

Enquiry No.: PW/PE/MM/MRS/VZG/01 Date: 29.01.2009

*DUE DATE: 3 weeks from date of publication
in newspapers, by 2.00 PM***Subject: Tender Enquiry for MILL REJECT SYSTEM for 1X67 MW Vizag
TPP.**

Dear Sirs,

We are pleased to invite your offer in two parts strictly as per Clause-2.0 of the enclosed “**Instructions to Bidders**” in quintuplicate, in sealed covers for the under mentioned equipment/system.

Sl. No.	Description	Quantity	Delivery required
1	Design, engineering, manufacturing, inspection and testing, painting, supply/delivery duly packed at project site including freight , unloading, storage and handling at site, design & construction of structural and minor civil works at site etc, erection and commissioning, trial run at site, PG Test and handing over to the customer of Complete Mill Reject System in line with drawings/ documents/ test procedures approved by BHEL/Customer, inclusive of all prevailing taxes, duties and other levies for Mill Reject System complete with all accessories including erection and commissioning spares as required for the total scope defined as per technical specification PE-TS-295-160-A001 taking into account all clarifications, confirmations and agreements till date.	As per spec	Completion 31-12-09

Please note that price offer should be filled in BHEL enclosed format only with all columns duly completed and same should be put in sealed envelope.

Your best quotation/offer for the above requirement, in line with our terms and conditions, should either be delivered in person or sent by **COURIER/REGISTERED POST**, to the official inviting tender(s). It shall be the responsibility of the bidder to ensure that the tender is delivered on or before the **due date by 2 p.m.** Part-I bids shall be opened at **3 p.m.** on the due date in the presence of authorized representatives of the bidders, who may like to be present.

TERMS AND CONDITIONS

- Enquiry No., due date etc. must be legibly super scribed on the sealed envelopes as per clause no. 2.0 of “Instructions to Bidders”.

Please reply to:
BHEL-PEM -Power Sector
Power Project Engineering Institute,
HRD & ESI Complex,
Plot No 25, Sector-16 A, Noida-201301 (U.P.)

Phone : 0120-4368500 EXT. 8711
Fax : 0120-4329026

Regd. Office :

BHEL House,
Siri Fort,
New Delhi-11049



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2. Offers should be submitted in two parts in two separate sealed covers as follows:

Part-I: **TECHNO-COMMERCIAL BID containing offer (complete without price**

Part-II: **PRICE BID.**

For detailed instructions, please see clause no. 2.0 of “Instructions to Bidders (Vol.IA)”.

3. Bidders shall submit their offers meeting the requirements of the following tender documents (enclosed) and other Terms and Conditions included in this Enquiry Letter:

- **ADDENDUM-I:** Letter to be furnished by the Bidders.
- **ADDENDUM-II:** Agreed Terms & Conditions (confirmation to be given by Bidder in Part-I bid).
- **DEFINITION OF TERMS.**
- **Volume-I** : Comprising i) **Part-A** : Instructions to Bidders , ii) **Part-B** : General Commercial Terms & Conditions and iii) Special Conditions of Contract, if applicable.
- **Volume-II** : Comprising i) **Part-A:** General Technical Conditions and ii) **Part-B:** Technical Specifications.
- **Volume-III:** Schedules and Data Sheets.

All the above Tender Documents shall automatically become a part of the Order/Contract after its finalisation.

4. Tenders shall be submitted strictly in accordance with the requirements of the above tender documents. Deviations (Technical as well as Commercial), if any, shall be listed out separately. Technical deviations and Commercial deviations shall be furnished in separate sheets under the headings “**TECHNICAL DEVIATIONS**” and “**COMMERCIAL DEVIATIONS**” respectively, along with reasons for taking such deviations.
5. Standard pre-printed terms & conditions of the Tenderers shall not be considered valid.
6. Validity of offer as per GCC rev 03 enclosed.
7. Unsolicited fresh/revised Price Bids shall not be entertained.
8. Purchaser shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept or reject any/all tender(s) in part or full without assigning any reason whatsoever.
9. Purchaser reserves the right to split up the scope of the tender enquiry and place the orders for different scope/items with different bidders and also increase or decrease the quantity.
10. Tenderers must enclose the Quality Plan in the prescribed format, for approval. Equipment will be despatched only after Purchaser's/Owner's inspection at the hold points specified in the approved Quality Plan and issue of Material Despatch Clearance Certificate (MDCC).
11. Late tenders are liable to be rejected.

