

Corrigendum 02 Dated 10/04/2026
CPC Tender No. BHEL/CPC/RTP/M_ESP/27/002
(Old Tender Ref. No. BHEL/CPC/RTP/M_ESP/26/111)

Work Description: Package-A: Erection, Testing, Commissioning, Trial Operation & Handing Over of Electrostatic Precipitator (ESP) and its auxiliaries along with Ducting complete with all accessories and along with all Support Structures, Platforms etc from ESP outlet to Chimney Inlet, including NDT fixing of hangers & supports, application of lining, Insulation, supply & touch-up painting, Stenciling & Labelling, Handling of materials at BHEL / Client's Stores / Storage Yard and transportation to site, preparation of foundation of Unit-1 at 2x660 MW DVC SG Island Package for Raghunathpur (RTPS) PHASE-II

AND

Package-B: Erection, Testing, Commissioning, Trial Operation & Handing Over of Electrostatic Precipitator (ESP) and its auxiliaries along with Ducting complete with all accessories and along with all Support Structures, Platforms etc from ESP outlet to Chimney Inlet, including NDT fixing of hangers & supports, application of lining, Insulation, supply & touch-up painting, Stenciling & Labelling, Handling of materials at BHEL / Client's Stores / Storage Yard and transportation to site, preparation of foundation of Unit-2 at 2x660 MW DVC SG Island Package for Raghunathpur (RTPS) PHASE-II.

A. Following Clauses of TCC are modified as below:

SI NO.	Existing					Modified as				
1	TCC Clause no. 4.2					TCC Clause no. 4.2				
	SN	DESCRIPTION OF OTHER T&Ps	CAPACITY (MINIMUM)	QUANTITY	REMARKS	SN	DESCRIPTION OF OTHER T&Ps	CAPACITY (MINIMUM)	QUANTITY	REMARKS
	1	Tyre mounted mobile crane	40/50 MT	02 no.	As per requirement (Note: -As per Dimensions and weight of the Ducts from ID Fan to Chimney minimum 40 MT capacity Tyre Mounted crane shall be necessarily required for Pre-Assy.)	1	Tyre mounted mobile crane	40/50 MT	01 no.	As per requirement (Note: -As per Dimensions and weight of the Ducts from ID Fan to Chimney minimum 40 MT capacity Tyre Mounted crane shall be necessarily required for Pre-Assy.)

B. Some of the Bidders sought clarifications in regard to the published tender specification. The clarifications issued by BHEL are as below

Sl. No	Reference clause of Tender Document	Existing Provision	Bidder's Query	BHEL's Clarification
1	Clause 2.6.9 of TCC	Medical/First aid centre/medicine purchased for emergency/Doctor purpose along with ambulance services with fuel and operator (round the clock) shall be arranged by BHEL for handling medical emergencies.....	Kindly confirm whether the BHEL common medical facility may be utilized for conducting pre-employment medical examinations for gate-pass processing as required by M/s DVC/BHEL, including the issuance of Medical Fitness Certificates for the workmen engaged under this contract. Further, please specify whether any charges or recoveries are applicable for availing such BHEL medical facilities, and if so, kindly indicate the applicable percentage or basis of recovery with reference to the contract value	<p>BHEL common medical facility can be utilized for conducting pre-employment medical examinations for gate-pass processing.</p> <p>Cost against these facilities (Medical/First aid centre/medicine purchased for emergency/Doctor purpose along with ambulance services with fuel and operator (round the clock)) shall be distributed / shared among the vendors working in the Project site proportionately based on contract value (As per HSE plan).</p> <p>However, till the time BHEL provided common facility is operational, Contractor shall on its own arrange for conducting pre-employment medical examinations for gate-pass processing.</p>
2	Clause 2.9.9 of TCC	Painting: Structure: All structures shall be supplied from BHEL units/ workshops with finish coats of paint. Therefore,	As per Clause 7 (Terms of Payment) of the TCC, 1% of the Contract Value (CV) is earmarked under the ESP head. However, as per the scope of work, final	Tender condition shall prevail. Payment against painting shall be released on

