

TENDER DOCUMENT

Retrofitting of Mass Flow Meter in Natural Gas Pipe Line, HEEP, BHEL, Haridwar

NIT No.: WEX/NG/FM/2012-13 Dt.12.02.2013



**BHARAT HEAVY ELECTRICALS LIMITED,
HEEP, RANIPUR, HARIDWAR-249403**

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HEEP, RANIPUR, HARIDWAR**

NIT No.: WEX/NG/FM/2012-13 Dt.12.02.2013

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**BHARTAT HEAVY ELECTRICALS LIMITED,
HEEP, RANIPUR, HARDWAR-249403**

OFFICE OF MANAGER (WEX-DG&PGP)

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TENDER NOTICE

Open Tender in Sealed envelope are invited for **Retrofitting of Mass Flow Meter in Natural Gas Pipe Line, HEEP, BHEL, Hardwar** in two part bid (**Techno-commercial & Price Bid**) through Registered Post/ Courier/ By Hand **up to 02:00 PM on dated 05.03.2013** in the tender box kept in the Tender Room of Purchase department at the 4th floor of the Main Administrative Building of BHEL, HEEP, Haridwar.

Last date of receipt of Tender : 05.03.2013 upto 02:00 PM

Date of opening of Tender : 05.03.2013 at 02.30 PM
(Techno-commercial bid only)

**Place of opening of Tender : Tender Room, 4th Floor,
Main Administrative Building, HEEP
BHEL, Ranipur, Haridwar-249403**

NIT No. & Date	Name of work	Earnest Money (Rs)	Tender Cost (Rs)
WEX/NG/FM/2012-13 Dt.12.02.2013	Retrofitting of Mass Flow Meter in Natural Gas Pipe Line, HEEP, BHEL, Hardwar	10,000/-	250/-

Manager(WEX-DG/PGP)

(Signature & Seal)

NIT No. : WEX/NG/FM/2012-13 Dt.12.02.2013

SPECIAL INSTRUCTIONS

- 1.** Tender shall be submitted in two part bid (Techno-commercial & Price Bid). Both the bid shall be sealed in separate envelopes. Both the envelopes of Techno-commercial & Price Bid shall be sealed in third envelop. All the envelops shall be superscripted with NIT No., Name of work, Name of Party/Contractor and their offer No.
- 2.** **Tender cost of Rs. 250/-** shall be submitted in the form of cash or Bank Draft of any nationalized Bank in favour of Accounts Officer (Finance), HEEP, BHEL, Ranipur, Haridwar and should be kept in bid envelop. The tender cost may be deposited in the form of Cash at BHEL Cash Counter & receipt of the same to be kept in Bid envelope. The Tender documents shall be downloaded from our web-site i.e. www.bhelhwr.co.in.
- 3.** **Earnest Money for Rs. 10,000/-** shall be submitted in the form of Cash, Pay Order or Bank Draft of any nationalized Bank in favour of Accounts Officer (Finance), HEEP, BHEL, Ranipur, Haridwar payable at Haridwar and shall be placed in the Bid envelope.
- 4.** The bid shall be opened on **05.03.2013 at 2.30 PM** in the presence of interested authorized representatives of the parties available at the time of opening of the tender.
- 5.** The party shall sign each page of tender document along with their seal.
- 6.** The rates must be quoted in figures as well as in words.
- 7.** Tenders which are not received in the above manner shall be rejected.
- 8.** All subsequent amendments / changes shall only be notified on BHEL website www.bhel.com

Manager(WEX-DG/PGP)

(Signature & Seal)

Scope of Supply and Work

NIT No. : WEX/NG/FM/2012-13 Dt.12.02.2013

Name of Work : Retrofitting of Mass Flow Meter in Natural Gas Pipe Line

Purpose: Purpose of retrofitting of natural gas flow meter is to measure the quantity of natural gas supply. Flow meter will display rate of flow as well as cumulatively totalize the quantity of natural gas flowing through pipe line.

