

Enquiry No.: PW/PE/MM/MRS/Anpara/01 Date: 19.02.2009

DUE DATE: 16-March-09, 2.00 PM**Subject: Tender Enquiry for MILL REJECT SYSTEM for 2X500 MW Anpara-D 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 mandatory spares & erection and commissioning spares as required for the total scope defined as per technical specification PE-TS-298-160-A001 taking into account all clarifications, confirmations and agreements till date.	As per spec	Completion date 30-09-2010/30-12-2010 I/II unit

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.

Please refer annexure-1 of price format enclosed for power loading figures/criterion for bid evaluation and penalty at the time of performance guarantee of the system.



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TERMS AND CONDITIONS

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



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Tender 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
- c) Special Conditions of Contract
- d) 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: 91-120-4329026, email- devendrasharma@bhelpem.co.in

2x500 MW ANPARA D TPP - MILL REJECT SYSTEM												
SUGGESTIVE PRICE FORMAT												
		1	2	3	4	5	6=Sum(1 to 5)	7	8	9	10	11=6+10
S.No	Details of Works or Equipment/System	Ex-works price	ED on self manfrd items	CST	Any other tax	FREIGHT	<u>FOR SITE</u>	E&C Charges	Total Service Tax	Any other taxes	<u>E&C total</u>	<u>Total all inclusive price</u>
1.1.0	<u>Lumpsum prices</u>											
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 mandatory spares & erection and commissioning spares as required for the total scope defined as per technical specification PE-TS-298-160-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.											

2x500 MW ANPARA D TPP - MILL REJECT SYSTEM

SUGGESTIVE PRICE FORMAT

		1	2	3	4	5	6=Sum(1 to 5)	7	8	9	10	11=6+10
S.No	Details of Works or Equipment/System	Ex-works price	ED on self manfrd items	CST	Any other tax	FREIGHT	FOR SITE	E&C Charges	Total Service Tax	Any other taxes	E&C total	Total all inclusive price
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.								N.A			
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.					
	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 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 .											

2x500 MW ANPARA D TPP - MILL REJECT SYSTEM

SUGGESTIVE PRICE FORMAT

		1	2	3	4	5	6=Sum(1 to 5)	7	8	9	10	11=6+10
S.No	Details of Works or Equipment/System	Ex-works price	ED on self manfrd items	CST	Any other tax	FREIGHT	FOR SITE	E&C Charges	Total Service Tax	Any other taxes	E&C total	Total all inclusive price
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 .											
1.3.13	Lumpsum firm price of trolley mounted type sump pump set (2 nos.) along with all its control, inclusive of all taxes, duties and other levies as applicable.											
1.3.14	Lumpsum firm price for Start-up & commissioning spares as required inclusive of all taxes, duties and other levies as applicable .											
1.3.15	Lumpsum firm price for supply of mandatory spares (Annexure II) 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.											
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.											

ANNEXURE -I**2 x 500 MW Anpara D Thermal Power Station- Mill Reject Handling System****Mode: Pneumatic Conveying**

Sl.No.	Description / Item	Working	Standby	Power Consumption (KW) (at motor input terminal)	Duty Factor	Total Power Consumption (KW)
1	2	3	4	5	6	7 = 3 x 5 x 6
1	Conveying Air Compressor	1	1		1.00	
					Total KW	

Notes

1	If the actual power consumption exceeds the guaranteed power consumption, liquidated damages shall be payable by the Contractor at the rate of \$ 3374 per KW excess power consumption, over the base guaranteed figure indicated at sl No 3. Such liquidated damages may be recovered by the Owner by deduction from the contract price or by enforcing the contract performance guarantee or in any other manner deemed fit by the Owner. For this purpose, the drives of standby equipment shall not be considered.
2	Power consumption (KW) of air compressors shall be measured at motor input terminals when operating at the rated capacity and pressure and performed on test rig at the vendor's works and actual motor shall be used for this purpose.
3	There shall be no technical loading for evaluation of bids. ESTIMATED POWER CONSUMPTION FOR THE WORKING COMPRESSOR CONSIDERED IS 128 KW (BASE FIG)

Mill Reject Handling System

1.0 **Break up price for list of mandatory spares**

Sl.no	Description	Qty.	Unit price	Total price	TOTAL PRICE
			Total Ex works price(Rs)		

1.1	Lumpsum excise duty for above listed mandatory
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1.2	Lumpsum Sales tax for above listed mandatory spares
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1.3	Lumpsum freight for above listed mandatory spares
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**Total FOR site price
for mandatory**