		<p>final painting is not applicable in the scope of contractor for Unit supplied items (until specifically mentioned in the tender).</p> <p>.....</p>	<p>painting is excluded and only touch-up painting is included in the vendor's scope.</p> <p>In view of the above, kindly clarify the applicable payment methodology for this item. We understand that payment shall be released on a prorated basis corresponding to the actual tonnage erected. Kindly confirm this understanding.</p> <p>Further, to ensure smooth cash flow during execution and to avoid any future ambiguity, we request M/s BHEL to confirm whether payment under this head shall be regulated on a per-ton basis or pass-wise.</p>	<p>acceptance of Package engineer.</p>
3	Clause 2.10.12 of TCC	<p>Sealing compounds and GI wires for insulation mattress binding and Self drilling screws / Self taping screws for sheeting works (Al Cladding sheet, Corrugated sheets and other ribbed sheet for the ESP roof and weather protection areas) shall be provided by the agency within the quoted price/rates.</p>	<p>As per BHEL's standard practice in similar projects, sealing compounds, GI wires for insulation mattress binding, and self-drilling/self-tapping screws for sheeting works are provided by BHEL. In this regard, kindly confirm that BHEL shall continue to supply these items for the present contract in line with established practice.</p>	<p>Tender condition shall prevail.</p>
4	Clause 3.2.2 of TCC	<p>Electricity for office, stores, canteen etc. of the bidder within project premises: Shall be provided by BHEL on chargeable basis at one point near the site at a distance of approx. 500M. (Single point as above 3.2.1, no separate point shall be given)</p>	<p>Kindly specify the applicable electricity tariff, including unit charges and demand charges, for power supplied to facilities such as the site office, stores, canteen, and other contractor-use area</p>	<p>Bidder is advised to visit site to ascertain such conditions.</p>
5	Clause 3.4 of TCC	<p>Lighting: General area lighting through high mast and other fixtures shall be in the scope of BHEL. However, localized area lighting for bidder's construction site/ storage yard/pre-assembly yard/material handling location, etc. shall be in scope of contractor.</p>	<p>We understand that the vendor's scope is limited to providing job-site illumination only, and that all other general and area lighting requirements are under the scope of M/s BHEL. Kindly confirm this understanding</p>	<p>TCC Clause is self explanatory in nature. Tender condition shall prevail.</p>
6	Clause 3.9.1 of TCC	<p>Labour Shed (01 No.) for approx. 1x125 labours shall be provided by BHEL on chargeable basis in line with mobilisation/requirement at site shall be shared among Package - A & B. Contractor shall intimate mobilisation</p>	<p>We request M/s BHEL to kindly revise the rate of cost recovery from 15% to 10% from the contractor's RA Bills against the labour shed that shall be provided by M/s BHEL, in order to maintain a healthy monthly</p>	<p>Tender condition shall prevail</p>

		plan for labourers and BHEL shall allot labour shed accordingly subsequently. -----	cash flow and ensure smooth execution of work at the project site.	
7	Clause 3.9.2 of TCC	BHEL shall construct Medical Centre (24 x7 working) , well finished & furnished, of approx. 150sqm shall be constructed by the contractor in the labour establishment area for the workmen with ambulance at workmen establishment. -----	Kindly confirm whether the BHEL common medical facility may be utilized for conducting the medical examinations mandated by M/s DVC/BHEL for gate-pass processing of workmen engaged under the contract, including issuance of the requisite Medical Fitness Certificates. In case such facility is permitted to be used, kindly clarify whether any separate charges are applicable for availing these medical services, or whether the same shall be included under the proportional/shared charges as decided by M/s BHEL. Please also specify the applicable modality or basis of recovery, if any.	BHEL common medical facility can be utilized for conducting pre-employment medical examinations for gate-pass processing. Cost against these facilities (Medical/First aid centre/medicine purchased for emergency/Doctor purpose along with ambulance services with fuel and operator (round the clock)) shall be distributed / shared among the vendors working in the Project site proportionately based on contract value (As per HSE plan). However, till the time BHEL provided common facility is operational, Contractor shall on its own arrange for conducting pre-employment medical examinations for gate-pass processing.
8	Clause 3.9.6 of TCC	Additional Labour Hutment: In case additional labour hutment is required beyond what's allotted by BHEL during the course of contract, then the same has to be constructed by Bidder at its cost..... -----	In reference to the clause pertaining to construction of additional labour hutments beyond those allotted by BHEL, we propose to accommodate our workmen in rented housing located near the project site, which shall comply with all applicable statutory requirements, including sanitation, safety, health, and welfare provisions.	Arrangement of additional labour accommodation is in the scope of bidder. However, it should comply with specification mentioned in TCC.

