2	Freight Charges	QUOTED
3	Unit All-inclusive price (Rate per Meter) (1+2)	QUOTED

CURRENCY : _____

Bidder's Signature and Seal



M. THANGARAJ. M.I.E., M.B.A., M.S.

Manager / Purchase

Pipes, Electrodes Transport Bills

ICT Products & AMC

BHEL / Piping Centre

T. Nagar, Chennai - 600 017

BHEL : PIPING CENTRE : CHENNAI - 17
Limited Tender No. 4011600002 Dt. 18.01.2016

UNPRICED FIXATION TEMPLATE FOR IMPORT BIDDERS - TO BE SUBMITTED WITH THE TECHNICAL BID
ITEM SL.NO. 80

ITEM DESCRIPTION : PIPE OD-864X8X6000-SA691 2(1/4)CRCL22 - 99 Meters - Dispatch to BHEL - Trichy Stores

Item Sl No	Tender Serial No ----->	
	Item Description ----->	PIPE OD-864X8X6000-SA691 2(1/4)CRCL22 - 99 Meters - Dispatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	QUOTED
2	Freight Charges	QUOTED
3	Unit All-inclusive price (Rate per Meter) (1+2)	QUOTED

CURRENCY : _____

Bidder's Signature and Seal



M. THANGARAJ. M.I.E., M.B.A., M.S.
Manager / Purchase
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BHEL : PIPING CENTRE : CHENNAI - 17
 Limited Tender No. 4011600002 Dt. 18.01.2016

UNPRICED FIXATION TEMPLATE FOR IMPORT BIDDERS - TO BE SUBMITTED WITH THE TECHNICAL BID
 ITEM SL.NO. 90

ITEM DESCRIPTION : PIPE OD 1118X28 SA691-2 1/4 CR CL22 - 26 Meters - Despatch to BHEL - Trichy Stores

Item SI No	Tender Serial No ----->	90
	Item Description ----->	PIPE OD 1118X28 SA691-2 1/4 CR CL22 - 26 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	QUOTED
2	Freight Charges	QUOTED
3	Unit All-inclusive price (Rate per Meter) (1+2)	QUOTED

CURRENCY : _____

Bidder's Signature and Seal



M. THANGARAJ, M.I.E., M.B.A., M.S.
 Manager / Purchase
 Pipes, Electrodes Transport Bills
 ICT Products & AMC
 BHEL / Piping Centre
 Chennai - 600 017

BHEL : PIPING CENTRE : CHENNAI - 17
 Limited Tender No. 4011600002 Dt. 18.01.2016

UNPRICED FIXATION TEMPLATE FOR INDIGENOUS BIDDERS - TO BE SUBMITTED WITH THE TECHNICAL BID
 ITEM SL.NO. 10

ITEM DESCRIPTION : PIPE OD-1067X9.28X6000-SA672GRB70CL22 - 33 Meters - Despatch to BHEL - Trichy Stores

Item SI No	Tender Serial No ----->	10
	Item Description ----->	PIPE OD-1067X9.28X6000-SA672GRB70CL22 - 33 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	QUOTED
2	Excise Duty with Cess applicable on (1) (_____ %)	Rate per Meter
3	CST/VAT in %age _____ applicable on _____	Rate per Meter
4	Freight Charges	Rate per Meter
5	Service Tax, if and as applicable, on Freight (_____ %) Proof for the Payment of Service Tax shall be produced for the reimbursement of same.	Rate per Meter
6	Other Statutory Levies, if and as applicable (_____ %)	Rate per Meter
7	Transit Insurance Charges by Vendor in INR to be quoted per meter	Rate per Meter
8	Unit All-inclusive price (Rate per Meter) (1+2+3+4+5+6+7)	QUOTED


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 Manager / Purchase
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Bidder's Signature and Seal

BHEL : PIPING CENTRE : CHENNAI - 17
 Limited Tender No. 4011600002 Dt. 18.01.2016

UNPRICED FIXATION TEMPLATE FOR INDIGENOUS BIDDERS - TO BE SUBMITTED WITH THE TECHNICAL BID
 ITEM SL.NO. 20

ITEM DESCRIPTION : PIPE OD-1524X9.53X6000-SA672GRB70CL22 - 15 Meters - Despatch to BHEL - Trichy Stores

Item SI No	Tender Serial No ----->	Item Description ----->	Rate per Meter
	20	PIPE OD-1524X9.53X6000-SA672GRB70CL22 - 15 Meters - Despatch to BHEL - Trichy Stores	
Elements of Cost			
1		BASE PRICE including Packing, Forwarding, Painting	Rate per Meter QUOTED
2		Excise Duty with Cess applicable on (1)(_____) %	Rate per Meter
3		CST/VAT in %age _____ applicable on _____	Rate per Meter
4		Freight Charges	Rate per Meter QUOTED
5		Service Tax, if and as applicable, on Freight (_____ %) Proof for the Payment of Service Tax shall be produced for the reimbursement of same.	Rate per Meter
6		Other Statutory Levies, if and as applicable (_____ %)	Rate per Meter
7		Transit Insurance Charges by Vendor in INR to be quoted per meter	Rate per Meter QUOTED
8		Unit All-inclusive price (Rate per Meter) (1+2+3+4+5+6+7)	QUOTED


M. KHANGARAJ, M.I.E., M.B.A., M.S.
 Manager / Purchase
 Pipes, Electrodes Transport Bills
 ICT Products & AMC
 BHEL / Piping Centre
 T. Nagar, Chennai - 600 017


Bidder's Signature and Seal

BHEL : PIPING CENTRE : CHENNAI - 17
 Limited Tender No. 4011600002 Dt. 18.01.2016

UNPRICED FIXATION TEMPLATE FOR INDIGENOUS BIDDERS - TO BE SUBMITTED WITH THE TECHNICAL BID
 ITEM SL.NO. 30

ITEM DESCRIPTION : PIPE DIA 610.0 X 10.0 SA672GRB70CL22 - 30 Meters - Despatch to BHEL - Trichy Stores

Item Sl No	Tender Serial No ----->	30
	Item Description ----->	PIPE DIA 610.0 X 10.0 SA672GRB70CL22 - 30 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Meters - Despatch to BHEL - Trichy Stores Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	QUOTED Rate per Meter
2	Excise Duty with Cess applicable on (1)(-----)%	Rate per Meter
3	CST/VAT in %age ----- applicable on -----	Rate per Meter
4	Freight Charges	Rate per Meter QUOTED
5	Service Tax, if and as applicable, on Freight (-----%) Proof for the Payment of Service Tax shall be produced for the reimbursement of same.	Rate per Meter
6	Other Statutory Levies, if and as applicable (-----%)	Rate per Meter
7	Transit Insurance Charges by Vendor in INR to be quoted per meter	Rate per Meter QUOTED
8	Unit All-inclusive price (Rate per Meter) (1+2+3+4+5+6+7)	QUOTED


 M. THANGARAJ, M.I.E., M.B.A., M.S.
 Manager / Purchase
 Pipes, Electrodes Transport Bills
 ICT Products & AMC
 BHEL / Piping Centre
 T. Nagar, Chennai - 600 017

Bidder's Signature and Seal

BHEL : PIPING CENTRE : CHENNAI - 17
 Limited Tender No. 4011600002 Dt. 18.01.2016

UNPRICED FIXATION TEMPLATE FOR INDIGENOUS BIDDERS - TO BE SUBMITTED WITH THE TECHNICAL BID
 ITEM SL.NO. 40

ITEM DESCRIPTION :PIPE OD-1219X10.86X6000-SA672GRB70CL22 - 6 Meters - Despatch to BHEL - Trichy Stores

Item SI No	Tender Serial No ----->	40
	Item Description ----->	PIPE OD-1219X10.86X6000- SA672GRB70CL22 - 6 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	QUOTED
2	Excise Duty with Cess applicable on (1)(_____%)	Rate per Meter
3	CST/VAT in %age _____ applicable on _____	Rate per Meter
4	Freight Charges	Rate per Meter
5	Service Tax, if and as applicable, on Freight (_____ %) Proof for the Payment of Service Tax shall be produced for the reimbursement of same.	Rate per Meter
6	Other Statutory Levies, if and as applicable (_____%)	Rate per Meter
7	Transit Insurance Charges by Vendor in INR to be quoted per meter	Rate per Meter
8	Unit All-inclusive price (Rate per Meter) (1+2+3+4+5+6+7)	QUOTED

