

Enquiry No.: PW/PE/MM/MRS/NC/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 2X600 MW North Chennai 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 at vendor's/sub-vendor's works, 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 Handling System in line with drawings/ documents/ test procedures to be approved by Customer/Client, inclusive of all prevailing taxes, duties and other levies for Mill Reject System complete with all accessories including start up and commissioning spares as required, special maintenance tools and tackles, if any for the total scope defined as per technical specification PE-TS-307-160-A001 taking into account all clarifications, confirmations and agreements till date.	As per spec	Completion 16-08-10

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: 91-120-43290226, email- devendrasharma@bhelpem.co.in

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 manufactured items only shall be reimbursed)	CST /VAT	Any other taxes	FREIGHT	FOR SITE	E&C Charges	Service tax on E&C	Any other taxes	Total E&C	Total
1.1.0	<u>Lumpsum prices</u>											
1.1.1	Total lumpsum firm price for design, engineering, manufacturing, inspection and testing at vendor's/sub-vendor's works, 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 Handling System in line with drawings/ documents/ test procedures to be approved by Customer/Client , inclusive of all prevailing taxes, duties and other levies for Mill Reject System complete with all accessories including start up and commissioning spares as required , special maintenance tools and tackles ,if any for the total scope defined as per technical specification PE-TS-307-160-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.											
1.2.0	<u>Break - up of Prices given at 1.1.1 above.</u>											
1.2.1	Lumpsum firm price for design and supply of mechanical, electrical equipment and control system & equipment , design and supply 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,construction of structural work and 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.)											

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S.No	Details of Works or Equipment/System	Ex-works price	ED (on self manufactured items only shall be reimbursed)	CST /VAT	Any other taxes	FREIGHT	FOR SITE	E&C Charges	Service tax on E&C	Any other taxes	Total E&C	Total
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 Local control 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 oil free screw type 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, conduit, cable glands & lugs inclusive of all taxes, duties and other levies as applicable .											

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 manufactured items only shall be reimbursed)	CST /VAT	Any other taxes	FREIGHT	FOR SITE	E&C Charges	Service tax on E&C	Any other taxes	Total E&C	Total
1.3.13	Lumpsum firm price of trolley mounted type sump pump set (1 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 price for PLC based control system along with its peripherals 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 comparison 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)											
1.4.2	Unit price of pneumatically operated knife gate valve (size 200 Nb) along with actuator, inclusive of all taxes, duties and other levies as applicable											
1.4.3	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-IV 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.											
1.5.3	Lumpsum firm price for optional spares inclusive of all taxes, duties and other levies as applicable. (Bidder to indicate optional spares in annexure-III, along with item-wise break-up.)											
2	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 proce under S.No. 1.1.1 . Exchange rate considered in the offer for all currencies to be indicated.											

Notes

- Validity of optional prices shall be till completion of project.

ANNEXURE -I**2 x 600 MW North Chennai Thermal Power Station
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 Compressors	2	1		0.66	
					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 Rs 2.0 lacs per KW excess power consumption, over the base guaranteed figure indicated by him in his bid. 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 For bid evaluation purpose on account of guaranteed auxiliary power consumption, the same shall be loaded at the rate of Rs 2.0 lacs per KW for the differential power consumption over base figure.
- 4 Estimated total power consumption including duty factor for working compressors(two nos, one per unit) considered is 120 KW

MILL REJECT SYSTEM										
List of Maintenance Tools & Tackles										
Sl.no	Description	Qty.	Unit	Unit Ex-works price	Total ex-works price	ED (on self manufactured items only shall be reimbursed)	CST	Any other tax	FREIGHT	FOR SITE
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							
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.							