			<p>In this regard, kindly confirm whether such an arrangement of accommodating workmen in compliant rented housing shall be acceptable to M/s BHEL / Customer in lieu of constructing additional labour hutments as per the BHEL-issued drawings (Annexure-4).</p>	
9	Clause 4.1 (1) of TCC	Crawler Crane 150 MT -1 No.	<p>With reference to the clause specifying the deployment of one (01) 150 MT crawler crane, we request M/s BHEL to provide flexibility to the vendor in selecting suitable lifting equipment. The vendor should be allowed to deploy either a 150 MT crawler crane or a 20 MT tower crane, based on their technical judgment and suitability for the work. This flexibility will help ensure safe, efficient, and smooth execution of erection activities, particularly for ESP internals, inner roof work, and associated structures where a tower crane may offer operational advantages.</p> <p>Further, considering that the project involves two units, it is proposed that the vendor be permitted to deploy one 150 MT crawler crane and one 20 MT tower crane, with flexibility to utilize them across both units as per site requirements. Initially, the 150 MT crawler crane may be deployed in Unit-01. Once the work front is available for ESP internals, inner roof, and related elevated activities in Unit-01, the tower crane can be installed there, and the 150 MT crawler crane can subsequently be shifted and utilized in Unit-02. This approach will optimize resource utilization and improve overall efficiency.</p> <p>Additionally, in the event that cranes are required to remain deployed at site beyond the original contract period due to site constraints, interface issues, or schedule dependencies not attributable to the contractor, we request that the hiring charges for such</p>	Tender condition shall prevail.

					<p>extended duration be reimbursed by M/s BHEL. The reimbursement should be based on prevailing market rates and paid on a monthly basis until demobilization.</p> <p>This clarification is necessary as the amounts payable under ORC and PVC provisions are insufficient to cover prolonged rental charges for heavy cranes and trailers. A suitable provision in this regard will ensure uninterrupted progress and successful execution of the work.</p>										
10	Clause 4.2 of TCC	<table border="1"> <tr> <td>1</td> <td>Tyre mounted mobile crane</td> <td>40/50 MT</td> <td>02 no.</td> <td>As per requirement (Note: -As per Dimensions and weight of the Ducts from ID Fan to Chimney minimum 40 MT capacity Tyre Mounted crane shall be necessarily required for Pre-Assy.)</td> </tr> </table>	1	Tyre mounted mobile crane	40/50 MT	02 no.	As per requirement (Note: -As per Dimensions and weight of the Ducts from ID Fan to Chimney minimum 40 MT capacity Tyre Mounted crane shall be necessarily required for Pre-Assy.)		<p>You are requested to provide the planned deployment period (start and end dates or duration) for each crane proposed for the works.</p> <p>Please note that one (01) 40/50 MT crawler or tyre-mounted mobile crane shall be adequate for each Unit. Its primary application in ESP works will be handling/hoisting of the casing wall and the inlet/outlet (I/L & O/L) funnels during erection and pre-assembly of ducts. We also request M/s BHEL to consider a 40/50 MT crawler crane in place of a 40/50 MT tyre-mounted mobile crane. If BHEL persists in deploying two (02) cranes, then one should be tyre-mounted and the other should be a crawler crane.</p> <p>In the event of an overstay of these cranes beyond the original contract period, the monthly hiring charges shall be borne by M/s BHEL at the prevailing market rate on a monthly basis until the equipment is demobilized from the site.</p>	Please refer Sl no. A of this corrigendum above.					
1	Tyre mounted mobile crane	40/50 MT	02 no.	As per requirement (Note: -As per Dimensions and weight of the Ducts from ID Fan to Chimney minimum 40 MT capacity Tyre Mounted crane shall be necessarily required for Pre-Assy.)											
11	Clause 4.2 of TCC	<table border="1"> <tr> <td>2</td> <td>Tyre mounted mobile crane</td> <td>18/20/23 MT</td> <td>02 no.</td> <td>As per requirement</td> </tr> <tr> <td>3</td> <td>Tyre mounted</td> <td>10/12/14 MT</td> <td>02 no.</td> <td>As per requirement</td> </tr> </table>	2	Tyre mounted mobile crane	18/20/23 MT	02 no.	As per requirement	3	Tyre mounted	10/12/14 MT	02 no.	As per requirement		<p>Kindly provide details of the proposed deployment period for each crane and trailer, including mobilization and demobilization dates or duration of deployment, envisaged for execution of the works.</p> <p>Based on our previous execution experience in ESP and duct erection works, tyre-mounted mobile cranes of 18/20/23 MT capacity (02 Nos.) are generally not</p>	<p>1) Reg Planned deployment - Refer GCC Clause 2.9 & TCC clause 4.17.</p> <p>2) As per TCC clause 4.2 Sl. No. 5</p>
2	Tyre mounted mobile crane	18/20/23 MT	02 no.	As per requirement											
3	Tyre mounted	10/12/14 MT	02 no.	As per requirement											

