

BHEL reply to Pre bid Queries & Clarifications dated:28.12.2024							
Name of the work:“Pre-Bid Tie up for Erection & Commissioning Sub Contract for Main Plant Package of 2x30MW CGPP” at Aditya Alumina Complex, Kansariguda Unit owned by HINDALCO Industries Limited (HIL), Kansariguda, District- Rayagada, Odisha (India).							
Tender reference no.T0AXX00065_NIT-87267, Tender Id:2024_BHEL_42926_1 dated:13.12.2024 (Website- https://eprocurebhel.co.in)							
A. Pre-Bid queries raised by M/s Enmas EPC Power Projects Limited,							
S. No.	Document name	Clause no.	Page no.	Existing	Deviation / Clarification	Bidder's query	BHEL's Response
1	Annexure-A_Vol-IC-GCC	1.15.9	13	The successful tenderer (Contractor) should not sub-contract any portion of work detailed in the tender specification undertaken by him without written permission of BHEL's Construction Manager/Site in charge. BHEL, at its discretion, may consider the written request from the Contractor and permit subletting of part scope. However, the Contractor is solely responsible to BHEL for the work awarded to him.	Deviation	We request you to waive the need for written permission and approval since multiple agencies will be involved in this complex work. In any case, the Contractor is solely responsible to BHEL for the work awarded to him.	Please follow the tender specification. Bidder can engage subcontractor after obtaining approval from BHEL.
2	Annexure-A_Vol-IC-GCC	2.3.1	16	Service of notice on contractor Any notice to be given to the Contractor under the terms of the contract shall be served by sending the same by Registered Post / Speed Post to or leaving the same at the Contractor's last known address of the principal place of business (or in the event of the contractor being a company, to or at its Registered Office). In case of change of address, the notice shall be served at changed address as notified in writing by the Contractor to BHEL. Such posting or leaving of the notice shall be deemed to be good service of such notice and the time mentioned to the condition for doing any act after notice shall be reckoned from the date so mentioned in such notice.	Clarification	Notice through e-mail should also be allowed.	Any notice to be given to the Contractor under the terms of the contract shall be served by sending the same by Email/Registered Post / Speed Post to or leaving the same at the Contractor's last known address of the principal place of business (or in the event of the contractor being a company, to or at its Registered Office). In case of change of address, the notice shall be served at changed address as notified in writing by the Contractor to BHEL. Such posting or leaving of the notice shall be deemed to be good service of such notice and the time mentioned to the condition for doing any act after notice shall be reckoned from the date so mentioned in such notice.
3	Annexure-A_Vol-IC-GCC	2.3.2	16	Service of notice on BHEL Any notice to be given to BHEL in-charge/PE&SD Hyderabad under the terms of the Contract shall be served by sending the same by post to or leaving the same at BHEL address or changed address as notified in writing by BHEL to the Contractor.	Clarification	Notice through e-mail should also be allowed.	Please follow the tender specification.
4	Annexure-A_Vol-IC-GCC	2.7.2.1 viii)	19	Assignment, transfer, subletting of Contract without BHEL's written permission.	Clarification	We presume this applies to the contract as a whole. The bidder shall be free to appoint subcontractor as required to execute the work.	Please follow the tender specification. Bidder can engage subcontractor after obtaining approval from BHEL.
