



BHEL : PIPING CENTRE : CHENNAI – 600 017

ENQUIRY NO: 4010900027

DATE: 31.08.09

IMPORTANT INFORMATION TO BIDDERS.

1. This Tender is a **TWO PART BID.**
Type and quantum of work is detailed in "SCOPE OF WORK"
2. The quoted price shall be " FIRM " till the complete execution of the scope.
3. Mode of Operation for Price Bid – Reverse Auction
4. Last date for submission of offer **11.09.09 - Time - 13.30 Hours.**
5. Techno-Commercial Bid Opening Date **11.09.09 - Time - 14.30 Hours.**
6. The above bid shall be sent in a sealed cover duly indicating

Enquiry No. & date, Tender Opening date and "IS 3589 PIPES - Various Projects – BOKARO, MAITHON RIGHT BANK AND CHHABRA"

To
ADDL.GM / MM
BHEL - Piping Centre
Old No 93, (New No:80) G N Chetty Road
T Nagar / Chennai 600 017 . PHONE : 28158819 / 28161299

SCOPE OF WORK :

BHEL requires the below mentioned quantities of various sizes of Welded Pipes – Pipes either **Spiral or Longitudinal Seam Weld** conforming to IS 3589 FE 410 Pipes with Painting and as per TDC-TDG:07:05 and to be delivered to BHEL various project sites. The raw material plate is to be arranged by suppliers themselves.

LIST OF ITEMS

Enq. Sl.no	Pipe Size in MM OD x Thickness	Hydro Test (Bars)	Qty. Mtrs	Destination Project Site	Delivery	Work Order Details
10	813mm x 10mm UG	40	300.0	BOKARO	DEC'09 – FEB'10	P 7013-1-80-468-005
20	813mm x 10mm OG	40	40.0	BOKARO		P 7013-1-80-468-006
30	914mm x 10mm UG	12	36.0	BOKARO		P 7013-1-80-468-003
40	914mm x 10mm OG	12	24.0	BOKARO		P 7013-1-80-468-004
50	1829mm x 14mm OG	21	28.0	CHHABRA		P 7021-1-80-468-001
60	1829mm x 14mm OG	21	28.0	CHHABRA		P 7022-1-80-468-001
70	2235mm x 18mm UG	26	60.0	BOKARO		P 7013-1-80-468-002
80	2235mm x 18mm UG	26	30.0	MAITHON		P 6958-1-80-468-001
90	2235mm x 18mm OG	24	10.0	RIGHT BANK		P 6959-1-80-468-001
100	3240mm x 20mm UG	18	550.0	BOKARO		P 7013-1-80-468-001

Total Weight ~ 1088 MT

TECHNICAL CUM COMMERCIAL

Technical :

1. The bidder shall supply the Welded Pipes, as per IS 3589 Specification and BHEL TDC. The Bidder shall also comply with the following BHEL documents.
 - a. Technical requirements viz. Length, Edge Preparation, Spider Arrangement, Quality Plan etc, as finalized and agreed in MOU (Enquiry No. BHEL:PC:PUR:CW:IS 3589 : 001 Dt. 24.04.08)
 - b. Painting requirements for CW Piping as per the enclosed Painting QP for Bokaro, Chhabra and Maithon Right Bank projects.



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Commercial :

1. The prices quoted by the Bidder shall be on F.O.R. Ex-works basis with Freight extra for transportation of Finished pipes to various project sites. Price quoted shall be "FIRM" till the execution of the complete scope with raw material plate in their scope.
2. Payment for freight will be based on per meter.
3. The bidder shall furnish all the breakups as requested in the price bid format as enclosed.
4. The bidder shall clearly indicate the source of supply and all the applicable Taxes / Duties / CESS.
5. Delivery – Commence in Dec'2009 and Completion in Feb'2010. The Bidder shall strictly confirm to our delivery requirement. Deviation in Delivery is liable for rejection.
6. Bidder shall give a minimum validity of 60 days for the price offer.
7. All other commercial terms as finalized and agreed in the MOU (Copy enclosed. Enquiry No. BHEL:PC:PUR:CW:IS 3589 : 001 Dt. 24.04.08)
8. In case of incomplete/inadequate information provided against the requirements of this tender, the offer shall be liable for rejection.
9. L1 bidder shall not automatically qualify for getting the order and BHEL has the right to negotiate price and delivery and if warranted BHEL shall also split the order on two or more parties. If split between 2 parties the ratio shall be 60:40. 60% on original L1 bidder and 40% to L2 bidder who has matched with L1 price.