M. THANGARAJ. M.I.E., M.B.A., M.S.

Manager / Purchase
 Pipes, Electrodes Transport Bills
 ICT Products & AMC
 BHEL / Piping Centre
 T. Nagar, Chennai - 600 017


Bidder's Signature and Seal

BHEL : PIPING CENTRE : CHENNAI - 17
 Limited Tender No. 4011600002 Dt. 18.01.2016

UNPRICED FIXATION TEMPLATE FOR INDIGENOUS BIDDERS - TO BE SUBMITTED WITH THE TECHNICAL BID
 ITEM SL.NO. 50

ITEM DESCRIPTION : PIPE DIA 914.0 X 10.0 SA672GRB70CL22 - 240 Meters - Despatch to BHEL - Trichy Stores

Item Sl No	Tender Serial No ----->	50
Item Description ----->		PIPE DIA 914.0 X 10.0 SA672GRB70CL22 - 240 Meters - Despatch to BHEL - Trichy Stores
Elements of Cost		Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	QUOTED
2	Excise Duty with Cess applicable on (1) (_____ %)	Rate per Meter
3	CST/VAT in %age _____ applicable on _____	Rate per Meter
4	Freight Charges	Rate per Meter
5	Service Tax, if and as applicable, on Freight (_____ %)	Rate per Meter
Proof for the Payment of Service Tax shall be produced for the reimbursement of same.		
6	Other Statutory Levies, if and as applicable (_____ %)	Rate per Meter
7	Transit Insurance Charges by Vendor in INR to be quoted per meter	Rate per Meter
8	Unit All-inclusive price (Rate per Meter) (1+2+3+4+5+6+7)	QUOTED


M. THANGARAJU, M.E., M.B.A., M.S.
 Manager / Purchase
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 ICT Products & AMC
 BHEL / Piping Centre
 T. Nagar, Chennai - 600 017


Bidder's Signature and Seal

BHEL : PIPING CENTRE : CHENNAI - 17
 Limited Tender No. 4011600002 Dt. 18.01.2016

UNPRICED FIXATION TEMPLATE FOR INDIGENOUS BIDDERS - TO BE SUBMITTED WITH THE TECHNICAL BID
 ITEM SL.NO. 60

ITEM DESCRIPTION : PIPE OD-1219X22X6000-SA691 2(1/4)CRCL22 - 30 Meters - Despatch to BHEL - Trichy Stores

Item SI No	Tender Serial No ----->	60
	Item Description ----->	PIPE OD-1219X22X6000-SA691 2(1/4)CRCL22 - 30 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	QUOTED
2	Excise Duty with Cess applicable on (1)(_____) %	Rate per Meter
3	CST/VAT in %age _____ applicable on _____	Rate per Meter
4	Freight Charges	Rate per Meter
4	Freight Charges	QUOTED
5	Service Tax, if and as applicable, on Freight (_____ %))	Rate per Meter
5	Proof for the Payment of Service Tax shall be produced for the reimbursement of same.	
6	Other Statutory Levies, if and as applicable (_____%)	Rate per Meter
7	Transit Insurance Charges by Vendor in INR to be quoted per meter	Rate per Meter
7	Transit Insurance Charges by Vendor in INR to be quoted per meter	QUOTED
8	Unit All-inclusive price (Rate per Meter) (1+2+3+4+5+6+7)	QUOTED


M. THANGARAJU. M.A.E., M.B.A., M.S.
 Manager / Purchase
 Pipes, Electrodes Transport Bills
 ICT Products & AMC
 BHEL / Piping Centre
 T. Nagar, Chennai - 600 017


Bidder's Signature and Seal

BHEL : PIPING CENTRE : CHENNAI - 17
 Limited Tender No. 4011600002 Dt. 18.01.2016

UNPRICED FIXATION TEMPLATE FOR INDIGENOUS BIDDERS - TO BE SUBMITTED WITH THE TECHNICAL BID
 ITEM SL.NO. 70

ITEM DESCRIPTION : PIPE OD-711X8X6000-SA691 2(1/4)CRCL22 - 72 Meters - Despatch to BHEL - Trichy Stores

Item Sl No	Tender Serial No ----->	70
	Item Description ----->	PIPE OD-711X8X6000-SA691 2(1/4)CRCL22 - 72 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	QUOTED
2	Excise Duty with Cess applicable on (1)(_____) %	Rate per Meter
3	CST/VAT in %age _____ applicable on _____	Rate per Meter
4	Freight Charges	Rate per Meter
5	Service Tax, if and as applicable, on Freight (_____ %)	Rate per Meter
6	Proof for the Payment of Service Tax shall be produced for the reimbursement of same.	
7	Other Statutory Levies, if and as applicable (_____ %)	Rate per Meter
8	Transit Insurance Charges by Vendor in INR to be quoted per meter	Rate per Meter
	Unit All-inclusive price (Rate per Meter) (1+2+3+4+5+6+7)	QUOTED


M. SHANKARAJ. M.I.E., M.B.A., M.S.
 Manager / Purchase
 Pipes, Electrodes Transport Bills
 ICT Products & AMC
 BHEL / Piping Centre
 T. Nagar, Chennai - 600 017

Bidder's Signature and Seal

BHEL : PIPING CENTRE : CHENNAI - 17
 Limited Tender No. 4011600002 Dt. 18.01.2016

UNPRICED FIXATION TEMPLATE FOR INDIGENOUS BIDDERS - TO BE SUBMITTED WITH THE TECHNICAL BID
 ITEM SL.NO. 80

ITEM DESCRIPTION : PIPE OD-864X8X6000-SA691 2(1/4)CRCL22 - 99 Meters - Despatch to BHEL - Trichy Stores

Item SI No	Tender Serial No ----->	80
	Item Description ----->	PIPE OD-864X8X6000-SA691 2(1/4)CRCL22 - 99 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	QUOTED
2	Excise Duty with Cess applicable on (1)(-----)%	Rate per Meter
3	CST/VAT in %age ----- applicable on -----	Rate per Meter
4	Freight Charges	Rate per Meter
5	Service Tax, if and as applicable, on Freight (-----%)	Rate per Meter
6	Proof for the Payment of Service Tax shall be produced for the reimbursement of same.	
6	Other Statutory Levies, if and as applicable (-----%)	Rate per Meter
7	Transit Insurance Charges by Vendor in INR to be quoted per meter	Rate per Meter
8	Unit All-inclusive price (Rate per Meter) (1+2+3+4+5+6+7)	QUOTED

M. THANGARAJ. M.I.E., M.B.A., M.S.

Manager / Purchase
 Pipes, Electrodes Transport Bills
 ICT Products & AMC
 BHEL / Piping Centre
 T. Nagar, Chennai - 600 017

Bidder's Signature and Seal

BHEL : PIPING CENTRE : CHENNAI - 17
 Limited Tender No. 4011600002 Dt. 18.01.2016

UNPRICED FIXATION TEMPLATE FOR INDIGENOUS BIDDERS - TO BE SUBMITTED WITH THE TECHNICAL BID
 ITEM SL.NO. 90

ITEM DESCRIPTION : PIPE OD 1118X28 SA691-2 1/4 CR CL22 - 26 Meters - Dispatch to BHEL - Trichy Stores

Item Sl No	Tender Serial No ----->	90
	Item Description ----->	PIPE OD 1118X28 SA691-2 1/4 CR CL22 - 26 Meters - Dispatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	QUOTED
2	Excise Duty with Cess applicable on (1)(_____% CST/VAT in %age _____ applicable on _____	Rate per Meter
3	Freight Charges	Rate per Meter
4	Service Tax, if and as applicable, on Freight (_____%)	Rate per Meter
5	Proof for the Payment of Service Tax shall be produced for the reimbursement of same.	Rate per Meter
6	Other Statutory Levies, if and as applicable (_____%)	Rate per Meter
7	Transit Insurance Charges by Vendor in INR to be quoted per meter	Rate per Meter
8	Unit All-inclusive price (Rate per Meter) (1+2+3+4+5+6+7)	QUOTED


M. THANGARAJ. M.I.E., M.B.A., M.S.
 Manager / Purchase
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 ICT Products & AMC
 BHEL / Piping Centre
 T. Nagar, Chennai - 600 017


Bidder's Signature and Seal

BHEL : PIPING CENTRE : CHENNAI - 17
 Limited Tender No. 4011600002 Dt. 18.01.2016
 PRICED FIXATION TEMPLATE FOR IMPORT BIDDERS - TO BE SUBMITTED WITH THE PRICED BID
 ITEM SL.NO. 10