			mobile crane						optimally utilized for such activities. Accordingly, we request M/s BHEL to kindly consider, in lieu of the above cranes, increasing the quantity of 10/12/14 MT capacity tyre-mounted mobile cranes to four (04) numbers, which would be better aligned with actual site requirements and improve equipment utilization. Further, the trailer with prime mover 40 MT is not required for this scope of work; kindly remove it from the proposed scope as 20 Ton Trailer is adequate for successful execution.	3) Tender condition shall prevail.
		4	Trailer with prime mover	20 MT	01 no.	As per requirement				
		5	Trailer with prime mover	40 MT	As per requirement	As per requirement				
12	Clause 4.2 of TCC	6	Man lifter	min. 40mtr height capacity	01 no.	As per requirement			Its usage is expected to be minimal in the ESP and duct areas and will be required only for tightening of bolts in the bottom structures and associated members of the ESP and ducts. Accordingly, providing the said equipment on hire at a monthly rental of INR 3,00,000 to INR 4,00,000 is not justified for the limited scope of work and would unnecessarily increase the overall project cost. Kindly remove it from the proposed scope.	Tender condition shall prevail.
13	Clause 4.2 of TCC	8	Power Driven Torque tightening machine	As per requirement	06 Nos	Incl. 02 nos. of capacity upto 36 Dia. HSFG bolt tightening.			36 mm dia. HSFG bolts shall be used only for ESP foundation anchor bolts. Tightening will be carried out using a hammer spanner (slugging spanner) by controlled hammering, in accordance with the approved procedure and applicable standards. Therefore, no power-driven torque tightening machine is required in the ESP and outlet duct area.	Tender condition shall prevail.
14	Clause 4.2 of TCC	18	Air compressor/blower (electric/diesel operated)	210 CFM, 7 KG/CM ²	01 no.	As per requirement			In the ESP scope, high-capacity air compressors/blowers (electric or diesel) of 210 CFM at 7 kg/cm ² are not required. Cleaning of the bottom column foundation pockets prior to grouting shall be carried out using hand-operated blowers.	Tender condition shall prevail.
15	Clause 4.2 of TCC	19	Air Leak Test equipment	As per requirement	02 Set	For leakage test			Drawing upon our prior experience with similar projects, we believe that one (01) set will be sufficient to execute and complete the entire scope of work in	1) Refer Sl 19 Clause 4.2 of TCC