PRICE :

The bidder shall provide the price strictly as per the price format annexed herewith. In this addition to the hard copy, the bidder has to submit in soft copy also in excel format (Preferably in CD).

- a. Base Price shall include Cost of Raw Material plus conversion cost per Meter of bare pipe including Edge Preparation and providing Spider Arrangement and Testing as per BHEL TDC : TDG : 07 : 05.
- b. Ordering shall be on FOR - Site basis.
- c. Percentage of applicable Taxes, Duties, CESS, Service Tax on Transportation etc shall be clearly indicated.
- d. Service Tax, if included in Freight or extra, shall be clearly indicated.
- e. A soft copy of the price format with price details are also to be sent along with price bid.

Prices quoted shall be " FIRM " till complete execution of the scope and bidder shall give **validity** of this price offer for a period of **minimum 60 days** from the date of opening of Bids.



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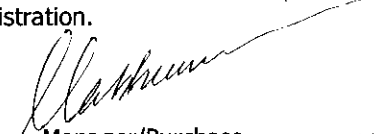
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LIST OF DOCUMENTS ENCLOSED :

1. Painting Quality Plans
 - A. Bokaro - Painting QP Reference No. 7013 : QPC : 01 Rev 00 Dt. 18.08.08
 - B. Chhabra– Painting QP Reference No. 7021 : QPC : 12 Rev 00 Dt. 10.11.08
 - C. Maithon Right Bank - Painting QP Reference No. 6958 : QPC : 12 Rev 00 Dt. 10.06.09
2. BHEL TDC : TDG : 07 : 05
3. Price Format

The above documents form part of this tender document and bidder shall ensure that they have received all these along with tender and confirm.

- **Pre Qualified** is the criteria for consideration for other than the BHEL Approved Vendors. After qualifying for registration, the new Vendors, may be considered for future inline with their system and policy. Such Vendors will not be considered in this Enquiry.
- The new Vendors may download Vendor registration forms from BHEL Web Site www.bhel.com and submit all relevant data for formal registration.


Manager/Purchase
S. LAKSHMINARAYANAN
Manager/ Purchase
BHEL / Piping Centre
80 G.N. Road, T. Nagar
Chennai - 600 017

Enquiry No. 4010800022 Dt.31.08.2009
 Price Format for Bokaro Cooling Water Piping
 Painting QP Reference No. 7013 : QPC : 01 Rev 00 Dt. 18.08.08

Under Ground - As per Sl.no. 2 of Painting Scheme

Sl. No	Pipe Size	Material Code	Total Qty in Mtrs	Base Price of Pipe Rate/Mtr (Ex-Works) as per TDC: TDG:07:05	Extra Coating Rate/Mtr (Epoxy Rich Primer-1 x 50 Microns) - Coat	inside Extra Coating Rate/Mtr (Epoxy Rich Zinc Primer-1 x 50 Microns) - Primer Finish Paint	inside Extra Coating Rate/Mtr (Coal Tar Epoxy - 2 x 100 Microns) - Finished Pipe to Bokaro Site	Extra Transportation Cost/Mtr
1	1813 x 10 UG	159385800000	300					
2	2914 x 10 UG	159385830000	36					
3	2235 x 18 UG	1593859700UG	60					
4	3240 x 20 UG	1593860100UG	550					
USE EXCEL FILE -PRICE FORMAT- GIVEN BY US (REFER ENCLOSED PRICE FORMAT) FOR GIVING YOUR OFFER								