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12. Tenders and all correspondence there of, shall be addressed to the undersigned by name & designation and sent at the following address:

M/s Bharat Heavy Electricals Ltd.,
Project Engineering Management,
Power Project Engineering Institute,
HRD & ESI Complex,
Plot No 25, Sector-16 A, Noida-201301 (U.P.)

Kind Attn: Sh DEVENDRA SHARMA / Dy Manager /MM/PG-III

13. In the event of any contradiction in the terms and conditions mentioned in the Special Conditions of the Contract and those mentioned elsewhere, stipulations mentioned in the Special Conditions of the Contract shall prevail.
14. Definition of Terms is also enclosed. These definitions will apply to all the tender documents including this Enquiry Letter.

In case you are not submitting an offer against this enquiry, you are requested to send a regret letter so as to reach us on or before the due date.

Yours faithfully,
For and on behalf of BHEL

(DEVENDRA SHARMA)
Dy Manager / MM-PG-III

NOTE:

- Enquiry is **conditional subject** to your approval from our customer and registration with BHEL, In case customer doesn't approve you or/and BHEL doesn't register you your price bid shall not be opened. Immediately submit your credentials to us for registration /approval.

Following Prequalification requirement shall be applicable:

- The bidder shall have executed Mill Reject System (Pneumatic System) of similar conveying capacity or handled similar material with particle size upto 25 mm and bulk density of 1300 kg/m³ at one plant with a capacity not less than 1000 kg/hr (per pipe), which shall have done minimum of two years of satisfactory operation as on date of bid opening. Bidders shall furnish user's certificate for satisfactory performance of such a plant with the offer.
- In case bidder himself does not meet the above PQR, they can quote based on the experience of their collaborator/associate who should have the requisite experience. In such case, the bidder shall be required to execute Joint Deed of Understanding (JDU) with his collaborator/associate for back up guarantee of the plant with additional bank guarantee/performance bond of amount equivalent to (five) 5% of the value of the plant in case being the successful bidder.

Please reply to:
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Plot No 25, Sector-16 A, Noida-201301 (U.P.)

Phone : 0120-4368500 EXT. 8711
Fax : 0120-4329026

Regd. Office :

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“COURIER”

**Project Engineering
Management**

Bharat Heavy Electricals Limited
(A Govt. Of India Undertaking)



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Enquiry (all documents other than technical spec) has also been uploaded on www.bhel.com and www.bhelpem.com websites.

Technical Documents Enclosed:

- a) Technical Specs for tender for Mill Reject System for the Project
- b) General Conditions of Contract-Rev 03
- a) Special Conditions of Contract
- b) Price format along-with annexure.

NOTE:

Please contact the under mentioned for collection of Technical Documents at nominal fee of Rs 2,000/- (all inclusive) per specification per project (in the form of DD favouring BHEL, Noida or in cash to be deposited at Cash counter, BHEL, PEM, Noida:

**Sh Devendra Sharma / Dy Manager,
PEM, BHEL, NOIDA, India
Phone: 91-120-4368711, 0120-4368639, 0120-4368730
Fax: 91-120-43290226, email- devendrasharma@bhelpem.co.in**

Please reply to:
BHEL-PEM -Power Sector
Power Project Engineering Institute,
HRD & ESI Complex,
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PEM/COMMERCIAL