			with all auxiliaries.					<p>accordance with the contract requirements and stipulated timelines.</p> <p>However, we seek clarification regarding certain provisions in the contract. As per Clause No. 4.2 under Chapter IV (T&Ps and MMEs to be deployed by the Contractor), it is specified that two (02) sets of Air Leak Test equipment, along with all auxiliaries and Venturi meter, are to be arranged under the contractor’s scope.</p> <p>In contrast, Clause No. 5.0, titled “List of T&P to be Provided by BHEL Free of Hire Charges on a Sharing Basis,” states that BHEL shall provide a Venturi meter along with a blower.</p> <p>In view of the above, we request you to kindly clarify which clause shall take precedence and confirm the exact requirement to be considered for execution.</p>	<p>2) Reg Planned deployment - Refer GCC Clause 2.9 & TCC clause 4.17.</p> <p>3) Tender condition shall prevail.</p>
16	Clause 4.2 of TCC	28	Theodolite of required accuracy	To ensure verticality of structural columns.	02 Nos.	Required Since start of work		<p>Based on our previous experience with similar works, one (1) no shall be adequate to execute and complete the entire scope of work in accordance with the contract requirements.</p>	<p>1) Reg Planned deployment - Refer GCC Clause 2.9 & TCC clause 4.17.</p> <p>2) Tender condition shall prevail.</p>
17	Clause 4.4 of TCC	15	Water Sprinkling tanker for dust suppression		1 No			<p>We advise M/s BHEL to consolidate this with Clause Nos. 2.6.9 and 3.9.2 of the TCC, as it applies uniformly to all vendors operating within these premises.</p>	<p>Tender condition shall prevail.</p>
18	Clause 4.3 (4) of TCC	<p>Ladders on column The minimum design live load on metallic ladder shall be a single concentrated load of 100 kilo grams. All rungs shall have a minimum diameter of 1.9 cm and minimum clear length of rungs shall be 40.6 centimetres. The distance between rungs shall not</p>						<p>Based on our previous experience with the ladder supplied by BHEL for column erection, we request that M/s BHEL permit the use of the ladders provided in PGMA-79-921, 922, and 932.</p>	<p>Tender condition shall prevail.</p>

		<p>exceed 30.5 centimetres. Each ladder shall have maximum height of 9.0 metre. The ladder shall have proper fastenings for attaching it to a column using positive means such as bolt, weld or other type of fasteners.</p>		
19	Clause 14.19.7 of TCC	<p>Erection & dismantling of air blowers and connecting pipes & ducts, providing blanks/ dummies at the required locations and conducting gas-tightness test is in the scope of contract and shall be carried out within the quoted rate. The material for the fabrication of Dummies/blanks shall be provide by BHEL free of cost</p>	<p>Based on our previous execution experience with M/s BHEL, all connecting pipes and ducts, including the required blanks, blind plates, and dummy plates for funnels and hoppers necessary for carrying out gas-tightness tests, shall be provided by M/s BHEL. Kindly confirm this understanding.</p>	<p>Temporary piping, plates for blinds/ dummies shall be issued to bidder on returnable basis.</p>
20	Clause 4.19 of TCC	<p>Apart from above mentioned T&P, any additional item required in addition to above mentioned T&P for proper execution of scope of work, contractor has to arrange such T&P within quoted rate on the instruction of BHEL in writing in a reasonable period within two weeks from the written instruction from BHEL.</p>	<p>The referenced clause is generic in nature and does not clearly define the limits of tools, plants, and machinery (T&Ps/MMEs) included in the contractor’s scope. As bid pricing is based on clearly defined and quantifiable requirements, it is not feasible for the bidder to accurately price open-ended or unspecified equipment obligations at the time of bidding.</p> <p>Under such circumstances, it is challenging for the vendor to accurately evaluate an indefinite requirement, particularly for tools and equipment whose costs were not considered during bid submission.</p> <p>In view of the above, we request M/s BHEL to kindly clarify and suitably amend the clause to clearly demarcate the tools, plants, and machinery considered within the quoted scope, and to define a fair and mutually acceptable mechanism for deployment of any additional or specialized equipment not envisaged at the time of bidding. This clarification will help ensure transparency, realistic pricing, and smooth execution of the contract for both parties.</p>	<p>Tender condition shall prevail.</p>
21	Clause 4.20 of TCC	<p>If the work related to T & Ps mentioned above is completed then, BHEL can release that T&P during contract period / extended period (if any). However,</p>	<p>It has been observed that M/s BHEL requires original documents and bills for all deployed T&Ps at the time of issuing the exit gate pass. Arranging these after such</p>	<p>T&Ps shall be releasees as per gate pass procedure</p>