5	Annexure-A_Vol-IC-GCC	2.14.2	34	Variation in Individual Quantities of BOQ Item(s) The quantities given in the contract are tentative and may change to any extent (both in plus side and minus side). No compensation becomes payable in case the variation of the quantity of individual BOQ item(s) is within the limits of Plus (+) 100% of the quantity in the original price schedule. In case executed quantity for a particular BOQ item(s) exceeds two times the quantity in the original price schedule (100% increase), then the revision in rates for such BOQ item(s) for the quantity in excess of two times the quantity in the original price schedule including any subsequent increase in quantity, may be considered based on request from the Contractor, however, BHEL decision in this regard shall be final. Revised rates for subject BOQ item(s) shall be worked out on the basis of prevailing market rates mutually agreed between BHEL and Contractor. PVC/ ORC will not be applicable for these revised rates. BHEL, however, retains the right to arrange the excess quantity through any other source for expediting activities in the interest of the Project. Note: (a) Revision in rates under clause 2.14.2 will remain admissible in those cases also, where, the Contractor is eligible for compensation under clause 2.14.1 (i). (b) The value of work executed at revised rates due to variation in Individual Quantities of BOQ Item(s) shall be included while calculating the finally executed contract value in clause no. 2.14.1 above.	Clarification	We presume that the intent of this clause is for unit rate fixation till 200% of the contract quantity for individual BOQ item.	Please follow the tender specification.
6	Annexure-A_Vol-IC-GCC	2.15.5	35	MAN-HOUR RATE FOR ELIGIBLE EXTRA WORKS: Single composite average labour man-hour rate, including overtime if any, supervision, use of tools and tackles and other site expenses and incidentals, consumables for carrying out any major rework/ repairs/ rectification/ modification/ fabrication as certified by site as may arise during the course of erection, testing, commissioning or extra works arising out of transit, storage and erection damages, payment, if found due will be at Rs 139/- per man hour.	Clarification	The manhour rates will vary depending on the type of work which shall be discussed and agreed at the time of execution of the extra works.	Please follow the tender specification.
7	Annexure-B_Vol-IB-SCC	2.1	5	Services for construction, fabrication, equipment erection testing as well as trial run & commissioning of various equipment and accessories under the contract shall include but not be limited to the following:	Clarification	Tender calls for only E&C services. Construction, fabrication is excluded other than for bidder's own use (site office, closed storage, etc.)	This tender calls for Erection & Commissioning (E&C) services as per tender specification. Any other service other than E&C, which are mentioned in the tender specification will be in bidder's scope.
8	Annexure-B_Vol-IB-SCC	4.1.1	7	The contractor shall provide within finally accepted price / rates, all consumables (excepting those indicated in BHEL scope) like welding electrodes (including alloy steel and stainless steel), filler wires, TIG filler wires (over & above as supplied by the unit along with the plant materials, which will be given free of cost to bidder), gases (inert, welding, cutting), soldering material, dye penetrants, radiography films, etc.	Clarification	We presume that all welding electrodes, filler wires, TIG filler wires for the complete erection is provided by BHEL. Please confirm.	Please follow the tender specification. All consumables (excepting those indicated in BHEL scope, if any) like welding electrodes (including alloy steel and stainless steel), filler wires, TIG filler wires, gases (inert, welding, cutting), soldering material, dye penetrants, radiography films, etc. shall be in bidder's scope.

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9	Volume-IA_TCC	1.2	5	Erection & Commissioning Services for Main Plant Package during Pre-bid stage of the tender and E&C during Post order stage	Clarification	We presume that the erection & commissioning services for main plant package includes Boiler & its auxiliaries, ESP & its auxiliaries, Steam turbine generator & its auxiliaries, Feedwater heaters, Condenser, Pumps (BFP & CEP) in the main plant package, Interconnecting steam, water, condensate pipings between boiler and turbine. We request you to confirm the scope.	Please follow tender specification. Tender specification Volume-IA_TCC clause no 1.2 is as below: BHEL is looking for a competent Erection & Commissioning Sub-Bidder (E&CSC) qualified as per the requirements specified under Chapter No.-VI of this TCC, to assist BHEL by providing Erection & Commissioning Services for Main Plant Package during Pre-bid stage of the tender and E&C during Post order stage (if BHEL bags the order as LSTK) for 2x30 MW CGPP at Aditya Alumina Complex, Kansariguda Unit owned by HINDALCO Industries Limited (HIL), Kansariguda, District- Rayagada, Odisha (India), for which BHEL intends to bid as the EPC Bidder.