S.No.	Description	Quantity	Compliance (Yes/No)
1.0	<u>Scope of Supply:</u>		
1.1	Flow Meters as per following technical specification of reputed make	2 Nos.	
1.1.1	Type : Rotary Positive Displacement (RPD) / Turbine type with electronic volume corrector / convertor and measure natural gas in Standard Cubic Meter		
1.1.2	Display : LCD/LED Digital Display cum Totaliser type		
1.1.3	Flow Rate : 0 - 150 SCMH		
1.1.4	Pipe Line Dia. : 4 inch		
1.1.5	Operating Pressure : 0- 6 bar		
1.1.6	Operating Temperature: 0-60 °C		
1.2	Operation and Troubleshooting Manual	3 Set	
2.0	<u>Scope of Work</u>		
2.1	Installation of supplied Flow Meters in Natural gas pipe line	1 Set	
2.2	Commissioning and Testing of complete system		

(Signature & Seal)

NIT No. : WEX/NG/FM/2012-13 Dt.12.02.2013**Terms & Conditions of Tender**

S. No.	Terms & Conditions	Compliance (Yes/No)
1.	Tenders without Earnest Money Deposit (EMD) & Tender Cost shall be rejected. No other ground for waving of EMD is acceptable other than if the company is Joint venture company of BHEL / Central /State PSUs / Government Deptts	
2.	Earnest money shall be refunded to the unsuccessful bidders after award of the work to the successful bidder. Earnest money shall bear no interest. Earnest money shall be forfeited if a bidder withdraws his offer after opening of tender and/or if the lowest bidder refuses/shows his inability to execute the work and/or stops/abandon the work before completion	
3.	Party will have to sign a Contract Agreement and Indemnity Bond on Non Judicial Stamp Paper of Rs. 100/- respectively after getting work order from HEEP, BHEL, Haridwar	
4.	Party shall submit of valid Sales Tax, Service Tax registration and along with tender	
5.	All other General Terms and Condition of BHEL will also be applicable to this contract	
6.	Price bids of techno commercially accepted vendors only shall be opened.	
7.	<u>Security Deposit(SD) & Performance Bank Guarantee(PBG):</u>	
7.1	Successful vendor shall have to deposit security @ 10% of work order value	
7.2	Security Deposit shall not carry any interest.	
7.3	EMD of successful vendor can be converted and adjusted against the Security Deposit.	
7.4	100% of the Security Deposit amount shall be refunded to the vendor after post commissioning successful running of the machine for one month. SD shall be released after the submission of Performance Bank Guarantee (PBG) by the vendor	
7.5	Vendor shall be required to submit a performance bank guarantee (PBG) for 10% of the total work order value which shall be valid for a period of 12 months from the date of successful commissioning.	
7.6	The PBG shall be submitted on a non-judicial stamp paper of value not less than Rs.80/- issued by any one of the nationalized banks	
8.	<u>Payment Terms:</u>	
8.1	First payment of 80% of material cost along with 100% taxes & duties shall be payable after receipt of material at BHEL.	
8.2	Final payment of balance 20% of material cost, 100% of commissioning cost and refund of 100% of the Security Deposit amount will be made after post commissioning successful running of the flow meter, subjected to submission of PBG	

(Signature & Seal)

9.	<u>Delivery Period:</u>	
9.1	<u>Material</u> : 02 months from the date of placement of Work Order	
9.2	<u>Commissioning</u> : within 03 days from the date of start of work	
10.	<u>BHEL's Obligation</u>	
10.1	Input power supply at single point for meter	
10.2	Any type of civil related work	
10.3	Any type of welding related work.	
11.	<u>Vendor's Obligation:</u>	
11.1	Vendors shall visit the site and hold technical discussions with BHEL before submitting their bids.	
11.2	Any Material or work not specified in scope of supply/scope of work but required for successful completion of work may be advised and quoted by the Party along with their bid. No changes shall be permissible after the placement of Work Order by BHEL and the same shall have to be supplied and commissioned free of cost.	
11.3	Party shall bring all required tools (power as well as hand tools), Meters and testing equipment as required for installation and commissioning.	
12.	<u>ACCEPTANCE :</u> Acceptance after demonstration of all features of flow meter to the satisfaction of BHEL.	
13.	<u>COMMERCIAL TERMS</u>	
13.1	<ul style="list-style-type: none"> • The prices should only be on F.O.R BHEL, Haridwar basis inclusive of Packing charges, Forwarding charges, Freight & Insurance. • Applicable % of ED, Sales Tax, Service Tax etc. should be clearly indicated in Price bid. 	
13.2	Validity of offer shall be for a minimum period of 120 days from the date of Tender Opening.	