ITEM DESCRIPTION : PIPE OD-1067X9.28X6000-SA672GRB70CL22 - 33 Meters - Despatch to BHEL - Trichy Stores

Item Sl No	Tender Serial No ----->	10
	Item Description ----->	PIPE OD-1067X9.28X6000-SA672GRB70CL22 - 33 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	Rate per Meter
2	Freight Charges	Rate per Meter
3	Unit All-inclusive price (Rate per Meter) (1+2)	

CURRENCY : _____



M. THANGARAJ, M.I.E., M.B.A., M.S.
 Manager / Purchase
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 BHEL / Piping Centre
 T. Nagar, Chennai - 600 017

Bidder's Signature and Seal

BHEL : PIPING CENTRE : CHENNAI - 17
Limited Tender No. 4011600002 Dt. 18.01.2016

PRICED FIXATION TEMPLATE FOR IMPORT BIDDERS - TO BE SUBMITTED WITH THE PRICED BID
ITEM SL.NO. 20

ITEM DESCRIPTION : PIPE OD-1524X9.53X6000-SA672GRB70CL22 - 15 Meters - Despatch to BHEL - Trichy Stores

Item Sl No	Tender Serial No ----->	20
	Item Description ----->	PIPE OD-1524X9.53X6000-SA672GRB70CL22 - 15 Meters - Despatch to BHEL - Trichy Stores
Elements of Cost		Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	Rate per Meter
2	Freight Charges	Rate per Meter
3	Unit All-inclusive price (Rate per Meter) (1+2)	

CURRENCY : _____

Bidder's Signature and Seal



M. THANGARAJ. M.I.E., M.B.A., M.S.
Manager / Purchase
Pipes, Electrodes Transport Bills
ICT Products & AMC
BHEL / Piping Centre
T. Nagar, Chennai - 600 017

BHEL : PIPING CENTRE : CHENNAI - 17
Limited Tender No. 4011600002 Dt. 18.01.2016

PRICED FIXATION TEMPLATE FOR IMPORT BIDDERS - TO BE SUBMITTED WITH THE PRICED BID
ITEM SL.NO. 30

ITEM DESCRIPTION : PIPE DIA 610.0 X 10.0 SA672GRB70CL22 - 30 Meters - Despatch to BHEL - Trichy Stores

Item Sl No	Tender Serial No ----->	
	Item Description ----->	PIPE DIA 610.0 X 10.0 SA672GRB70CL22 - 30 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	Rate per Meter
2	Freight Charges	Rate per Meter
3	Unit All-inclusive price (Rate per Meter) (1+2)	

CURRENCY : _____

Bidder's Signature and Seal



M. THANGARAJ, M.I.E., M.B.A., M.S.
Manager / Purchase
Pipes, Electrodes Transport Bills
ICT Products & AMC
BHEL / Piping Centre
T. Nagar, Chennai - 600 017

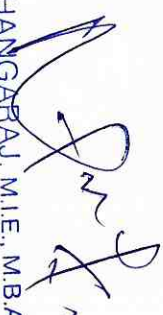
BHEL : PIPING CENTRE : CHENNAI - 17
 Limited Tender No. 4011600002 Dt. 18.01.2016
 PRICED FIXATION TEMPLATE FOR IMPORT BIDDERS - TO BE SUBMITTED WITH THE PRICED BID
 ITEM SL.NO. 40

ITEM DESCRIPTION : PIPE OD-1219X10.86X6000-SA672GRB70CL22 - 6 Meters - Despatch to BHEL - Trichy Stores

Item Sl No	Tender Serial No ----->	40
	Item Description ----->	PIPE OD-1219X10.86X6000- SA672GRB70CL22 - 6 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	Rate per Meter
2	Freight Charges	Rate per Meter
3	Unit All-inclusive price (Rate per Meter) (1+2)	

CURRENCY : _____

Bidder's Signature and Seal


 M. THANGARAJ, M.I.E., M.B.A., M.S.
 Manager / Purchase
 Pipes, Electrodes Transport Bills
 ICT Products & AMC
 BHEL / Piping Centre
 T. Nagar, Chennai - 600 017

BHEL : PIPING CENTRE : CHENNAI - 17
Limited Tender No. 4011600002 Dt. 18.01.2016

PRICED FIXATION TEMPLATE FOR IMPORT BIDDERS - TO BE SUBMITTED WITH THE PRICED BID
ITEM SL.NO. 50

ITEM DESCRIPTION : PIPE DIA 914.0 X 10.0 SA672GRB70CL22 - 240 Meters - Despatch to BHEL - Trichy Stores

Item Sl No	Tender Serial No ----->	50
	Item Description ----->	PIPE DIA 914.0 X 10.0 SA672GRB70CL22 - 240 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	Rate per Meter
2	Freight Charges	Rate per Meter
3	Unit All-inclusive price (Rate per Meter) (1+2)	

CURRENCY : _____

Bidder's Signature and Seal



M. THANGARAJ, M.I.E., M.B.A., M.S.
Manager / Purchase
Pipes, Electrodes Transport Bills
ICT Products & AMC
BHEL / Piping Centre
T. Nagar, Chennai - 600 017

BHEL : PIPING CENTRE : CHENNAI - 17
Limited Tender No. 4011600002 Dt. 18.01.2016

PRICED FIXATION TEMPLATE FOR IMPORT BIDDERS - TO BE SUBMITTED WITH THE PRICED BID
ITEM SL.NO. 60

ITEM DESCRIPTION : PIPE OD-1219X22X6000-SA691 2(1/4)CRCL22 - 30 Meters - Despatch to BHEL - Trichy Stores

Item SI No	Tender Serial No ----->	60
	Item Description ----->	PIPE OD-1219X22X6000-SA691 2(1/4)CRCL22 - 30 Meters - Despatch to BHEL - Trichy Stores
Elements of Cost		
1	BASE PRICE including Packing, Forwarding, Painting	Rate per Meter
2	Freight Charges	Rate per Meter
3	Unit All-Inclusive price (Rate per Meter) (1+2)	

CURRENCY : _____

Bidder's Signature and Seal



M. THANGARAJ, M.I.E., M.B.A., M.S.
Manager / Purchase
Pipes, Electrodes Transport Bills
ICT Products & AMC
BHEL / Piping Centre
T. Nagar, Chennai - 600 017

BHEL : PIPING CENTRE : CHENNAI - 17
Limited Tender No. 4011600002 Dt. 18.01.2016


PRICED FIXATION TEMPLATE FOR IMPORT BIDDERS - TO BE SUBMITTED WITH THE PRICED BID
ITEM SL.NO. 70

ITEM DESCRIPTION : PIPE OD-711X8X6000-SA691 2(1/4)CRCL22 - 72 Meters - Despatch to BHEL - Trichy Stores

Item SI No	Tender Serial No ----->	
	Item Description ----->	PIPE OD-711X8X6000-SA691 2(1/4)CRCL22 - 72 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	Rate per Meter
2	Freight Charges	Rate per Meter
3	Unit All-Inclusive price (Rate per Meter) (1+2)	

CURRENCY : _____

Bidder's Signature and Seal


M. THANGARAJ. M.I.E., M.B.A., M.S.
Manager / Purchase
Pipes, Electrodes Transport Bills
ICT Products & AMC
BHEL / Piping Centre
T. Nagar, Chennai - 600 017

BHEL : PIPING CENTRE : CHENNAI - 17
Limited Tender No. 4011600002 Dt. 18.01.2016

PRICED FIXATION TEMPLATE FOR IMPORT BIDDERS - TO BE SUBMITTED WITH THE PRICED BID
ITEM SL.NO. 80

ITEM DESCRIPTION : PIPE OD-864X8X6000-SA691 2(1/4)CRCL22 - 99 Meters - Despatch to BHEL - Trichy Stores

Item SI No	Tender Serial No ----->	80
	Item Description ----->	PIPE OD-864X8X6000-SA691 2(1/4)CRCL22 - 99 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	Rate per Meter
2	Freight Charges	Rate per Meter
3	Unit All-inclusive price (Rate per Meter) (1+2)	

CURRENCY : _____

Bidder's Signature and Seal


M. THANGARAJ. M.I.E., M.B.A., M.S.
Manager / Purchase
Pipes, Electrodes Transport Bills
ICT Products & AMC
BHEL / Piping Centre
T. Nagar, Chennai - 600 017