2 x 600 MW NORTH CHENNAI TPS- MILL REJECT SYSTEM										ANNEXURE-III
LIST OF APPLICABLE OPTIONAL SPARES										
S.No.	Item	Quantity/unit	Ex-works price	ED (on self manufactured items only shall be reimbursed)	CST	Any other tax	FREIGHT	INSURANCE	FOR SITE	
1	Chain pulley block(for each type and rating)(refer note at sl.no(d))									
	i. Load chain wheel	1 no.								
	ii. Load chain stripping fork	5 nos.								
	iii. Hand chain wheel	2 nos.								
	iv. Ratchet pawl	1 no.								
	v. Locking ratchet wheel	2 nos.								
	vi. Guide roller	2 nos.								
	vii. Brake disc	2 nos.								
2	PLC system(refer note at sl.no(d))									
2.01	I/O cards									
	a. Analog input module									
	b. Analog output module									
	c. Digital input module									
	d. Digital output module									
	e. Thermocouple module									
	f. RTD module									
2.02	All types of electronic modules, back plane, controllers, function									
2.03	Power supply unit	20% of each type or at least 2 nos. for each type								
2.04	Control logic power supply fuses of each current									
2.05	Plug in type keyboard									
2.06	Complete operating station with TFT monitor									
2.07	Interposing / coupling relays									
2.08	Power supply modules (AC to DC convertor)									
2.09	Interface cables (communication cables/system cables with									
2.1	Fuses in electronic motors, PLC panels etc.									
2.2	Backup modules required for safe shut down of plant	20% of each type or at least 2 nos. for each type								
2.21	Transducers/field instrument's (transmitters, RTDs, thermocouples, I/P converter, gauges, switches, pressure regulator, airlock devices etc.)	20% of each type or at least 2 nos. for each type								
2.3	UPS									
2.31	Semiconductor fuses/fuses/MCB of each rating									
2.32	Power transistors, power resistors, power diodes, SCRs, static switches etc.	20% of each type or at least 2 nos. for each type								
2.33	Battery cells complete with contactor, cover plates etc.									
2.34	Electronic modules like rectifier control card, inverter control card, driver card, IGBT module, DC-Dc converter card for UPS, AC supply & 24V DC supply etc	20% of each type or at least 2 nos. for each type								
2.35	Miniature circuit breakers for AC and DC supply									
2.4	MCCB									
2.41	Erection Hardware: Instrument valves, manifolds for each type & size of isolating valve, condensate pot, impulse pipe etc.	20% of each type or at least 2 nos. for each type								
2.42	Alarm Annunciation system									
2.43	Logic modules, group-card modules, power supply modules and any other electronic modules									
2.44	Ungraved fascia window boxes complete with LED etc.	20% of each type or at least 2 nos. for each type								
2.5	LED's for annunciation fascia windows									
2.51	Flashing inputs (for each type)									
2.52	Connectors for pre-fabricated cables male & female ends (for each type & range)									
2.53	Fuse (for each type & range)	100%								
2.57	Audible device	20% of each type or at least 2 nos. for each type								
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)	Bidder to quote price considering requirement of single unit only wherever applicable. In case of common facility/item for both units, bidder shall consider total quantity and quote accordingly.									

MILL REJECT SYSTEM	
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List of Recommended Spares	
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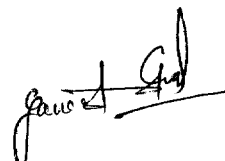
PEM / COMMERCIAL, BHEL, PPEI, NOIDA

SPECIAL CONDITIONS OF CONTRACT (REV00)

1x600 MW NORTH CHENNAI (STAGE-II) UNIT-1

These Conditions shall be read and construed along with General Condition of Contract enclosed along with the tender enquiry. In case of any conflict or inconsistency the condition given in SCC shall prevail over the GCC.

- 1.0 **Project Name :-** **1x600 MW NORTH CHENNAI (STAGE-II) UNIT-1**
- 2.0 **Consignee Address :-** **A. FOR MAIN EQUIPMENT:-**
CHIEF ENGINEER / NCTPS STAGE II, UNIT-1
TAMIL NADU ELECTRICITY BOARD
NORTH CHENNAI T.P.S. STAGE-II PROJECT
ATHIPATTU, CHENNAI-600120,
TAMIL NADU.
B. FOR MANDATORY SPARES:-
CHIEF ENGINEER / NCTPS STAGE II, UNIT-1
TAMIL NADU ELECTRICITY BOARD
NORTH CHENNAI T.P.S. STAGE-II PROJECT
ATHIPATTU, CHENNAI-600120,
TAMIL NADU.
- 3.0 **BHEL Site Office Address :** **CONSTRUCTION MANAGER**
BHEL-SITE
TAMIL NADU ELECTRICITY BOARD
NORTH CHENNAI T.P.S. STAGE-II PROJECT
ATHIPATTU, CHENNAI-600120,
TAMIL NADU.
- 4.0 **Customer Order Ref No:-** **LOA No. ED/Proj./600MW NCTPS Stage-II /D.144/08/ Dtd. 19.01.2008**
- 5.0 **Mode of Dispatch:-** By Road on Door Delivery and freight Pre-Paid Basis
- 6.0 **Road Permit Required:-** No.
- 7.0 **LOA Date:-** **19-01-2008**
- 8.0 **Zero Date:-** **18-02-2008**
- 9.0 **Synchronization:-** **36 Months**
- 10.0 **Commissioning and PG test:-** **39 Months**



