



BHARAT HEAVY ELECTRICALS LIMITED

BAP – Ranipet, 632406

MM – PURCHASE Department (FGD)

NIT

Enq No: 3820080E

Date: 22-04-2022

BHEL Ranipet Enq for.: Mist Eliminator for BTPS-Bhadradi/TGENCO

Sub: "Design, Manufacture, Inspection, Supply, Supervision towards Erection and commissioning, Trial run and Performance testing of absorber Mist Eliminator along with mandatory spares" for FGD package of BHEL Project SITE, TSGENCO BTPS-Bhadradi.

Scope of supply: As subjected above in confirmation with Quality plan. The package consists of:

Package Schedule 1 : BTPS Bhadradi / TSGENCO (4 x 270 MW)					
SI	Matl Code	DESCRIPTION	Qty Set	Dly Req	Quoted/ Not
1	RFW114900001	Supply of complete mist eliminator and accessories (2 Stage Chevron type) Absorber Area 7.9 m (L) x 11.9 m (W) at Site	2	24-12-2022	
			2	24-03-2023	
2	RFW114910001	Supervision of E&C of Mist Eliminator (1 set= one visit of 20 working days including all charges) separate visit for each set	4	Within 10 months from supply	
3	RFW114920001	Performance testing of Mist Eliminator at site, Separate visit for each set	4	Within 5 months from Erection	
4	RFW115180001	1. Spare: Wash Nozzle (10% of each type and size), considering all 4 absorber	1	24-09-2022	
5	RFW115180002	2. Spare: Modules (10% of each type and size), considering all 4 absorber	1	24-09-2022	

Destination: Main equipment supply at BHEL Site

Delivery for Supervision for E&C and performance testing at BHEL project site BTPS-Bhadradi

Spares shall be supplied at Stores-BHEL, BAP-Ranipet

Foreign bidder may opt for material delivery FOE CFR Chennai basis.

Delivery required date: As per above table or within 6 months (for 1st unit, and 6 months phase gap thereafter for subsequent units) from the date of manufacturing clearance, whichever is later. Bidder to quote the best possible delivery from the date of manufacturing clearance. Abnormal quoted delivery, liable for rejection of offer.

Pre-Qualification requirement (PQR):

SL	Technical Pre-Qualification Requirement (PQR)	Bidder's Reply with Supportive documents
1	<p>"Bidder should have previous experience of design, manufacture, supply, erection and commissioning / supervised erection & commissioning of the Mist Eliminators for Wet Limestone based FGD system for at least one (1) no. 500/ MW or higher capacity pulverized coal fired power plant such that respective equipment(s) should have been in successful operation for a period not less than One (1) year prior to Part-I (Techno-commercial) bid opening date"</p> <p>The Bidder shall offer only proven design which meets the Proveness criteria indicated above.</p> <p>Necessary document evidences (PO copy/ GAD or Datasheet for the reference plant/Performance certificate from end user for the reference plant) for qualification shall be submitted along with the bid. If bidder doesn't meet the specified proveness criteria, their offer is liable for rejection.</p>	



BHARAT HEAVY ELECTRICALS LIMITED

BAP – Ranipet, 632406

MM – PURCHASE Department (FGD)