BHEL : PIPING CENTRE : CHENNAI - 17
Limited Tender No. 4011600002 Dt. 18.01.2016

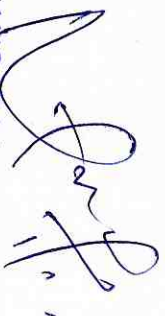
PRICED FIXATION TEMPLATE FOR IMPORT BIDDERS - TO BE SUBMITTED WITH THE PRICED BID
ITEM SL.NO. 90

ITEM DESCRIPTION : PIPE OD 1118X28 SA691-2 1/4 CR CL22 - 26 Meters - Despatch to BHEL - Trichy Stores

Item Sl No	Tender Serial No ----->	90
	Item Description ----->	PIPE OD 1118X28 SA691-2 1/4 CR CL22 - 26 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	Rate per Meter
2	Freight Charges	Rate per Meter
3	Unit All-inclusive price (Rate per Meter) (1+2)	

CURRENCY : _____

Bidder's Signature and Seal


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T. Nagar, Chennai - 600 017

BHEL : PIPING CENTRE : CHENNAI - 17
Limited Tender No. 4011600002 Dt. 18.01.2016

PRICED FIXATION TEMPLATE FOR INDIGENOUS BIDDERS - TO BE SUBMITTED WITH THE PRICED BID
ITEM SL.NO. 10

ITEM DESCRIPTION : PIPE OD-1067X9.28X6000-SA672GRB70CL22 - 33 Meters - Despatch to BHEL - Trichy Stores

Item Sl No	Tender Serial No ----->	10
	Item Description ----->	PIPE OD-1067X9.28X6000-SA672GRB70CL22 - 33 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	Rate per Meter
2	Excise Duty with Cess applicable on (1) (_____ %)	Rate per Meter
3	CST/VAT in %age _____ applicable on _____	Rate per Meter
4	Freight Charges	Rate per Meter
5	Service Tax, if and as applicable, on Freight (_____ %) Proof for the Payment of Service Tax shall be produced for the reimbursement of same.	Rate per Meter
6	Other Statutory Levies, if and as applicable (_____ %)	Rate per Meter
7	Transit Insurance Charges by Vendor in INR to be quoted per meter	Rate per Meter
8	Unit All-inclusive price (Rate per Meter) (1+2+3+4+5+6+7)	

M. THANGARAJU, M.I.E., M.B.A., M.S.
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BHEL : PIPING CENTRE : CHENNAI - 17
Limited Tender No. 4011600002 Dt. 18.01.2016
PRICED FIXATION TEMPLATE FOR INDIGENOUS BIDDERS - TO BE SUBMITTED WITH THE PRICED BID
ITEM SL.NO. 20

ITEM DESCRIPTION : PIPE OD-1524X9.53X6000-SA672GRB70CL22 - 15 Meters - Despatch to BHEL - Trichy Stores

Item Sl No	Tender Serial No ----->	20
	Item Description ----->	PIPE OD-1524X9.53X6000-SA672GRB70CL22 - 15 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	Rate per Meter
2	Excise Duty with Cess applicable on (1)(_____ %)	Rate per Meter
3	CST/VAT in %age _____ applicable on _____	Rate per Meter
4	Freight Charges	Rate per Meter
5	Service Tax, if and as applicable, on Freight (_____ %) Proof for the Payment of Service Tax shall be produced for the reimbursement of same.	Rate per Meter
6	Other Statutory Levies, if and as applicable (_____ %)	Rate per Meter
7	Transit Insurance Charges by Vendor in INR to be quoted per meter	Rate per Meter
8	Unit All-inclusive price (Rate per Meter) (1+2+3+4+5+6+7)	


M. THANGARAJ, M.I.E., M.B.A., M.S.
 Manager / Purchase
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 T. Nagar, Chennai - 600 017

Bidder's Signature and Seal

BHEL : PIPING CENTRE : CHENNAI - 17
 Limited Tender No. 4011600002 Dt. 18.01.2016

PRICED FIXATION TEMPLATE FOR INDIGENOUS BIDDERS - TO BE SUBMITTED WITH THE PRICED BID
 ITEM SL.NO. 30

ITEM DESCRIPTION : PIPE DIA 610.0 X 10.0 SA672GRB70CL22 - 30 Meters - Despatch to BHEL - Trichy Stores

Item Sl No	Tender Serial No ----->	30
Item Description ----->		
Elements of Cost		
1	BASE PRICE including Packing, Forwarding, Painting	Rate per Meter
2	Excise Duty with Cess applicable on (1)(----->	Rate per Meter
3	CST/VAT in %age ----- applicable on -----	Rate per Meter
4	Freight Charges	Rate per Meter
5	Service Tax, if and as applicable, on Freight (----- (%) Proof for the Payment of Service Tax shall be produced for the reimbursement of same.	Rate per Meter
6	Other Statutory Levies, if and as applicable (----- (%)	Rate per Meter
7	Transit Insurance Charges by Vendor in INR to be quoted per meter	Rate per Meter
8	Unit All-inclusive price (Rate per Meter) (1+2+3+4+5+6+7)	



M. TKANGARAJ. M.I.E., M.B.A., M.S.

Manager / Purchase
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 ICT Products & AMC
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 T. Nagar, Chennai - 600 017


Bidder's Signature and Seal

BHEL : PIPING CENTRE : CHENNAI - 17
 Limited Tender No. 4011600002 Dt. 18.01.2016

PRICED FIXATION TEMPLATE FOR INDIGENOUS BIDDERS - TO BE SUBMITTED WITH THE PRICED BID
 ITEM SL.NO. 40

ITEM DESCRIPTION : PIPE OD-1219X10.86X6000-SA672GRB70CL22 - 6 Meters - Despatch to BHEL - Trichy Stores

Item SI No	Tender Serial No ----->	40
	Item Description ----->	PIPE OD-1219X10.86X6000- SA672GRB70CL22 - 6 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	Rate per Meter
2	Excise Duty with Cess applicable on (1)(_____ %)	Rate per Meter
3	CST/VAT in %age _____ applicable on _____	Rate per Meter
4	Freight Charges	Rate per Meter
5	Service Tax, if and as applicable, on Freight (_____ %) Proof for the Payment of Service Tax shall be produced for the reimbursement of same.	Rate per Meter
6	Other Statutory Levies, if and as applicable (_____ %)	Rate per Meter
7	Transit Insurance Charges by Vendor in INR to be quoted per meter	Rate per Meter
8	Unit All-inclusive price (Rate per Meter) (1+2+3+4+5+6+7)	


 M. THANGARAJ, M.I.E., M.B.A., M.S.
 Manager / Purchase
 Pipes, Electrodes Transport Bills
 ICT Products & AMC
 BHEL / Piping Centre
 T. Nagar, Chennai - 600 017

Bidder's Signature and Seal

BHEL : PIPING CENTRE : CHENNAI - 17
 Limited Tender No. 4011600002 Dt. 18.01.2016

PRICED FIXATION TEMPLATE FOR INDIGENOUS BIDDERS - TO BE SUBMITTED WITH THE PRICED BID
 ITEM SL.NO. 50

ITEM DESCRIPTION : PIPE DIA 914.0 X 10.0 SA672GRB70CL22 - 240 Meters - Despatch to BHEL - Trichy Stores

Item Sl No	Tender Serial No ----->	50
	Item Description ----->	PIPE DIA 914.0 X 10.0 SA672GRB70CL22 - 240 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	Rate per Meter
2	Excise Duty with Cess applicable on (1) (_____ %)	Rate per Meter
3	CST/VAT in %age _____ applicable on _____	Rate per Meter
4	Freight Charges	Rate per Meter
5	Service Tax, if and as applicable, on Freight (_____ %) Proof for the Payment of Service Tax shall be produced for the reimbursement of same.	Rate per Meter
6	Other Statutory Levies, if and as applicable (_____ %)	Rate per Meter
7	Transit Insurance Charges by Vendor in INR to be quoted per meter	Rate per Meter
8	Unit All-inclusive price (Rate per Meter) (1+2+3+4+5+6+7)	


M. THANGARAJ. M.I.E., M.B.A., M.S.
 Manager / Purchase
 Pipes, Electrodes Transport Bills
 ICT Products & AMC
 BHEL / Piping Centre
 T. Nagar, Chennai - 600 017

Bidder's Signature and Seal

BHEL : PIPING CENTRE : CHENNAI - 17
 Limited Tender No. 4011600002 Dt. 18.01.2016