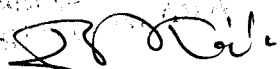
Notes

- | | |
|----|---|
| a) | Unless stated otherwise, a 'set' means item or sub-items required for each type/ size, range of assembly/ sub- assembly required for complete replacement in one equipment system; it is further intended that the assembly/ sub-assembly which have different orientation (like left hand or right hand, top or bottom), different direction of rotation or mirror image positioning or any other reasons which result in marinating two different sets of spares to be used for subject assembly/ sub assembly, these shall be considered as different type of assembly/ sub assembly. |
| b) | Wherever quantity has been specified as percentage(%), the quantity of mandatory spares to be provided by the vendor shall be the specified percentage (%) of total population required to meet the specification requirements. In case the quantity of mandatory spares so calculated happens to be in fraction, the same shall be rounded off to next higher whole number. |
| c) | Wherever the quantities have been indicated for each type, size, thickness, material, radius , range etc, these shall cover all the items supplied and installed and the breakup of these shall be furnished by the vendor during detail engineering. |
| d) | In case spares indicated in the list are not applicable to the particular design offered by the bidder, the bidder should offer spares applicable to the offered design with quantities genaerally in line with the approach followed in the above list. |
| e | Wherever bidder has indicated an item as not applicable, the same will have to be supplied free of cost, incase it is found applicable during detail engineering. |

PEM / COMMERCIAL

SPECIAL CONDITIONS OF CONTRACT - RIVISION - 00

- 1.0 Project Name : 2 X 500 MW ANPARA D
THERMAL POWER STATION
- 2.0 Consignee Address : EXECUTIVE ENGINEER,
PLANT & STORE DIVISION,
'D' THERMAL POWER PROJECT,
PO – ANPARA – 231 225,
DIST – SONEBHADRA
- 3.0 Consultant/Consulting Engineer : PROJECT MANAGER – ANPARA 'D' TPP-(a) L BHEL)
NTPC LTD.
CONSULTANCY WING, 2ND FLOOR, R&D WING,
A-8A, SECTOR – 24,
NOIDA – 201 301
- 3.0 BHEL Site Office Address : CONSTRUCTION MANAGER
BHEL SITE OFFICE
'D' THERMAL POWER PROJECT,
PO – ANPARA – 231 225,
DIST – SONEBHADRA
- 4.0 Mode of Despatch : Road
- 5.0 BHEL clearance for road transport required : No
- 6.0 Road permit required : Yes (Road permit Form, which serves the purpose of road permit, will be provided well before dispatch).
- Under no circumstances, material shall be consigned on "self" basis.
- 7.0 Freight : PREPAID
- 8.0 Prior despatch intimation : One set of Despatch document to be sent to following:
a) BHEL SITE OFFICE
b) CHIEF ENGINEER, ANPARA D THERMAL POWER STATION, PO – ANPARA – 231 225, DIST SCNEBHADRA
c) Chef Engineer (L-1), UPRVUNL, PPM, 7TH FLOOR, SHAKTI BHAWAN, EXTENSION 14, ASHOK MARG, LUCKNOW – 226 001
d) INSURANCE COMPANY
- 9.0 Transit Insurance : LATER


12/5/08

10.0 Details of Insurance Policy : LATER
and intimation to underwriters. :

11.0 Sales Tax Nos. : TIN : 09315105206
PAN : AACU47790
TAN : ALDU00990D

12.0 **Document Requirement:**
(For customer billing)

- a) Copy Excise Invoice
- b) LR /RR (Consignee copy)
- c) P/List indicating quantity and net weight
- d) Copy of Road Permit

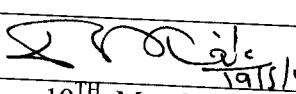
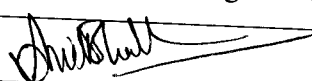
Note:

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.

14.0 **Custom Duty and other Taxes** : Custom duty @5% shall be applicable and customer shall arrange Essentiality Certificate for availing concessional custom duty benefits.

Necessary Forms for claiming concessional tax viz Form C, Form D and Form 31 shall be provided by customer.

15.0 **Type of project** : Project import

	PREPARED BY	REVIEWED BY
Name:	D. K. Kate	Anil Bhalla
Designation:	Manager / Commercial	Dy. General Manager / Commercial
Signature:		
Date:	19 TH May 2008	19 TH May 2008