10	Volume-IA_TCC	4.2.6	8	The Bidder shall include in their scope the requirement of oils, grease, lubricants and consumables for the plant & equipment to be supplied by them. All consumables till commissioning shall be in the scope of the Bidder. A list of initial fills of oils, grease and lubricants shall be submitted by the Bidder. Quantities and specifications of the same shall be furnished by the Bidder after the placement of the work order.	Deviation	This will be applicable only for Bidder supplied equipment which are engaged in erection & commissioning.	Please follow tender specification. all consumable are in the scope of the bidder
11	Volume-IA_TCC	4.2.7	8	Any work/ equipment and material which may not have been specifically mentioned in this Technical Specification but are required to make the plant complete in every respect under Tender condition and necessary for safe operation and guaranteed performance of the plant shall be deemed to have been covered under the scope of this Technical Specification and shall be provided by the Bidder within the quoted price.	Deviation	Since this is a E&C bid, equipment and material shall be in the scope of BHEL	This tender calls for Erection & Commissioning (E&C) services as per tender specification. Any other service other than E&C, which are mentioned in the tender specification will be in bidder's scope.
12	Volume-IA_TCC	4.2.8	9	The Bidder shall supply all required manpower, E&C tools and related equipment, all hoisting equipment, all necessary scaffoldings, all necessary transporting equipment, and consumables. Construction and erection materials, petrol, diesel oil, Kerosene, solvents, sealing compound, tapes, brazing and soldering materials, welding and brazing gases, packing sheets/compounds, temporary supports, wooden blocks, spacers, templates, jute and cotton wastes, sand/emery paper etc. as required for the satisfactory completion of work.	Deviation	OEM supervision and support for many of the supplied equipment. This shall be in the scope of BHEL. Eg., STG, DCS, VFD, Fans, BFPs, ESP, etc.,	Please follow tender specification. For major equipments OEM supervision will be done by their respective suppliers/BHEL.
13	Volume-IA_TCC	4.2.9	9	Pre-Commissioning & Commissioning shall be single point responsibility of the Bidder, completely covering the activities and services in respect of all the equipment & works specified and covered under the Technical Specification as mentioned in the BHEL TCC Specification and HINDALCO Industries Limited (HIL) customer specification (BIDDING DOCUMENT NO.: TCE.13833A-ME-6002-6001, REV.-0 October 2024).	Deviation	Manpower for erection & commissioning shall be provided, however, supervision of erection & commissioning by OEM.	Please follow tender specification. For major equipments OEM supervision will be done by their respective suppliers/BHEL.
14	Volume-IA_TCC	4.2.10	9	Any loss of plant and equipment due to imprudence, negligence and/or unsuitable treatment and handling shall be replaced by the Bidder at his own cost.	Clarification	Any accidental damage shall be covered under materials/properties insurance of BHEL for their material.	Please follow GCC clause no.2.18 regarding insurance.
15	Volume-IA_TCC	4.2.14	9	Erection & Commissioning with respective detailed BOQ of Civil, Electrical, Mechanical, C&I disciplines at Post Bid.	Deviation	Civil work is not included in this tender and not being offered by Bidder	Civil work is in scope of Customer. Otherwise mentioned in customer specification will be in bidder scope.
16	Volume-IA_TCC	5.9.1 a	14	Providing the erection drawings for all the works covered under this scope	Deviation	Erection drawings will be given by OEM	Erection drawings for major equipment will be given by OEM.
17	Volume-IA_TCC	5.9.1 c	14	As-built drawings – where ever deviations observed and executed and also based on the decisions taken at site- example – routing of small bore pipes	Deviation	As built drawings will be revised by OEM based on inputs from bidder.	Please follow tender specification.