PRICED FIXATION TEMPLATE FOR INDIGENOUS BIDDERS - TO BE SUBMITTED WITH THE PRICED BID
 ITEM SL.NO. 60

ITEM DESCRIPTION : PIPE OD-1219X22X6000-SA691 2(1/4)CRCL22 - 30 Meters - Despatch to BHEL - Trichy Stores

Item SI No	Tender Serial No ----->	60
	Item Description ----->	PIPE OD-1219X22X6000-SA691 2(1/4)CRCL22 - 30 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	Rate per Meter
2	Excise Duty with Cess applicable on (1)(_____ %)	Rate per Meter
3	CST/VAT in %age _____ applicable on _____	Rate per Meter
4	Freight Charges	Rate per Meter
5	Service Tax, if and as applicable, on Freight (_____ %) Proof for the Payment of Service Tax shall be produced for the reimbursement of same.	Rate per Meter
6	Other Statutory Levies, if and as applicable (_____ %)	Rate per Meter
7	Transit Insurance Charges by Vendor in INR to be quoted per meter	Rate per Meter
8	Unit All-inclusive price (Rate per Meter) (1+2+3+4+5+6+7)	


M. THANGARAJ. M.I.E., M.B.A., M.S.
 Manager / Purchase
 Pipes, Electrodes Transport Bills
 ICT Products & AMC
 BHEL / Piping Centre
 T. Nagar, Chennai - 600 017

Bidder's Signature and Seal

BHEL : PIPING CENTRE : CHENNAI - 17
 Limited Tender No. 4011600002 Dt. 18.01.2016

PRICED FIXATION TEMPLATE FOR INDIGENOUS BIDDERS - TO BE SUBMITTED WITH THE PRICED BID
 ITEM SL.NO. 70

ITEM DESCRIPTION : PIPE OD-711X8X6000-SA691 2(1/4)CRCL22 - 72 Meters - Despatch to BHEL - Trichy Stores

Item SI No	Tender Serial No ----->	70
Item Description ----->		
Elements of Cost		
1	BASE PRICE including Packing, Forwarding, Painting	Rate per Meter
2	Excise Duty with Cess applicable on (1)(_____) %	Rate per Meter
3	CST/VAT in %age _____ applicable on _____	Rate per Meter
4	Freight Charges	Rate per Meter
5	Service Tax, if and as applicable, on Freight (_____ %) Proof for the Payment of Service Tax shall be produced for the reimbursement of same.	Rate per Meter
6	Other Statutory Levies, if and as applicable (_____ %)	Rate per Meter
7	Transit Insurance Charges by Vendor in INR to be quoted per meter	Rate per Meter
8	Unit All-inclusive price (Rate per Meter) (1+2+3+4+5+6+7)	


M. HANGARAJ, M.I.E., M.B.A., M.S.
 Manager / Purchase
 Pipes, Electrodes Transport Bills
 ICT Products & AMC
 BHEL / Piping Centre
 T. Nagar, Chennai - 600 017

Bidder's Signature and Seal

BHEL : PIPING CENTRE : CHENNAI - 17
 Limited Tender No. 4011600002 Dt. 18.01.2016

PRICED FIXATION TEMPLATE FOR INDIGENOUS BIDDERS - TO BE SUBMITTED WITH THE PRICED BID
 ITEM SL.NO. 80

ITEM DESCRIPTION : PIPE OD-864X8X6000-SA691 2(1/4)CRCL22 - 99 Meters - Despatch to BHEL - Trichy Stores

Item Sl No	Tender Serial No ----->	80
	Item Description ----->	PIPE OD-864X8X6000-SA691 2(1/4)CRCL22 - 99 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	
1	BASE PRICE including Packing, Forwarding, Painting	Rate per Meter
2	Excise Duty with Cess applicable on (1)(_____ %)	Rate per Meter
3	CST/VAT in %age _____ applicable on _____	Rate per Meter
4	Freight Charges	Rate per Meter
5	Service Tax, if and as applicable, on Freight (_____ %) Proof for the Payment of Service Tax shall be produced for the reimbursement of same.	Rate per Meter
6	Other Statutory Levies, if and as applicable (_____ %)	Rate per Meter
7	Transit Insurance Charges by Vendor in INR to be quoted per meter	Rate per Meter
8	Unit All-inclusive price (Rate per Meter) (1+2+3+4+5+6+7)	


M. THANGARAJ. M.I.E., M.B.A., M.S.
 Manager / Purchase
 Pipes, Electrodes Transport Bills
 ICT Products & AMC
 BHEL / Piping Centre
 T. Nagar, Chennai - 600 017

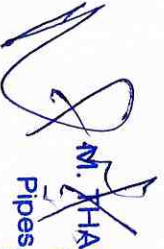
Bidder's Signature and Seal

BHEL : PIPING CENTRE : CHENNAI - 17
Limited Tender No. 4011600002 Dt. 18.01.2016

PRICED FIXATION TEMPLATE FOR INDIGENOUS BIDDERS - TO BE SUBMITTED WITH THE PRICED BID
ITEM SL.NO. 90

ITEM DESCRIPTION : PIPE OD 1118X28 SA691-2 1/4 CR CL22 - 26 Meters - Despatch to BHEL - Trichy Stores

Item Sl No	Tender Serial No ----->	90
	Item Description ----->	PIPE OD 1118X28 SA691-2 1/4 CR CL22 - 26 Meters - Despatch to BHEL - Trichy Stores
	Elements of Cost	Meters - Despatch to BHEL - Trichy Stores Rate per Meter in INR
1	BASE PRICE including Packing, Forwarding, Painting	Rate per Meter
2	Excise Duty with Cess applicable on (1)(_____) %	Rate per Meter
3	CST/VAT in %age _____ applicable on _____	Rate per Meter
4	Freight Charges	Rate per Meter
5	Service Tax, if and as applicable, on Freight (_____ %) Proof for the Payment of Service Tax shall be produced for the reimbursement of same.	Rate per Meter
6	Other Statutory Levies, if and as applicable (_____ %)	Rate per Meter
7	Transit Insurance Charges by Vendor in INR to be quoted per meter	Rate per Meter
8	Unit All-inclusive price [Rate per Meter] (1+2+3+4+5+6+7)	


M. SHANKARAJ, M.I.E., M.B.A., M.S.
 Manager / Purchase
 Pipes, Electrodes Transport Bills
 ICT Products & AMC
 BHEL / Piping Centre
 T. Nagar, Chennai - 600 017

Bidder's Signature and Seal

**TECHNO - COMMERCIAL CHECK-LIST**


ENQ NO. 4011600002 DT. 18.01.2016

Offer must be sent in two separate sealed envelopes containing Techno-commercial offer in one envelope marked "PART 1 - PQR & TECHNO-COMMERCIAL BID" and prices in second envelope marked "PART 2 - PRICED-BID". Both the envelope must be contained in the main envelope. Enquiry No., Name of Vendor and due date to be marked on all the envelopes. Please fill this Annexure & duly signed and stamped copy of this is to be submitted by you along with your offer.

Sl.No	Terms	Description	Supplier confirmation	Deviations if any
1	Technical Specification confirmation:	Acceptance to Confirmation to TDC for i) TDC Ref: TDC:TDG:08 Rev 03 ii) TDC Ref: TDC:TDG:09 Rev 03 Deviation if any shall be clearly indicated in the annexure. UNDISCLOSED DEVIATIONS ARE NOT ACCEPTABLE.		
2	Quality Requirements	Vendor to submit Manufacturing Quality Plan for BHEL approval along with Part-1 bid.		
3	Country of Origin	To be indicated		
4	PRICE	Quoted price will be firm till completion of order. Indigenous Vendors - F.O.R. BHEL TRICHY STORES. Packing & Forwarding, Freight & Insurance, Testing and IBR certification are in Supplier's scope i.e. included in the quoted prices.		
5	DELIVERY TERMS / DESTINATION *	Import Vendors - Confirm that prices have been quoted on CFR-CHENNAI inclusive of P&F, Freight, documentation charges, Internal & Third party Inspection and IBR certification charges. <u>Please do not quote on Ex-works basis.</u>		
6	PACKING&FORWARDI NG	Vendor scope.		