		written permission shall be taken by contractor from BHEL Construction Manager and gate pass formalities shall be followed by the contractor for releasing the T&P.	a long duration is challenging. It would be more feasible to release the gate pass upon verification of the entry documents.	finalised at site by BHEL/Customer.
22	Clause 2.9.19 of TCC	Contractor shall set up suitable guarded storage facilities. Contractor shall ensure the Storage of only those material at site which will be erected/Pre-assembled within 10 days OR as directed by BHEL Engineer. Any wastage due to lapse of storing shall be debited to contractor with 5% overhead.	<p>The vendor shall be responsible for the custody of materials while under their control. In the event of theft, loss, or missing plant materials, the vendor's sole responsibility shall be to lodge a First Information Report (FIR) or notify the local police station. The vendor shall not be responsible for any investigation or related reports.</p> <p>No recovery shall be made from the vendor for any theft, loss, or missing plant materials, provided an FIR for the said materials has been lodged. However, if materials are stolen after erection, and the protocol has been duly signed and witnessed by both the customer and the client, the erection vendor shall not be held responsible for such theft.</p>	Tender condition shall prevail.
23	Clause 2.17.9 of GCC	<p>PVC shall be applicable for the entire original contract period plus the extended period, i.e. for the complete execution period, as follows</p> <p><u>For PVC computation of the nth month:</u></p> <p>Let the cumulative delay attributable to the Contractor is D_n in the nth month as per Form-14.</p> <p>Considering R_n as the billing value for the nth month, PVC for the nth month shall be calculated as follows:</p> <p>a) PVC for the portion of R_n for an amount of $D_{(n-1)}$ shall be payable as per indices for the (n-1)th month.</p> <p>b) PVC for the balance portion of R_n shall be payable as per indices for the nth month</p> <p>In case $D_{(n-1)}$ is greater than R_n, then entire R_n shall be payable as per indices for the (n-1)th month and the balance portion of</p>	<p>In view of the prevailing geopolitical situation and the potential for significant inflation in the Indian market arising from war-related disruptions involving Iran, Israel, and the USA, we request BHEL to kindly clarify the following:</p> <p>How does M/s BHEL propose to protect / compensate the contractor against abnormal escalation in input costs in case the current situation persists for a longer duration?</p> <p>The tender document currently provides for compensation only towards increase in labour wages, electrodes, and HSD. However, successful execution of the work requires a large number of other essential inputs and resources, the prices of which are also highly susceptible to escalation under such circumstances. These include, but are not limited to:</p>	Tender condition shall prevail.

		<p>$D_{(n-1)}$ shall be adjusted from $R_{(n+1)}$ of the $(n+1)^{th}$ month and will be payable as per indices for the $(n-1)^{th}$ month. ----- </p>	<p>Cutting gases (Oxygen, LPG/DA), Welding consumables, Grinding and cutting consumables Lubricants, hoses, ropes, slings, and shackles, Scaffolding materials, tarpaulins, and safety items, Electrical cables and accessories, Temporary lighting materials, Fasteners, paints, thinners, Insulation-related consumables, Small tools & tackles, Construction plant & machinery / T&Ps Other site consumables required for execution of the work</p> <p>Many of these items (especially LPG/DA gases) are already witnessing sharp price increases in the market, and in some cases, availability itself has become a concern for commercial use. We kindly request BHEL to provide suitable escalation protection or compensation mechanism for such abnormal increase in costs beyond the items already covered in the tender.</p>	
24	1.0 Salient Features of NIT	Sl no. vii) EMD AMOUNT: Rs. 20,00,000/-	We request you to kindly reduce the EMD amount to rupees 5 lakhs.	Tender condition shall prevail.

Note:

- 1) **All other terms and conditions against this NIT shall remain unchanged.**
- 2) **This corrigendum is to be submitted duly signed and stamped along with the Techno-commercial bid (Part- I).**

for BHARAT HEAVY ELECTRICALS LTD
 Manager/ SCT- CPC