



BHARAT HEAVY ELECTRICALS LIMITED
PROJECT ENGINEERING MANAGEMENT, NOIDA

Date-11-Feb-25

CORRIGENDUM- 02

PROJECTs	:	2X800MW SINGRAULI STPP, Stage-III
PACKAGE	:	Water Treatment Packages
Enquiry No.	:	77/24/6040/VIN Dated 01.02.2025
SUBJECT	:	REPLIES OF PRE-BID QUERIES

Type of Corrigendum			
Technical Corrigendum -	<input checked="" type="checkbox"/>	Commercial Corrigendum -	<input checked="" type="checkbox"/>

In reference to the above-mentioned tender enquiry please note the following.

1. Please find replies of pre-bid queries.

All the other terms and conditions of the tender enquiry remain unchanged. All the bidders are requested to quote accordingly.

Yours faithfully,

For and on behalf of BHEL

Vinit Kumar Verma
Sr. Manager/BOP

Sl. No.	Document Ref	Page No	Clause No.	Specifications Mentioned	Clarification/ Deviation	BHEL REPLY, 10/02/25
1	(NIT) Enquiry No-77/24/6040/VIN	1 of 8	7.1 & 7.2	17.02.2025 (12:00:00 Hrs) & 17.02.2025 (16:00:00 Hrs)	Considering the magnanimous quantum of work involved under this NIT, we sincerely request you to offer time till 18-March-25 for submission of offers and part 1 bid opening.	Please quote within the due date and time
2	(NIT) Enquiry No-77/24/6040/VIN	2 of 8	EMD	Applicable; EMD Value - 40 Lakhs	We request you to waive off the EMD requirement and in lieu, Letter of Undertaking may please be permitted.	Tender documents are clear. Please quote accordingly.
3	(TECHNICAL PRE QUALIFICATION REQUIREMENT) Document Ref :- PE-PQ-512-404-W001	22 of 47	1.1	The Bidder should have designed, supplied, erected / supervised erection and commissioned / supervised commissioning at least one (1) number water / waste water treatment plant having capacity of not less than 1000 Cu.m/hr, comprising of clarifiers / tube settlers / thickeners or a combination thereof including civil works . The plant should have been in successful operation for at least one (1) year as on the date of 22.12.2023	Since Civil works associated with the Pre-treatment Plant is not part of the bidders scope as per the Enquiry document, we sincerely request you to waive off the Qualification requirement of "including civil works" under respective Technical Pre-Qualification Requirement. We also request you to permit qualification based on "including construction drawings for civil works" as additional feature apart from "including civil works" as stipulated in the NIT.	Technical PQ requirement is firm, hence no deviation is acceptable. Bidder to follow the same.
4	(NIT) Enquiry No-77/24/6040/VIN	6 of 8	Purchase Preference	Purchase preference would be applicable to MSE bidders as per GOI circular (No. F.1/4/2021-PPD dtd. 18.05.2023) and any other subsequent circulars / clarifications. The package is divisible in nature (i.e. Type-A & Type-B). In case L-1 is non-MSE bidder and MSE bidder(s) quotes prices within 15% margin of purchase preference. Purchase preference shall be given to lowest quoting MSE bidder for complete scope of Type-B packages . If lowest quoting MSE bidder does not accept the L-1 rates, the next higher MSE bidder quoting within 15% margin shall be given purchase preference and so on	We understand that under provision of this clause, lowest quoting MSE bidder shall be given purchase preference for complete scope of Type-B package however complete scope of Type-A package shall rest with L-1 non-MSE bidder (if the case be) . Kindly confirm our understanding	Tender documents are clear. Please quote accordingly.
5	Tendernotice_1	15 of 250	1.2	This specification is intended to cover SUPPLY PART, SERVICES PART & MANDATORY SPARES comprising of design, engineering, manufacture, fabrication, assembly, inspection & testing at vendor's & sub-vendor's works, painting, forwarding, supply and delivery at site including start up and commissioning spares, mandatory spares, properly packed for transportation, supply of chemicals as specified, unloading / handling and storage at site, in site transportation, assembly, erection and commissioning, trial run, preparation and submission of "As Built" drawings, preparation of drawings in 3D, site testing, carrying out performance guarantee tests at site, Annual Maintenance Services (As per details in Section IC & IIC), Operation & Maintenance (for CW Treatment plant), Supervision of civil works in PT plant & CHP run off Water treatment plant and handover of complete Type-A Packages i.e. Pre Treatment Plant (PT Plant), Demineralization Plant (DM Plant), Condensate Polishing Plant (CPU), CW Chemical Treatment (CWT), CHP Run-Off Water Treatment System (CHP WTP), Effluent Treatment Plant (ETP/LET), Chlorine Dioxide Dosing System (CLO2) & Sewage Treatment Plant (STP) and Type-B Packages i.e Oxygen Dosing System (ODS), Chemical Dosing System (CDS) and Lime Dosing System (LDS) as per the details and scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order for Singrauli Super Thermal Power Project Stage-III (2X800 MW)	We understand that block price for only Type B package shall be the backbone while implementing the Purchase Preference for lowest quoting MSE bidder for Type B package. This means Type A package shall be out of the ambit of Purchase Preference for lowest quoting MSE bidder. Kindly confirm our understanding.	Tender documents are clear. Please quote accordingly.
6	(NIT) Enquiry No-77/24/6040/VIN Annexure-A to NIT for Delivery Schedule	1 of 1	Delivery Schedule for Mandatory Spares	06 Months from date of BHEL clearance.	We request delivery of Mandatory Spares to be aligned / accepted (including MDCC) with the respective Main Equipment. This shall help overall project deliverance in optimized way in both time as well as cost perspective.	Tender documents are clear. Please quote accordingly.

NAME OF WORK: TECHNICAL PRE QUALIFICATION REQUIREMENT FOR FOR
WATER TREATMENT PACKAGES FOR SINGRAULI SUPER THERMAL POWER
PROJECT STAGE-III (2X800 MW)

Current Clause

Reverse Osmosis Plant DM Plant

In case the Bidder offers reverse osmosis with mixed bed combination plant for DM water, the Bidder/its sub-vendor should have designed, supplied, erected and commissioned / supervised commissioning of one (1) number Reverse Osmosis (RO) Plant consisting of at least one (1) stream of minimum 60 cum./hr capacity, capable of producing outlet water quality of silica and conductivity not more than 0.02 ppm as SiO₂ and 0.2 micromho/cm respectively.

The above RO plant (s) should be having design inlet feed Water with TDS \geq 500 ppm and capable of producing permeate water quality with TDS not more than 100 ppm OR having inlet feed as sea water and capable of producing permeate water quality with TDS not more than 500 ppm. The plant (s) should have been in successful operation for at least one (1) year as on the date of 22.12.2023.

Clarification/ Change sought:

We have executed a Tertiary treatment project for Steel Authority of India, SAIL consisting of streams of 110 m³/hr of Reverse Osmosis followed by ZLD for their effluent discharged through their steel plant in Jharkhand Bokaro including Operation and Maintenance. The input TDS is more than 2500 mg/l and outlet ranges from 80-225 mg/l. Our deliverables also had a higher conductivity and silica guarantee wrto. what is mentioned in your clause.

We would like to highlight that all RO and allied systems are specifically designed as per customers requirements. Hence, we request you to kindly accept this as PQR for this package and were assure you being a MSME we will give you the most responsive and competitive techno-commercial offer.

Please also find our completion certificate for your ready reference.

BHEL REPLY: Technical PQ requirement is firm, hence no deviation is acceptable. Bidder to follow the same.