Work Order Details

1. Pipe Dia 813 x 10 UG - P 7013 - 1 - 80 - 468 DU 005 - 300 Mtrs
2. Pipe Dia 914 x 10 UG - P 7013 - 1 - 80 - 468 DU 003 - 36 Mtrs
3. Pipe Dia 2235 x 18 UG - P 7013 - 1 - 80 - 468 DU 002 - 60 Mtrs
4. Pipe Dia 3240 x 20 UG - P 7013 - 1 - 80 - 468 DU 001 - 550 Mtrs

Over Ground - As per Sl.no. 2 & 3 of Painting Scheme

Sl. No	Pipe Size	Material Code	Total Qty in Mtrs	Base Price of Pipe Rate/Mtr (Ex-Works) as per TDC: TDG:07:05	Extra Coating Rate/Mtr (Epoxy Rich Primer-1 x 50 Microns) - Coat	inside Extra Coating Rate/Mtr (Epoxy Rich Zinc Primer-1 x 50 Microns) - Primer Finish Paint	inside Extra Coating Rate/Mtr (Coal Tar Epoxy - 2 x 100 Microns) - Finished Pipe to Bokaro Site	Extra Coating Rate/Mtr (Synthetic Enamel - IS 2932 - Smoke Grey Shade No. 692 of IS 5 - 1 x 75 Microns) - Finish Paint	Extra Transportation Cost/Mtr
1	1813 x 10 OG	159385800000OG	40						
2	2914 x 10 OG	159385830000OG	24						
USE EXCEL FILE -PRICE FORMAT- GIVEN BY US (REFER ENCLOSED PRICE FORMAT) FOR GIVING YOUR OFFER									

Work Order Details

1. Pipe Dia 813 x 10 OG - P 7013 - 1 - 80 - 468 DU 006 - 40 Mtrs
2. Pipe Dia 914 x 10 OG - P 7013 - 1 - 80 - 468 DU 004 - 24 Mtrs

Enquiry No. 4010900027 Dt.31.08.09
Price Format for Maithon Right Bank LP Piping
 Painting QP Reference No. 6958 : QPC : 12 Rev 00 Dt. 10.06.09
 Under Ground - As per Sl.no. 1 a & 2 of Painting Scheme

Sl. No	Pipe Size	Material Code	Total Qty in Mtrs	Base Price of Pipe	Extra Coating Rate/Mtr	inside (Epoxy Rich Zinc Primer-1 x 50 Microns) - Finish Paint	Extra Coating Rate/Mtr	inside (Coal Tar Epoxy - 2 x Oxide Phosphate - Alkyd base - IS 12744 - 1 x 30 Microns) - Primer	Outside (Red Zinc Pipe to Maithon Site)	Extra Transportation Cost/Mtr of Finished Pipe to Maithon Site
1	2235 x 18 UG	1593859700 UG	30							
USE EXCEL FILE -PRICE FORMAT- GIVEN BY US (REFER ENCLOSED PRICE FORMAT) FOR GIVING YOUR OFFER										

Work Order Details
 1. Pipe Dia 2235 x 18 UG - P 6958- 1 - 80 - 468 DU 001 - 30 Mtrs

Over Ground - As per Sl.no. 1 a & 3 of Painting Scheme

Sl. No	Pipe Size	Material Code	Total Qty in Mtrs	Base Price of Pipe	Extra Coating Rate/Mtr	inside (Epoxy Rich Zinc Primer-1 x 50 Microns) - Finish Paint	Extra Coating Rate/Mtr	inside (Coal Tar Epoxy - 2 x Oxide Phosphate - Alkyd base - IS 12744 - 1 x 30 Microns) - Primer	Outside (Epoxy Rich Zinc Primer-1 x 50 Microns) - Intermediate Coat	Extra Transportation Cost/Mtr of Finished Pipe to Maithon Site
1	2235 x 18 OG	159385970000	10							
USE EXCEL FILE -PRICE FORMAT- GIVEN BY US (REFER ENCLOSED PRICE FORMAT) FOR GIVING YOUR OFFER										

Work Order Details
 1. Pipe Dia 2235 x 18 UG - P 6958- 1 - 80 - 468 DU 001 - 10 Mtr