M. HANGARAJ M.E., M.B.A., M.S.
Manager / Purchase
Pipes, Electrodes, Transport Bills
ICT Products & AMC
BHEL / Piping Centre
T. Nagar, Chennai - 600 017

Sl.No	Terms	Description	Supplier confirmation	Deviations if any
7	Additional Loading for import vendors	i) Freight and Insurance from Chennai port upto Trichy Stores ii) Customs incidental charges iii) Customs Duty as applicable		
8	Service Tax on Freight for Indigenous vendors	If applicable, to be mentioned clearly by the bidder in the unpriced bid, which is to be submitted alongwith Techno-Commercial Bid. If the same is not mentioned in the techno-commercial bid and claimed at a later stage, it will not be entertained.		
9	EXCISE DUTY in %	Only for Indigenous Vendors - Extra as applicable Pls. note that the comparison of offers would be done as per the applicable duty structure on the date of opening of Price Bid.		
10	SALES TAX/VAT in %	Only for Indigenous Projects - EXTRA AS APPLICABLE. VENDOR TO CLEARLY MENTION THE SAME.		
11	CUSTOM DUTY	Only for Import Vendors - As applicable. Pls. note that the comparison of offers would be done as per the applicable Duty structure on the date of opening of Price Bid.		
12	ANY OTHER TAXES AND DUTIES	Indigenous and Import Vendors - TO BE MENTIONED CLEARLY BY THE VENDOR IN THE TECHNICAL BID. No changes will be permitted after the technical bid opening.		


M. THANGARAJ, M.I.E., M.B.A., M.S.
 Manager / Purchase
 Pipes, Electrodes Transport Bills
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 T. Nagar, Chennai - 600 017

Sl.No	Terms	Description	Supplier confirmation	Deviations if any
14	Evaluation criteria	<p>Ordering shall be as on size-wise basis. L-1 shall be decided based on the total net cash outflow to BHEL.</p> <p>Please note that for evaluation of offers of overseas bidders, the exchange rate for evaluation would be taken as TT Selling rate of SBI as on scheduled date of tender opening (Part-1 bid, i.e. PQR & techno-commercial offer).</p>		
15	Delivery	3 months from the date of Purchase Order		
16	TERMS OF PAYMENT	<p>Indigenous Vendors - 100% payment in 45 days after receipt and acceptance of material at Trichy-Stores.</p> <p>Import Vendors - 100% through 'CAD'. No loading will be applicable. If insisted for 100% through LC(only for import vendors) pl note that the vendor will be loaded @ 1.5% on total CIF Charges.</p>		
17	LD CLAUSE	<p>Indigenous Vendors - "If the supplier fails to deliver the Raw material/Components/Equipments within the period specified in the contract the purchaser shall deduct Liquidated Damages, a sum equivalent to 0.5% of the price for each week of delay or part thereof up to a maximum of 10% of the price of undelivered portion to be reckoned from the contract delivery date to cargo readiness date. (i.e, Date of LR).</p> <p>Import Vendors - "If the supplier fails to deliver the Raw material/Components/Equipments within the period specified in the contract the purchaser shall deduct Liquidated Damages, a sum equivalent to 0.5% of the price for each week of delay or part thereof up to a maximum of 10% of the price of undelivered portion to be reckoned from the contract delivery date to cargo readiness date. (i.e, Date of Bill of Lading).</p>		


M. THANGARAJ, M.I.E., M.B.A., M.S.
Manager / Purchase

Pipes, Electricals, Transport Bills

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BHEL / Piping Centre
T. Nagar, Chennai - 600 017



Sl.No	Terms	Description	Supplier confirmation	Deviations if any
18	OFFER VALIDITY	Minimum 120 days from the date of Technical Bid Opening		
19	BHEL STANDARD GUARANTEE CLAUSE	Your confirmation to our standard Guarantee clause that the materials are to be guaranteed for satisfactory performance for a period of 12 months from the date of acceptance of the materials at BHEL site, or 18 months from the date of shipment, whichever is later. Loading will be done for any deviations from BHEL Guarantee Clause. Replacement should be made free of cost for any parts failure due to manufacturing defect within the guarantee period.		
20	PBG (BANK GUARANTEE)	Bank Guarantee for 10% of the total PO value shall be submitted valid upto the end of guarantee period. Bank Guarantee to be submitted strictly as per BHEL format only. Vendor shall be eligible for payment only after submission of PBG.		
21	RISK PURCHASE CLAUSE	Your confirmation to our standard risk purchase clause that alternatively 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 as aforesaid or if the same were not available, the best and the nearest available substitute there for. The supplier shall be liable for any loss which the purchaser may sustain by reason of such risk purchases in addition to penalty at the rate mentioned in LD Clause above.		
22	PRICE EVALUATION	For an enquiry the prices will be decided either by Reverse auction or Price bid Opening mode. This shall be decided after techno-commercial evaluation. For new rule and regulations pertaining to price evaluation, refer to Annexure - 1		
23	PURCHASE PREFERENCE TO MSE VENDORS	In case the supplier belongs to MSEs (Micro Small Enterprises), Registration copy in this respect shall be submitted along with the offer. Further if MSEs are owned by the Scheduled Caste or the Scheduled Tribe entrepreneurs the same may be intimated. The following are the benefits for the MSEs :-		



Sl.No	Terms	Description	Supplier confirmation	Deviations if any
24	PURCHASE PREFERENCE TO MSE VENDORS	<p>1. MSEs are given tender documents free of cost and are exempted from payment of earnest money (EMD), if any insisted in the Tender.</p> <p>2. In tender, participating MSEs quoting price within price band of L1+15% shall also be allowed to supply a portion of requirement by bringing down their price to L1 price in a situation where L1 price is from someone other than a MSE and such MSE shall be allowed to supply up to 20% of total tendered value. In case of more than one such MSE, the supply shall be shared proportionately.</p>		
25	LOADING CRITERIA	<p><u>Payment Terms</u> - BHEL operates various payment terms for the tenders floated and bidders should accept the payment terms specified in the tender. Loading of any deviation in the payment terms w.r.t. NIT terms shall be referenced as follows;</p> <p>(a) '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.</p> <p>(b) Wherever LC payment terms are not offered in NIT and the same is insisted by bidder(s), all LC related bank charges to be incurred by BHEL shall also be loaded.</p> <p>(c) In case of deviation w.r.t. LC payment terms offered in NIT, the loading shall be done for all LC related bank charges to be incurred by BHEL.</p> <p><u>Liquidated Damages</u> - Any loading on LD clause shall be to the extent to which it is not agreed to by the bidder (at offered value).</p>		


M. THANGARAJ, M.I.E., M.B.A., M.S.
 Manager / Purchase
 Pipes, Electrodes Transport Bills
 ICT Products & AMC
 BHEL / Piping Centre
 T. Nagar, Chennai - 600 017

Sl.No	Terms	Description	Supplier confirmation	Deviations if any
26	Reverse Auction (R/A)	<p>BHEL reserves the right to go for reverse auction (RA) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. Bidder to give their acceptance for participation in RA. In case BHEL decides to go for reverse auction, only those bidders who have given their acceptance to participate in RA will be allowed to participate in the reverse auction. Those bidders who have given their acceptance to participate in reverse auction will have to necessarily submit "online sealed bid" in the reverse auction. Non-submission of "online sealed bid" by the bidder will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.</p> <p>ii) H1 bidder (whose quote is highest in online sealed bid) will not be allowed to participate in reverse auction.</p> <p>1. Confirmation & Supporting documents for PQR</p> <p>2. Complete Technical offer with relevant documents alongwith confirmation to BHEL technical specification and TDC</p> <p>3. Supplier Manufacturing Quality Plan</p> <p>4. Supplier Registration Form (for vendor's not registered at BHEL PC Chennai for this item. <u>SRF is to be submitted only after the vendor is techno-commercially accepted by BHEL and not in the Part-1 bid.</u>)</p> <p>Techno- Commercial Checklist</p>		
27	Documents to be submitted along with Part-1 offer	<p>Unpriced Bid Format along with the applicable taxes and duties to be submitted in Part-1 bid. (Money values shall not be indicated in the unpriced bid).</p> <p>Acceptance to "Important Information to Bidders" attached along with this Enquiry.</p>		
28	Un-Priced Bid Format			
29	Important Information to Bidders			

M. THANGARAJ. M.I.E., M.B.A., M.S.

Manager / Purchase

Pipes, Electrodes Transport Bills
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 BHEL / Piping Centre
 T. Nagar, Chennai - 600 017

