

**CORRIGENDUM - 1 dated 16.11.2020 TO TENDER SPECIFICATION BHEL PSSR SCT 1927**

**Sub:** Package-A (Unit-3) and Package-B (Unit-4) for Erection of Piping and associated equipment that includes Handling, transportation, fabrication, assembly, erection, welding, NDT, inspection & testing of piping and erection of associated equipment along with accessories, structures, insulation for Nuclear and Nuclear auxiliary systems in reactor auxiliary buildings, safety system building, solid radioactive waste reprocessing & storage building and new fuel storage building at 2x 1000 MWe Kudankulam Nuclear Power Project.

**A. The following clarifications are provided in response to queries received from bidders.**

S No	Clause No	Existing in tender	Bidder's query	BHEL's Reply
1.	Volume II Price Bid - Part C: BOQ, Ref. No. 7.3	Thermal Insulation - Refractory material	Handling, erection of Refractory Insulation with free issue material for incinerator in UKS building by providing manpower, scaffolding, tools & tackles, machinery, cleaning agents, ventilation arrangement. Please confirm whether the work shall be done in presence of the Vendor. Please explain the ventilation arrangement required.	The said work shall be executed in presence of NPCIL. If required Russian expert will oversee.  For ventilation requirement - Kindly refer VOLUME-IA PART – II Chapter 2, S No 2.2.18 SHIFTING, ERECTION, ASSEMBLY, WELDING OF INCINERATOR INCLUDING HANDLING, CUTTING, LAYING REFRACTORY INSULATION FOR INCINERATOR IN RADIO ACTIVE WASTE PROCESSING AND STORAGE BUILDING.
2.	Volume II Price Bid - Part C: BOQ, Ref. No. 12.9	Machining of components Turning/Drilling/Milling /Threading using lathe up to dia 500mm & weight not more than 250Kg) ( Rate per CC of material removed) MRR=cc/Min	We request you to consider the UOM (unit of measurement for this item in numbers(nos.) or Per piece or per set. Since turning, drilling, milling and threading on lathe works for billing purpose rate per CC/minute is cumbersome. Please review the same and once we request you to provide us the suitable drawing for this job work to obtain quotations.	UOM mentioned in the tender shall prevail.  Required drawings shall be provided during execution.

S No	Clause No	Existing in tender	Bidder's query	BHEL's Reply
3.	Volume II Price Bid - Part C: BOQ	Insulation	<p>Please provide other approved vendors for the supply of insulation material since current list of suppliers are not ready to quote for our enquiry. We request M/s. BHEL to consider the supply of all insulation materials in their scope. To approve a new insulation supplier in M/s. NPCIL standards would require more time and can affect the timely completion of the project.</p>	<p>Supply of insulation shall be in bidder scope. Additional vendor approval for supply of insulation shall be taken up with NPCIL during execution.</p>
4.	Volume I, Book I, Volume IA: TCC, Part I, Chapter 7: Terms of Payment	<p>Thermal Insulation</p> <ol style="list-style-type: none"> <li>1. Supply -40%</li> <li>2. Application - 25%</li> <li>3. Cladding - 25%</li> <li>4. Acceptance - 5%</li> <li>5. Final - 5%</li> </ol>	<p>Supply of Insulation materials being major cost component for large quantity, we request M/s. BHEL to relook into this split percentage and increase the supply percentage to increase by 20%. Since, upfront payment has to be given to supplier to release the material. Please confirm.</p>	<p>Payment terms mentioned in the tender shall prevail.</p>
5.	Volume I, Book I, Volume IA: TCC, Part I, Chapter 7: Terms of Payment	<p>Bank Guarantee for Performance Security Deposit - 5% of the contract value for 42 months.</p>	<p>We request you to consider following option 1. 2.5% of contract value for 21 months and 2. Balance 2.5 % of the contract value next 21 months. Option 2. 1.5% of the contract value for the first 12 months 2. 1.5% of the contract value for the next 12 months 3. Balance 2% of the contract value for rest of the 18 months. Option 3. The Performance security deposit can be fixed at 2.5% of the total contract value. Option 4. Payment terms - Retention of 5% for every BOQ items executed shall be</p>	<p>Tender Condition prevails.</p>

S No	Clause No	Existing in tender	Bidder's query	BHEL's Reply
			released on submission of R.A. bills. Since the contract value being high and project execution period of 42 months our funds towards bank charges would be blocked, that can affect cash flows during execution.	
6.	Volume I, Book I, Volume IA: TCC, Part I, Chapter 10: General, Clause no.1.10.4.	BOCW Contractor shall make remittance of the BOCW cess as per Act in consultation with BHEL as per the rates in force (presently 1%).	As mentioned 1% is the present rate. Please clarify the percentage or CESS value that has to be considered for bidding purpose.	<p>Kindly refer to the TCC clause 1.10.4.5 Vol.IA, Part-I Chapter-X "Contractor shall make remittance of the BOCW cess as per Act in consultation with BHEL as per the rates in force (presently 1%). BHEL shall reimburse the same upon production of documentary evidence. However, BHEL shall not reimburse the Fee paid towards the registration of establishment, fees paid towards registration of beneficiaries and contribution of beneficiaries remitted; which is self-explanatory to the query.</p> <p>Accordingly, tender condition prevails.</p>
7.	Volume II Price Bid - Part C: BOQ	Total Amount for the entire Bill of Quantities(BOQ) given in Part C of Volume II Price Bid of Tender Specification BHEL: PSSR: SCT: 1927	As per tender document "BASIC RATE in Figures to be entered by the Bidder" that corresponds to the weighted value of the individual quoted price of M/s. BHEL. Since, the quoted rates in each line item in the price bid differs from the contractor to contractor, we propose M/s. BHEL to consider individual price bid in excel sheet instead of summary /single excel sheet that corresponds to weighted values mentioned in the price bid form. Please confirm.	<p>Please refer to</p> <ol style="list-style-type: none"> <li>NIT Clause No: 6.0 – Tabular column containing modality to upload Price in the Price Bid cover under 'Packet details -&gt; Tender covers -&gt; Finance. And</li> <li>Volume II Price Bid - PART-A- INSTRUCTIONS TO BIDDERS, S.No.4</li> </ol> <p>Accordingly, tender condition prevails.</p>

S No	Clause No	Existing in tender	Bidder's query	BHEL's Reply
8.	Volume II Price Bid - Part C: BOQ	For items covered under price bid Ref No 2.0 (2.1 ... 2.6.4)	Please confirm whether the Inch dia welding of Valves and other fittings are considered in the said quantity	In piping - Inch dia welding of valves & fittings are covered in welding BOQ quantity.  BOQ to be referred for quantity of welding in piping.

**NOTE:**

1. ALL OTHER CONDITIONS REMAIN UNCHANGED.
2. BIDDERS ARE REQUESTED TO CONSIDER THIS CORRIGENDUM AS PART OF TENDER SPECIFICATION AND QUOTE ACCORDINGLY.

-sd-

R.Siva

Dy. Manager/SCT