SPECIAL CONDITIONS OF CONTRACT - RIVISION - 00

- 1.0 Project Name : 1 X67.5 MW, CAPTIVE POWER PLANT AT VISAKHAPATNAM
- 2.0 Consignee Address : Project Manager
VIZAG CCP Unit- 5, Rashtriya Espat Nigam Limited,
Vizag Andhra Pradesh
- 3.0 BHEL Site Office Address : CONSTRUCTION MANAGER
BHEL SITE OFFICE
1 X67.5 MW, CAPTIVE POWER PLANT, UNIT-5
VISAKHAPATNAM DISTRICT, ANDHRA PRADESH
- 4.0 Mode of Despatch : Road
- 5.0 BHEL clearance for road transport required : No
- 6.0 Road permit required : No
- 7.0 Freight : PREPAID
- 8.0 Prior despatch intimation to BHEL Site. : Yes - One set of Despatch document to be sent to:
a) BHEL Site office
b) Purchaser
c) Insurance company
- 9.0 Transit Insurance : By BHEL
- 10.0 Details of Insurance Policy and intimation to underwriters. : Later
- 11.0 Sales Tax No. : Later

12.0 Document Requirement:
(For customer billing)

- a) Supplier invoice along with excise invoice
b) LR/RR (Consignee copy)
c) P/List indicating quantity and net weight
d) Challans
e) Inspection/Test Certificate/Inspection Reports

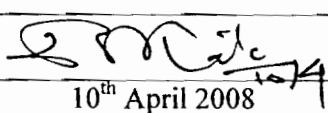
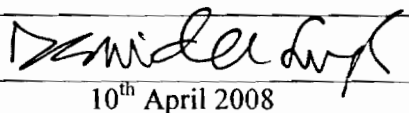
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Note:

a) **Eight (8)** sets of above documents are required for customer billing in addition to documents required as per G.C.C. of N.I.T.

- 13.0 **Final Drwings / Documentssubmission:** : Final Drawing / documents to be submitted as per annexure-A enclosed.
- 14.0 **Excise duty & Sales Tax** : Applicable Excise Duty and Sales Tax shall be indicated by the vendor separately in the price schedule and same shall be taken for evaluation of the L1 bidder status.
- 15.0 **Imported items for which CIF is considered** : Nil
- 16.0 **Type of project** : Domestic

	PREPARED BY	REVIEWED BY
Name:	D. K. Kate	Devinder Singh
Designation:	Manager / Commercial	Addl. General Manager / Commercial
Signature:		
Date:	10 th April 2008	10 th April 2008

1x67.5 MW VIZAG TPP - MILL REJECT SYSTEM												
SUGGESTIVE PRICE FORMAT												
		1	2	3	4	5	6=Sum(1 to 5)	7	8	9	10=7+8+9	11=6+10
S.No	Details of Works or Equipment/System	Ex-works price	ED on self manfr items, if applicable	CST	Any other tax	FREIGHT	FOR SITE	E&C Charges	Total Service tax	Any other tax	Total E&C	Total inclusive of all
1.1.0	Lumpsum prices											
1.1.1	Total lumpsum firm price inclusive of all taxes duties and other levies as applicable for design, engineering, manufacturing, inspection and testing, painting, supply/delivery duly packed at project site including freight, unloading, storage and handling at site, design & construction of structural and minor civil works at site etc., erection and commissioning, trial run at site, PG Test and handing over to the customer of Complete Mill Reject System in line with drawings/ documents/ test procedures approved by BHEL/Customer, inclusive of all prevailing taxes, duties and other levies for Mill Reject System complete with all accessories including erection and commissioning spares as required for the total scope defined as per technical specification PE-TS-295-160-A001 taking into account all clarifications, confirmations and agreements till date.											
	Notes:											
a)	<i>Bidder to note that total price indicated above at 1.1.1 shall be considered for evaluation and hence should be complete in all respect for the full scope defined and considering all terms and conditions agreed including electrical and control & instrumentation</i>											
b)	Any item not included in the price quoted above and shown separately will not be taken cognizance of and the offer shall be liable for rejection.											
c)	In case, price indicated above does not match with the total of item wise break-up given at 1.2.0, the highest price so calculated shall be considered for evaluation but in case of order, the same shall be placed at the lowest price.											