Sl.No	Terms	Description	Supplier confirmation	Deviations if any
30	Inspection	<p>Indigenous Vendors - Inspection will be by BHEL/IBR approved Third party agency in line with approved MQP, TDC and PO. Necessary Inspection / Test certificates (IBR certificate - Form IIIA) shall be submitted by the vendor.</p> <p>Import Vendors - Inspection by IBR approved Third Party Agency in line with approved MQP, TDC and PO. Vendor to quote including the inspection charges. Necessary Inspection / Test certificates shall be provided (IBR certificate - Form IIIA) .</p> <p>Confirm that there is no deviation with respect to BHEL Specifications. However, deviations, if any, are to be listed as a separate attachment</p> <p>Please note no revision in the prices or submission of supplementary price bid will be allowed during the validity of the offer. However if there is any change by BHEL w.r.t. original specifications/ requirement/ scope/terms and conditions, the bidders may be asked by BHEL to submit only the price impact bid for such changes only.</p>		
34	General terms	<p>BHEL reserves the right to negotiate with L1 bidder.</p> <p>Signed order acceptance shall be furnished within 15 days of order placement. One copy duly signed and accepted to be returned as order acceptance. In case no communication is received within 15 days of placement of purchase order, the said order would be deemed to have been accepted.</p> <p>BHEL reserves right to cancel a tender without assigning any reason what so ever. Lowest prices received against BHEL tenders does not ensure ordering. BHEL reserves right not to consider the same. Deviation taken after placement of order will not be accepted (Both On technical and commercial grounds). Supplier to ensure correct & timely submission of all original test certificates. There should not be any discrepancies. This will lead to unnecessary time wastage in clarification and revision. All offers shall be sent before the due date. Offers shall be dropped into the tender box located at BHEL/PC, Purchase Department. No recording devices such as camera, voice recorder, mobile phones etc are allowed during tender opening.</p>		

M. THANGARAJ, M.I.E., M.B.A., M.S.
 Manager / Purchase

Pipes / Electrodes Transport Bills
 CT Products & AMC
 BHEL / Piping Centre
 T. Nagar, Chennai - 600 017

(BIDDER SEAL AND SIGNATURE)



ANNEXURE 1 – REVERSE AUCTION(RA) TERMS AND CONDITIONS

1. BHEL reserves the right to go for Reverse Auction (RA) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. All bidders to give their acceptance for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA.
2. In case BHEL decides to go for Reverse Auction, only those bidders who have given their acceptance to participate in RA will be allowed to participate in the Reverse Auction. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit „online sealed bid“ in the Reverse Auction. Non-submission of „online sealed bid“ by the bidder will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.
3. In case BHEL decides not to conduct RA, the envelope sealed price bids of all techno commercially qualified bidders shall be opened. Hence, it is advised to all vendors to submit the envelope price bids/e-price bids correctly.
4. In case of reverse auction, BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet. Business rules like event date, time etc., also will be communicated through service provider for compliance.
5. BHEL will provide the calculation sheet (e.g EXCEL sheet) which will help to arrive at “Total cost to BHEL like Packing & forwarding charges, Taxes and Duties, Freight charges, Insurance, Service Tax for Service and loading Factors with others Commercial terms & conditions for each of the vendor to enable them to fill-in the price and keep it ready for keying in during the Auction.
6. This excel sheet(without any rates) must be acknowledged and sent along with the compliance form to the service provider.
7. In order to have serious bidding in RA, the H1 bidder (whose quote is highest in online sealed bid) will not be allowed to participate in further RA process. Wherever more than one bidder is H1, all H1 bidders will not be allowed to participate in further RA.


M. THANGARAJ, M.I.E., M.B.A., M.S.
Manager / Purchase
Pipes, Electrodes Transport Bills
ICT Products & AMC
BHEL / Piping Centre
T Nagar, Chennai - 600 017

VENDOR



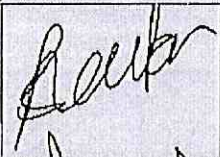
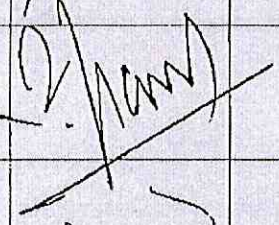
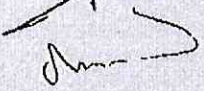

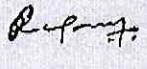
8. If the lowest "online sealed bid" is the starting price, then the lowest bidder in online sealed bid shall be shown as current L1 automatically by the system and no acceptance of that price is required.
9. BHEL reserves the right to treat RA as failed in cases, where no bidder accepts the start price. In such cases, envelope price bids/e-price bids shall be opened and processed accordingly. "Online sealed bid" prices will not be considered.
10. Time extension of 15 minutes based on the request from the bidder (maximum one request per bidder) on account of inability to bid can be given, provided such requests come before five minutes of auction closing time.
11. The lowest bidder has to Fax the duly signed Filled-in prescribed format as provided on case-to-case basis to BHEL through Service Provider immediately at the end of RA without fail.
12. Any variation between the on-line bid value and the signed document will be considered as sabotaging the tender process and will invite disqualification of vendor to conduct business with BHEL as per prevailing procedure.
13. After emerging as L1, if the vendor backs out from delivering at the entered prices, appropriate action would be taken against the vendor as per BHEL procedures. Hence, it is advised to take utmost care and ensure correct bidding during the Reverse Auction.

M. THANGARAJ, M.I.E., M.B.A., M.S.
BHEL
Manager / Purchase
Pipes, Electrodes Transport Bills
ICT Products & AMC
BHEL / Piping Centre
T. Nagar, Chennai - 600 017

VENDOR

**BHARAT HEAVY ELECTRICALS LIMITED
PIPING CENTRE, CHENNAI – 600 017.**

Title : Technical Delivery Conditions for plate formed pipes
to ASME SA 672.
Specification No: TDG : 08 Rev : 03
Project : ALL PROJECTS
Material : ASME SA 515
Equipment : Pipes.

Accepted By:- Engineering				
Materials Management				
OP & C				
Rev : NO:-	03	04	05	06
Date :-	03.10.2005			
Prepared / Revised by				
Reviewed / Approved by				

Issued by Piping Centre / Quality Assurance

Page 1 of 5

TECHNICAL DELIVERY CONDITION FOR PLATE FORMED : TDG:08:03
PIPES TO ASME SA 672 : 03/10/2005

REV NO	REVISED CLAUSE	DESCRIPTION
2	6.1	Heat Treatment as per specification added.
2	---	Other clauses Re- worded for better clarity.
3	4.1 Modified	Cirscam weld included



TECHNICAL DELIVERY CONDITION FOR PLATE FORMED : TDG:08:03
PIPES TO ASME SA 672 : 03/10/2005

1.0 **SCOPE**

- 1.1 This technical delivery condition specifies the additional requirements for the delivery of Electric Fusion Welded pipes conforming to ASME SA 672
- 1.2 The grades covered are B60, B65 and B70
- 1.3 The class of the pipes shall be C1.22 (Stress Relieved condition).
- 1.4 These pipes are intended for power piping services at stress levels and temperature allowed by ASME B31.1 and IBR.
- 1.5 The pipes shall conform to size, grade and quantity as specified in the enquiry/purchase order.

2.0 **APPLICABLE CODES AND PROCEDURES**

- 2.1 The pipes shall also conform to INDIAN BOILER REGULATIONS, 1950.
- 2.2 All welders, welding procedures shall be qualified as per ASME Section IX, and IBR.
- 2.3 Non-Destructive Examination procedures shall be as per ASME Section V.

3.0 **MATERIAL**

- 3.1 The chemical composition of the steel plates shall be as per ASME SA 515 Gr.60 for B60, Gr.65 for B65 and Gr.70 for B70 except that the carbon percentage shall be limited to 0.25% irrespective of plate thickness.
- 3.2 The steel shall be of fully killed plain carbon steel.
- 3.3 The plate shall be in control rolled or normalised condition. The heat treatment condition of the plate shall be recorded in the Test Certificate.

4.0 **WELDING**

- 4.1 The joints which includes longitudinal and circumferential welds shall be full penetration welds made in accordance with the qualified procedures as per ASME Section IX. Longitudinal seams on adjacent pipe shell shall be offset by at least 90 deg.
- 4.2 One production test coupon per size/per melt shall be made for every 60 meters as per Chapter IX of IBR.