(Signature & Seal)

UNPRICE BID FORMAT

Name of Work : **Retrofitting of Mass Flow Meter in Natural Gas Pipe Line**

NIT No. & Date: **WEX/NG/FM/2012-13 Dt.12.02.2013**

Bidder's Offer No. & Date : _____

S. No.	Item	Basic Rate (in Rs.)	Excise Duty (in %)	VAT/CST (in%)	Service Tax (in %)	Total Value (in Rs.)
1.	Material Cost	"Please see price bid"	To be filled by bidder	To be filled by bidder		"Please see price bid"
2	Installation & Commissioning Charges	"Please see price bid"			To be filled by bidder	"Please see price bid"
	Total Cost (in Figures)					"Please see price bid"
	Total Cost (in Words) :					"Please see price bid"

Note : Material Cost should be inclusive of Packing, Forwarding, Freight & Transit Insurance charges

(Signature & Seal)

CHECK LIST FOR TENDER

NIT No. : WEX/NG/FM/2012-13 Dt.12.02.2013

Vendor shall ensure that following documents / particulars have been enclosed with tender. Submit this check list with techno-commercial bid.

S. No.	Particulars	YES/NO	REMARKS
1.	<p><u>Sealed Envelop-1</u> : Following documents</p> <ul style="list-style-type: none"> • Techno-commercial Bid • Unprice Bid • Earnest Money Deposit • Tender Cost • Copies of valid Sales Tax, Excise & Service Tax registration • Checklist <p>(Page no. 1 to 7 of tender document)</p>		
2.	<p><u>Sealed Envelop-2</u> : Price Bid (Page no. 8 of tender document)</p>		
3.	<p><u>Sealed Envelop-3</u> : Envelop-1 and Envelop-2 as above</p>		
	<p><i>(Note : All the envelopes should be super-scribed with NIT No. and Name of Work and Date of Opening)</i></p>		
4.	<p>Compliance to all the points of the Scope of Supply & Work and terms & conditions (Page no. 3 to 5 of tender document)</p>		
5.	<p><u>Tender Cost of</u> Rs. 250/- (Rupees Two Hundred Fifty Only)</p>		
6.	<p><u>Earnest Money Deposit (EMD)</u> of Rs.10,000/- (Rupees Ten Thousand Only). (Note : No other ground for waving of EMD is acceptable otherthen if the company is joint venture company of BHEL / Central /State PSUs / Government Deptts). Offers without EMD will be rejected and will not be considered for evaluation)</p>		

Sign & Seal of Party

PRICE BID FORMAT**(Separately enclosed in Sealed Envelop)**Name of Work : **Retrofitting of Mass Flow Meter in Natural Gas Pipe Line**NIT No. & Date: **WEX/NG/FM/2012-13 Dt.12.02.2013**

Bidder's Offer No. & Date : _____

S. No.	Item	Basic Rate (in Rs.)	Excise Duty (in %)	VAT/CST (in%)	Service Tax (in %)	Total Value (in Rs.)
1.	Material Cost					
2	Installation & Commissioning Charges					
	Total Cost (in Figures)					
	Total Cost (in Words) :					

Note : Material Cost should be inclusive of Packing, Forwarding, Freight & Transit Insurance charges

(Signature & Seal)