1x67.5 MW VIZAG TPP - MILL REJECT SYSTEM												
SUGGESTIVE PRICE FORMAT												
		1	2	3	4	5	6=Sum(1 to 5)	7	8	9	10=7+8+9	11=6+10
S.No	Details of Works or Equipment/System	Ex-works price	ED on self manfr items, if applicable	CST	Any other tax	FREIGHT	FOR SITE	E&C Charges	Total Service tax	Any other tax	Total E&C	Total inclusive of all
1.2.0	Break - up of Prices given at 1.1.1 above.											
1.2.1	Lumpsum firm price for design and supply of mechanical, electrical equipment and control system & equipment , design and construction of structural works ,along with E&C spares inclusive of all taxes, duties and other levies as applicable.											
1.2.2	Lumpsum firm price of all services including but not necessarily limited to unloading ,handling and transportation at site, erection of mechanical electrical and C&I equipment,, minor civil works as required, testing, commissioning, trial run, performance guarantee testing & handing over to the customer	N.A.	N.A.	N.A.		N.A.	N.A.	N.A.	N.A.			
	Total of 1.2.0 (Should match with 1.1.1 above.)											
1.3.0	Break - up Prices(for 1.2.0 above)											
1.3.1	Lumpsum firm price for supply of denseveyors with dome /butterfly/ vertical swing type valve and accessories inclusive of all taxes, duties and other levies as applicable .											
1.3.2	Lumpsum firm price for supply of Pyrite hopper with level probes, temperature switch, rupture disc inclusive of all taxes, duties and other levies as applicable .											
1.3.3	Lumpsum firm price for supply of pneumatic panel/ Air control module/ Solenoid box with accessories inclusive of all taxes, duties and other levies as applicable											
1.3.4	Lumpsum firm price for supply of storage bunkers, pressure relief valves, bag filters with pressure switch , terminal boxes , level probes, chain pulley blocks with accessories inclusive of all taxes duties and other levies as applicable											
1.3.5	Lumpsum firm price for non lubricated reciprocating air compressors with drive etc inclusive of all taxes, duties and other levies as applicable											
1.3.6	Lumpsum firm price for Air receivers with accessories inclusive of all taxes, duties and other levies as applicable											
1.3.7	Lumpsum firm price of pipes for Mill reject conveying, Compressed air & cooling water services etc inclusive of all taxes, duties and other levies as applicable											
1.3.8	Lumpsum firm price for Air & Water line valves inclusive of all taxes, duties and other levies as applicable											
1.3.9	Lumpsum firm price for pneumatically operated knife gate valves for different application inclusive of all taxes, duties and other levies as applicable .											
1.3.10	Lumpsum firm price for manually operated knife gate valves for different application inclusive of all taxes, duties and other levies as applicable .											
1.3.11	Lumpsum firm price for Alloy C.I bends/ fittings/laterals inclusive of all taxes, duties and other levies as applicable .											
1.3.12	Lumpsum firm price for Field instruments/controls/special cables/ cable glands & lugs inclusive of all taxes, duties and other levies as applicable .											

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SUGGESTIVE PRICE FORMAT												
		1	2	3	4	5	6=Sum(1 to 5)	7	8	9	10=7+8+9	11=6+10
S.No	Details of Works or Equipment/System	Ex-works price	ED on self manfr items, if applicable	CST	Any other tax	FREIGHT	FOR SITE	E&C Charges	Total Service tax	Any other tax	Total E&C	Total inclusive of all
1.3.13	Lumpsum firm price for PLC control system with Hot standby processor including 19 " TFT(s), Battery, Battery Charger & UPS inclusive of all taxes, duties and other levies as applicable.											
1.3.14	Lumpsum firm price of trolley mounted type sump pump set (1 no) along with all its control, inclusive of all taxes, duties and other levies as applicable.											
1.3.15	Lumpsum firm price for Start-up & commissioning spares as required inclusive of all taxes, duties and other levies as applicable .											
1.3.16	Lumpsum firm prices of any other item under 1.2.1 inclusive of all taxes, duties and other levies as applicable (please specify)											
	Total of 1.3.0 (Should match with 1.2.0). However , the break up prices indicated under this head are for internal use only & NOT for any comparision purpose & or making adjustment for scope variation.											
1.4.0	Unit Prices (To be used for adjustment against any scope variation and information)											
1.4.1	Unit price per meter with erection/ laying of conveying air Pipes inclusive of taxes, duties & other levies etc. (bidder to indicate the pipe size also)											
1.4.4	Unit price of pneumatically operated knife gate valve (size 200 Nb) along with actuator, inclusive of all taxes, duties and other levies as applicable											
1.4.5	Unit price of manually operated knife gate valve (size 200 NB) inclusive of all taxes, duties and other levies as applicable											
1.5.0	Optional price											
1.5.1	Price for three years of recommended spares- inclusive of all taxes, duties and other levies as applicable . Bidder to furnish list in the format as per Annex-III along with item wise prices for adjustment purpose.											
1.5.2	Lumpsum price for Maintenance tools and tackels as per annexure II inclusive of all taxes, duties and other levies as applicable.											
2.0	Import Content											
2.0.1	Currencywise import content , if any (list of items which shall be imported for this contract shall be indicated) included in price under S.No. 1.0.1 . Exchange rate considered in the offer for all currencies to be indicated											