- 11.0 **Prior Dispatch intimation to BHEL Site Office and Underwriters :-** Yes, one set consisting of **LR / RR copy, Packing List/ Challan** indicating the items dispatched (with their weights) and letter informing the underwriters about the value of consignment and dispatch details to be sent to:
a) **BHEL Site office**
b) **BHEL, PEM, PPEI-Noida (MM)**
- 12.0 **Transit Insurance** By BHEL (Vendor to intimate the underwriters quoting the insurance Policy No. As below) :-
- Policy No.** **350600/44/08/5050000011**
- Underwriters** **Mr.B.K.SACHDEVA**
Sr. Divisional Manager
M/s National Insurance Co. Ltd
Delhi Office-VI
302-304, Sahyog Building
58, Nehru Place
New Delhi- 110 0019
- Ph.No- 011-26432109**
Mobile -9810145440
FAX NO. -011-26484112
- 13.0 **Customer (TNEB) CST** **32929/91-82 dated 18/01/1992**
- 14.0 **Unloading at site** By BHEL site office for supply packages.
(The Supplier shall give LR wise Gross Wt. Of the consignment for the purpose of handling the consignment by BHEL site loading/unloading Contractor)
- 15.0 **Storage at site** By BHEL site for supply packages
- 16.0 **Movement of Material within Site** a) By BHEL site for supply packages
b) By vendor for Turnkey i.e. supply and Erection & Commissioning packages
- 17.0 **DOCUMENT REQUIRED FOR ULTIMATE CUSTOMER BILLING.** For customer billing by PEM the supplier shall provide the following Documents to MM :-
A. **Supplier Invoice – 8 Copy**
B. **Copy of Consignee copy LR. (CONSIGNOR / LORRY COPY NOT REQD) – 8 Copies**



- C. **Copies of Packing List** indicating Quantity/ Gross weight/ Net weight and TNEB approved BBU item no. against each item dispatched. – **8 Copies**

VERY IMP:- **IN PACKING LIST GROSS & NET WEIGHT OF THE DESPATCHES TO BE CLEARLY INDICATED AGAINST EACH LR OTHERWISE VENDOR INVOICE SHALL NOT BE PROCESSED.

D. **TNEB MDCC – Original + 7 Copies**

E. **CHP issued by TNEB – Original + 7 Copies**

NOTE: The Supplier during inspection of Main supplies & Mandatory Spares by **BHEL,CQS / TNEB - IS** shall obtain separate **TNEB MDCC** for **Main Supplies** & separate **TNEB MDCC** for **Mandatory spares** in line with the approved Billing Break-Up (BBU).

18.0 **Material Receipt Certificate (MRC):-**

- a) For Supply Packages BHEL/PEM will arrange MRC from BHEL Site, however supplier/ contractor shall provide support for verification of material at site if required.
- b) For Turnkey i.e. Supply and Erection & Commissioning packages, Original MRC duly signed by customer (TNEB) & BHEL-Site is to be arranged by vendor for their MRC payment.

19.0 **Despatch Markings:-**

Each box/ Drum shall be marked with Capital Letters in Red indicating : **Main Supply OR Commissioning spare**

1X600 MW NORTH CHENNAI TPS ST-II, UNIT-1

Each package/Drum delivered under the Contract shall be marked by Supplier as per details listed below and such marking must be distinct and in English language (all previous irrelevant markings being carefully obliterated) for purposes of identification.

Each and every box (package) shall be marked with following:-

- 1) Name and address of the consignee:
- 2) Project reference:
- 3) Customer Contract No.:
- 4) Vendor Name:
- 5) PEM P.O. reference No.
- 6) Gross Weight/ Net Weight (Without Gross Weight/ Net Weight mention on LR, Vendors invoice can not be processed)
- 7) Packing No.: (1/10, 2/10, 3/10 when there are 10 packages for one consignment)

8) Packing Mark: (symbols indicating "TOP" and other special marking)

9) Type of Equipment: "E" (for equipment supply)
"T" (for Tools & Tackles)
"S" (for Mandatory Spares)

Besides above necessary, packing shall bear a special marking "TOP", "BOTTOM", "DO NOT TURN OVER", "KEEP DRY", "HANDLE WITH CARE", etc.