Sl. No.	Financial Pre-Qualification Requirement (PQR)	Bidder's Reply with Supportive documents
1	The bidder has to submit financial accounts (audited, if applicable comprising of Audit report, Balance Sheet, Profit & Loss A/c Statement and Notes/Schedules pertaining to Turnover/ Sales/ Revenue), for last three years (or from the date of incorporation, whichever is less) as on tender due date to review the above criteria. In case the incorporation of vendor is less than 3 years, average annual financial turnover shall be calculated based on available information as below:-	
i	If the accounts are available for ≤ 1 Financial Year, the Average Annual Turnover shall be calculated based on available information divided by 1 (One).	
ii	If the accounts are available for >1 but ≤ 2 Financial Years, the Average Annual Turnover shall be calculated based on available information divided by 2 (Two).	
iii	If the accounts are available for >2 but ≤ 3 Financial Years, the Average Annual Turnover shall be calculated based on available information divided by 3 (Three).	
2	Foreign bidders to submit a latest report from reputed third party business rating agency like Dun & Bradstreet, Credit reform etc. for review of above criteria.	
3	While calculating Annual Turnover / Sales, other operating income and other income shall not be considered.	
4	For evaluation of foreign bidder, exchange rate (TT selling rate of SBI) as on scheduled date of tender opening (Part-I bid in case of two part bid) shall be considered.	
5	Average annual financial turnover during the last Three Financial Years ending 31-03-2022 or 31-03-2021 should not be less than 300 Lakhs.	
6	Net worth of the vendor should be positive. *	
7	The current ratio should be >1 as per latest audited balance sheet	
8	Vendor should be profit earning company / firm (Profit / Earnings before depreciation & amortization, Interest and Tax) at least once in the last 3 years.	
<p>Note : For any Supplier the above said documents is Mandatory and without which submitted offer is liable for rejection.</p> <p>**Definition of Net Worth</p> <p>***.....As per section 2 (57) of The Companies Act, 2013, net worth means the aggregate value of the paid up share capital and all reserves carried out of the profit and security premium after deducting the aggregate value of the accumulated losses, deferred expenditure and miscellaneous expenditure not written off as per the audited balance sheet, but does not includes reserves created out of revaluation of assets, write back of depreciation and amalgamation.</p>		



BHARAT HEAVY ELECTRICALS LIMITED

BAP – Ranipet, 632406

MM – PURCHASE Department (FGD)

Technical requirement

- (a). **Manufacturing: Document Submission**-Drawing, Data sheet and quality plan shall be submitted upon ordering for approval by BHEL. **Manufacturing clearance (against each unit)** will be provided upon approval of drawing with data sheet and QAP. Manufacturing shall be as per attached technical specification in the bid, Approved drawing, Quality plan and Data sheet. **Inspection:** as per CI (b) below stated. **Dispatch Clearance:** Upon submission of inspection reports along with test certificates in original and Packing list dispatch clearance will be provided by BHEL.
- (b). **Inspection:** Inspection (call to be raise by supplier at BHEL CQIR portal) before despatch at supplier's works (as per Quality terms and Quality plan) by BHEL/authorised agency (TPI-Third Party Inspection) for indigenous supplies at BHEL cost (For foreign bidder, Cost of TPI charges shall be borne by supplier, hence the same shall be incorporated along with the bid). Inspection includes for painting and packing also, as applicable. All the Test and inspection reports shall be sent to BHEL-Ranipet for review and dispatch clearance. Packing list and weighment details shall be sent for release of GMS by Engineering-BAP. Base on release of GMS, CoC No shall be issued by QC-BHEL. On receipt of CoC, and packing list, request letter from commercial-BAP to be submitted to QC-BHEL for issue of MDCC.
Note: Cost for Inspection by approved TPI, outside India shall be borne by bidder.
- (c). **Packing requirement:** Packing shall be waterproof. All item shall be packed in such a way that transit damage and damage by weather may be avoided, as per the technical spec. and the material code with description & Supplier name shall be marked on the packing.
Note: Seaworthy packing shall be ensured wherever transit thru sea.
- (d). **Documents:** Accepted IR copy along with relevant test certificates (in original) before despatch to be given to BHEL. This is required for Dispatch clearance.
- (e). **Reverse Auction** shall be conducted, overall package basis L1 shall be taken for Ordering.
- (f). **Delivery Location:** FOR destination (BHEL Site), as per bid.
Note: Foreign bidder may quote for CIF/CFR Chennai basis

List of documents to be attached (signed stamped copy):

1. NIT, Tech spec and Data sheet copy
2. Filled in annexures of Technical Specification
3. Filled in QAP (Sample attached) along with CQR
4. Filled-in Make in India declaration on Letter head (format attached), For Indian bidder only
5. Udyam portal registration copy if MSE bidder, if applicable, otherwise treated as Non-MSE
6. PQR-Technical documents
7. PQR-Financial documents
8. Filled in Annexure C-Commercial terms and conditions
9. Format of Integrity pact, CEBG, PBG, SRF, Annexure G, Conciliation Scheme, & Annexure B
10. Filled in Annexure-F, if applicable

For any query: Kindly provide the “Enq 3810725E-MistEL-KTPS_YTPS” in the subject of mail.

mail: ckbharti@bhel.in; jecashish@bhel.in

Ph: +91 9488 58 9287 / +91 7010 75 1675