1x67.5 MW VIZAG TPP-MILL REJECT SYSTEM

List of Maintenance Tools & Tackles

Sl.no	Description	Qty.	Unit	Unit Ex-works price	Total ex-works price	ED on self manfr items, if applicable	CST	Any other tax	INSURANCE	Total inclusive of all
1	Spur geared chain pulley block of 2.0 tonnes capacity , 3 mtr.	1	Nos.							
2	2 lbs ball pen hammers	2	Nos.							
3	Cold Chisel 8"	2	Nos.							
4	6" outside and inside caliperse	2	Nos.							
5	Double end spanners and ring spanners upto one inch size	2	Sets							
6	6 feet long measuring tape	1	Nos.							
7 a	Hacksaw frames 1/2" x 12	4	Nos.							
b	HSS blade 12 x 1/2"	6	Nos.							
c	Hacksaw blades	6	Nos.							
8	Allen keys set	2	Sets							
9	Pipe wrenches 18"	2	Nos.							
10	10" right angle	1	Nos.							
11	12" aluminium spirit levels	2	Nos.							
12	Filler Gauges - 8" & 12"	2	Sets							
13	10" slide wrenches	2	Nos.							
14	6",8",10",12" screw drivers	1	Set							
15	Insulated Pliers 8"	1	No.							
16	Tommy Bars 6"	2	Nos.							
17 a)	Cotton Hand Gloves	2	Pairs							
b)	Lather Hand Gloves	2	Pairs							
18	Lifting wire ropeslings 8 ft with eye at each end 1/2 " size and	2	Pair each							
19	Wrachet and sockets set for hexagonal head screws & bolts size M-6 to M-24	1	Set							
20	Flaring tools with disc	1	Set							
21	Grease Gun	1	No							
22	Oil Gun	1	No							

1x67.5 MW VIZAG TPP-MILL REJECT SYSTEM

List of Maintenance Tools & Tackles

Sl.no	Description	Qty.	Unit	Unit Ex-works price	Total ex-works price	ED on self manfr items, if applicable	CST	Any other tax	INSURANCE	Total inclusive of all
23	Screw Pitch Gauge	1	No							
24	a) JK Flat file 12" smooth	2	Nos.							
	b) JK Half round file 12" rough	2	Nos.							
	c) JK Half round file 12 " fine	2	Nos.							
	d) Square file 12"	2	Nos.							
	e) Round File 12"	2	Nos.							
25	Line Tester no: 814	2	Nos.							
26	a) Cutting Pliers 8"	2	Nos.							
	b) Nose Pliers 6"	2	Nos.							
27	Soldering iron with flux	1	No.							
28	Vice 4" & 12"	1	No. each							
29	Taps and Dies	1	No.							
30	Steel Scale 12" & 24"	2	each							
31	Hand Lamps	2	Nos.							
32	Torch with Battery (2 sizes)	2	Nos.							

Annexure IV

1x67.5 MW VIZAG STPP-MILL REJECT SYSTEM

List of Recommended Spares

[illegible]