IMPORTANT:-

One copy of respective standard manufacturer's erection instruction/operation manual shall be kept in each package/container for immediate reference by BHEL site.

NOTE:-

The Copy of complete **Packing list** for the consignment must be put inside the Box/ Boxes.

20 copies of supplier's Erection / Instruction manuals to be given to the BHEL, PEM, PPEI-Noida (MM) within 30 days of despatch for handing over to Customer/ BHEL site.

Each box/ Drum shall be marked with Capital Letters in Red indicating :

Ultimate Destination:

1X600 MW NORTH CHENNAI TPS ST-II, UNIT-1

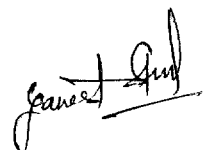
20.0 Commissioning spares:

The commissioning spares shall be properly packed separately in separate box and each spare shall be properly tagged giving details i.e dispatch (to match the description given in the packing slip) to facilitate their proper identification. One Copy of Packing list must be put inside the Box.

21.0 Mandatory Spares:-

The Mandatory spares shall be properly packed separately in separate box indicating Mandatory Spares in bold letters and each spare shall be properly tagged giving details i.e item number of the equipment in line with the TNEB approved BBU for Mandatory spares & Number per item (to match the description given in the packing slip) to facilitate their proper identification by ultimate customer M/s TNEB. One Copy of Packing list must be put inside the Box along with Manufacturing drawing no. reference, Catalogue reference etc. **Mandatory Spares shall be handed over directly to TNEB stores** other wise transportation charges shall be debited against transportation of materials from BHEL store to **TNEB stores** in Vendors account.

The Supplier to note that separate **TNEB MDCC** shall be obtained for Mandatory spares from **TNEB - IS/ QA**.



22.0 **Taxes & Duties:-**

All Bidders to note that this is a Non-Mega ICB (International Competitive Bidding) Project and Project Authority Certificate/ Essentiality Certificate will be issued by TNEB (customer). Under this Project Authority certificate (or EC) **Zero % Custom Duty** shall be applicable on the Imported Contents of the supplier.

TNEB Shall issue PAC/EC to BHEL as main contractor for availing zero custom duty for the imported supply applicable for this project ordered by PEM, PPEI, Noida and based on above PAC BHEL, PEM shall issue PAC/EC to each sub-vendor based on the imported items agreed with customer (TNEB). The Bidder to indicate the Import contents i.e list of the item, Currency of Import and Country of Import at the time of finalization of the bid/final prices. Bidder has to pass on the benefit of availing Zero % custom duty in price offered to BHEL and provide a certificate with a un-priced bid that zero % custom duty on the Import contents have been considered in their price offered to BHEL as per applicable PAC mentioned above.

All bidders to note being a Non-Mega Project & ICB, the Excise Duty and Central Sales Tax are to be included in their prices to BHEL as per the nature of the project, and same shall be taken for evaluation purpose to arrive at the L1 bidder for this Project.

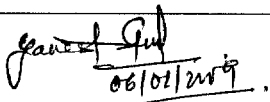
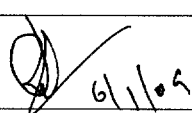
23.0 **Inspection Agency:-**

BHEL & TNEB

Vendor shall give inspection call on TNEB format **in line with approved QP** to Regional BHEL-CQS WEB SITE with a copy of inspection call to BHEL-PEM (MM) for arranging Customer participation in inspection/ Joint inspection on the proposed date **with an advance notice of 15 – 20 days**. The MDCC shall be issued by TNEB based on Joint inspection report of BHEL CQS & TNEB/ Customer Agency (as nominated by TNEB). **The MDCC issued by TNEB/Customer in original shall be attached by bidders for their payment from BHEL.**

24.0 **Final Drawings / Documents Submission:-**

Final Drawing / Documents to be submitted shall be as per Technical specifications otherwise it will be intimated during kickoff meeting.

	PREPARED BY	ISSUED BY
Name:	G. C. Thakur	R P Gupta
Designation:	Sr. Engineer / PEM -Commercial	AGM / PEM - Commercial
Signature:		
Date:	06 th January 2009	06 th January 2009