5.0 **NON-DESTRUCTIVE EXAMINATION**

- 5.1 All the plates used for the manufacture of pipe shall be ultrasonically tested. UT testing shall be done as per A435 and acceptance standard shall be as per A-578 Level-B.
- 5.2 The full length of each weld shall be radiographically examined in accordance with ASME SA 672 and accepted as per ASME Section VIII - paragraph UW -51.

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- 5.3 Weld repairs shall be carried out as per ASME SA 672 and accepted as per ASME Section VIII.
- 5.4 When two long seam pipes are joined to make the required length, the long seams shall be at least 90deg apart from each other. 100% RT shall be carried out on the circumferential and "T" joint.
- 6.0 **HEAT TREATMENT**
- 6.1 All the pipes shall be heat treated as per SA 672 specification.
- 7.0 **MECHANICAL TESTS**
- 7.1 Wherever applicable, the plate shall be subjected to tensile test at 350deg C and a bend test as per IBR.
- 7.2 Mechanical and metallurgical test shall be carried out as per Chapter XII of IBR on each welded test plate. The tests to be conducted are listed below:
- | <u>Type of test</u> | <u>No. of tests</u> | <u>Reference Standard</u> |
|-----------------------------------|---------------------|---------------------------|
| a) Tension test for weld seam | 1 | ASME Section IX-QW-422 |
| b) All weld metal tension test | 1 | IBR Reg.259 |
| c) Guided bend test (Face & Root) | 2 each | ASME Sec.IX-QW-462 (a) |
| d) Macro & Micro structure test | 1 each | IBR & ASME Sec.IX |
| e) Impact test Charpy-V | 1 set | ASTM A370 Type-A |
- 7.3 One test plate may represent a lot of pipes up to 60 meters in length.(also refer 4.2above) Test plate shall be of the same grade of material, same melt, and same thickness of the pipe and shall be subjected the same heat treatment of the pipe.
- 8.0 **HYDRAULIC PRESSURE TEST**
- 8.1 Each length of pipe shall be subjected to a hydraulic test pressure as per ASME SA530, but in no case the test pressure shall be less than 1.5 times the design pressure or the HTP value indicated in the purchase order.
- 9.0 **DIMENSIONAL TOLERANCES**
- 9.1 The tolerance on length, outside diameter, out of roundness, wall thickness and weight shall be as per ASME SA 672.
- 9.2 Dimensional report supported with the necessary sketch/details shall be included in Test Certificate.

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10.0 **WORKMANSHIP**

10.1 All pipes shall have smooth surfaces, free from loose scales and defects like laps, seams, folds, cracks, pitting etc. The surface imperfection beyond the permissible limit of ASME SA 672 shall be removed mechanically without affecting the minimum thickness and workmanlike finish. All pipes shall be coated with resin type translucent rust preventive or rust inhibitor on the inside and outside.

11.0 **COLOUR CODE:-**

11.1 Each pipe shall be colour coded longitudinally.

SA 672 B60 Cl.22 - Red & White

SA 672 B65 Cl.22 - Red & Blue

SA 672 B70 Cl.22 - Red & Aluminum

12.0 **MARKING AND PACKING**

12.1 P.O.No, SIZE, LENGTH, QTY, SPECIFICATION, GRADE, MELT/HEAT No, MAKER'S MARK AND INSPECTOR SEAL shall be hard punched and paint stenciled on the pipe 100mm away from both ends. All pipes shall be sent as loose with proper sling marks and end stiffeners .

13.0 **CERTIFICATES**

13.1 Three original test certificates typed in English shall be given along with the pipes.

13.2 The pipes must be delivered along with test certificates legibly written in English.

13.3 The test certificates shall furnish the following details:

- a. Purchase Order Reference.
- b. Test Certificate Number.
- c. Specification, grade, size and dimension.
- d. Steel making process of the plate .
- e. Heat number of the plate.
- f. Ladle analysis of plate.
- g. Heat treated condition of plate.
- h. Mechanical test results of the plate.
- i. Mechanical and metallurgical test results of the weld test coupons.
- j. Radiography test reports with acceptance standard.
- k. Heat treated condition of pipe.
- l. Hydraulic test pressure results.
- m. Ultrasonic test results with acceptance standard.

13.4 All the plates and pipes must be inspected at the mills and the test certificates in IBR Form IV and IIIA shall be countersigned by an inspecting authority recognised under Appendix-C of IBR.

13.5 The pipes shall be subjected to inspection by authorities nominated by BHEL and the test certificate shall be countersigned by them.





1.0 CODES

The pipes shall be manufactured & supplied as per ASME SA691 meeting Indian Boiler regulations (IBR) requirements. The following requirements shall also be taken care.

2.0 **RAW MATERIAL** : Plate used shall conform to SA691 requirements.

3.0 **WELDING** : The joints shall have full penetration welds. The welder & welding procedure shall be Qualified as per ASME Sec.IX & IBR.

4.0 **HEAT TREATMENT** : All Pipes shall be heat treated as per SA691.

5.0 NON DESTRUCTIVE EXAMINATION

5.1 **ULTRASONIC TEST**: All plates used shall be ultrasonically tested to ASME SA578 and Accepted as per Level-A of SA578.

5.2 **RADIOGRAPHY TEST**: All welds shall be radiographically examined as per ASME Sec V and accepted as per UW 51 of ASME Sec VIII.

5.3 **HYDROSTATIC TEST**: Every pipe shall be hydrostatically tested at the pressure specified in the purchase Order.

6.0 **PRODUCT ANALYSIS**: Product Analysis of Plate and Weld shall be carried out as per SA691.

7.0 MECHANICAL TESTS

7.1 (a) Transverse Tension test and (b) Guided Bend test for weld seams shall be conducted as per SA691.

7.2 (a) All Weld metal tension test (refer IBR reg.259 Fig.19), (b) Impact test and (c) Micro & Macro structure test shall be conducted meeting IBR requirements.

7.3 Test samples shall be chosen meeting material specification / IBR requirements.

7.4 Any other test as called for in the latest revision of SA691 & IBR shall also be conducted.

8.0 DIMENSIONAL TOLERANCE

The dimensional tolerances of the pipe shall be as per SA691. Dimensional report shall be furnished.

9.0 WORKMANSHIP

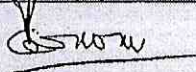
All pipes shall be free from loose scales and defects like cracks, pitting etc and shall meet the requirements of ASME SA691.

10.0 MARKING, PAINTING & EDGE PREPARATION

10.1 The Pipes dispatched to **BHEL Stores** shall be Paint stencilled and Hard punched on the Pipes 100mm away from pipe ends as indicated below.

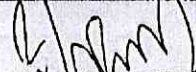
- 1) PO Number 2) Supplier's emblem/code 3) Specification & grade 4) Heat number
5) Size 6) No. of pipes 7) Inspector's seal

All pipes shall have squared ends and protected with translucent rust preventive on the outside.


G.Venkataramani, Engg&Quality

Approved by

G.Panneer Selvam, QA


K. Ganeshan, OPC&MPL



10.2 The Pipes if dispatched directly to project site as DTS shall be hard punched and paint stencilled with DU code (14 digit work order du detail) as given by purchase in addition to marking done as per Para 9.1. And also Painting and Edge preparation shall be done as indicated in P.O.

11.0 COLOUR CODING

Pipes shall be longitudinally colour coded as follows:

- a) 1 Cr : Black & Red
- b) 1 ¼ Cr : Green & White
- c) 2 ¼ Cr : Blue & Red

12.0 INSPECTION AND CERTIFICATION (In English only): -

All Pipes are to be Inspected at the manufacturer's works by the Inspection agencies / authorities as per IBR and as indicated in the P.O. Inspection certificate in IBR Form III A (IBR Form IIID for well known Pipe maker) shall be submitted along with the Work Test Certificate countersigned by the above authorities and shall include the following.

1. Test Certificate Number & date.
2. BHEL P.O Number & P.O. Serial Number
3. BHEL TDC Number
4. Specification, Grade, Size & Dimension.
5. Heat/Melt Number
6. Steel making process, Chemical analysis, Heat treated condition & Ultrasonic test results with acceptance norms for Plates.
7. Product analysis of the Weld.
8. Mechanical and metallurgical test results of the weld test coupons.
9. Heat Treated condition of the Pipe.
10. Radiography test reports with acceptance standard.
11. Dimensional report.

13.0 RECORDS OF REVISIONS

(i) Rev 03 – Entire document has been modified for better clarity.

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G.Venkataramani, Engg&Quality

Approved by

G.Panneer Selvam, QA

K. Ganeshan, OPC&MPL