18	Volume-IA_TCC	5.11	16	However, in case BHEL/ HIL is not able to provide construction water due to any reason whatsoever, Bidder shall be responsible for making all arrangements for Construction water at his cost. Any statutory requirements/ documentation etc. to this effect shall be met by the Bidder.	Deviation	BHEL or HIL shall be responsible for construction water	Construction water will be supplied by the Customer but if any cases they are not able to supply, the bidder have to arrange at his cost.
19	Volume-IA_TCC	5.13.1	16	The Bidder shall provide within finally accepted price / rates, all consumables like welding electrodes (including alloy steel and stainless steel), all gases (inert, welding, and cutting), soldering material, dye penetrants, radiography films. Other erection consumables such as wrap cloth, tapes, jointing compound, grease, lubricants, M-seal, Araldite, petrol, CTC / other cleaning agents, grinding and cutting wheels are to be provided by the Bidder. Steel, H&S, packers, shims, wooden planks, scaffolding and pre-assembly materials, hardware items etc. required for temporary works such as supports, scaffoldings and bed are to be arranged by him. Sealing compounds, gaskets, gland packing, wooden sleepers, for temporary work, required for completion of work except those, which are specifically supplied by BHEL, are also to be arranged by him.	Clarification	Supply of Grouting materials, paint and painting consumables shall be by BHEL	Equipment will be supplied in painted condition, however touch up painting shall be in bidder scope including supply of paint. However painting of other structural, pipes etc are in the scope of bidder including supply of paint and application in bidder scope.
20	Volume-IA_TCC	8.3	24	Completion schedule for Unit-1 & 2 shall be 24 months & 27 months from the date of commencement of work for the respective unit.	Clarification	Clarify the schedule for availability of civil foundation starting erection and availability of all equipments for erection.	The tentative schedule for availability of Civil foundation shall be as under: i. Boiler foundation handover by end Customer- 5th Month ii. TG Building handover by end Customer- 15th Month However, the final schedule for Civil foundation availability shall be as per L1/L2 network mutually agreed with end Customer.
21	Volume-IA_TCC	8.5	24	E&C SC shall not sublet the work without prior written permission of BHEL.	Clarification	The bidder shall be free to appoint subcontractor as required to execute the work.	Please follow the tender specification. Bidder can engage subcontractor after obtaining approval from BHEL

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22	Volume-IA_TCC	Volume 1B D. CFBC boiler	35			Lining and Insulation is mentioned. Refractory weight is not indicated in the weight schedule.	The bidder may prepare their bid based on available information provided in tender specification.
23	Volume-IA_TCC	Volume 1B D. CFBC boiler	35		Clarification	Cyclone weight is given as 0 ton. We presume the cyclone are part of pressure part and included in the pressure parts weight schedule.	The bidder's interpretation is correct.
24	Volume-IA_TCC	List of major equipments	38	Painting area - 60000m2	Clarification	Please confirm the painting area provided is for 1 unit or 2 units. We presume the primer, thinner, paint, painting consumables shall be supplied free of cost by BHEL. Please confirm.	Painting area of 60,000.0 sqm. Is for one boiler. All consumable are in the scope of the bidder
25	Volume-ID_FormsandProcedure	Form No: F-11 (Rev 00)	14	ANALYSIS OF UNIT RATES QUOTED	Deviation	Since lumpsum price is the basis of bid, this form will not be provided by bidder	The form is required to be filled and submitted by bidder only for statistical records purpose. The same shall not be used for price evaluation.
B. Pre-Bid queries raised by M/s Jyoti Turbo Power Services Pvt Ltd							
1	Volume-IA_TCC	Chapter VI- Bidders (E&CSC) Qualification Criteria / 6.1.1 / (a)		One (01) no. coal fired Boiler of steam generation capacity not less than 100 TPH		We M/s JTPSPL has executed 1 x 185 TPH HRSG with Auxiliary Firing. We request to M/s BHEL please consider the same for the Qualification criteria.	Please follow tender specification.