

## Corrigendum - 1 dated 15/01/2026 to CPC Tender No.: BHEL/CPC/KOD/BLR\_PCP/26/076

### Corrigendum - 1 to Tender for the Works of

- 1. "Package-A: Unit # 1** - Erection, Testing, Commissioning, Trial Operation & Handing Over including Handling of materials at BHEL / Client's Stores / Storage Yard and transportation to site, preparation of foundation, NDT, fixing of hangers & supports, application of lining, Insulation, supply & painting, Stenciling & Labelling of Boiler and its auxiliaries including Pressure Part, Non-Pressure Parts, Power Cycle Piping, Duct dampers and its support structure, Rotating Equipment, Air Pre-Heaters, ID/FD/PA fans, Mills, Refractory, etc at 2x800 MW DVC Koderma TPP STAGE-II.
- 2. Package-B: Unit # 2** - Erection, Testing, Commissioning, Trial Operation & Handing Over including Handling of materials at BHEL / Client's Stores / Storage Yard and transportation to site, preparation of foundation, NDT, fixing of hangers & supports, application of lining, Insulation, supply & painting, Stenciling & Labelling of Boiler and its auxiliaries including Pressure Part, Non-Pressure Parts, Power Cycle Piping, Duct dampers and its support structure, Rotating Equipment, Air Pre-Heaters, ID/FD/PA fans, Mills, Refractory, etc at 2x800 MW DVC Koderma TPP STAGE-II."

### **A) Modification in TCC Chapter-XXIV: Bill of Quantities and % Weightage of Individual Items:**

(i) Quantity of Some items in **Section-I Package-A** is being revised as mentioned below:

SN	SECTION-I (Package-A)	SCHEDULE	EXISTING QTY	MODIFIED QTY	UOM	Weightage/ Factor "X"
1.1	Structure	1A	20,596.00	20,596.00	MT	0.3181683403
1.2	Pressure Parts	1B	9,828.77	9,828.77	MT	0.2054244439
1.3	Non-Pressure Parts	1C	8,163.78	8,163.78	MT	0.1490446521
1.4	Rotating Machines	2A & 2B	1,968.84	4436.57	MT	0.0527766940
1.5	Insulation- Wool Mattress	3A	2,467.73	2,490.75	MT	0.0493826333
1.6	Insulation- Pourable and Castable	3B	2,490.75	270.00	MT	0.0044832714
1.7	Insulation- Iron Parts	3C	270.00	143.55	MT	0.0024666200
1.8	Insulation- Aluminium Cladding Sheets	3D	143.55	406.00	MT	0.0071439178
1.9	Power Cycle Piping P-91/92	4A	406.00	1,272.07	MT	0.0700918752
1.10	HP Piping Including P-11, P-12, P-22, CS	4B	1,272.07	1,714.52	MT	0.0742177231
1.11	LP Piping and Temporary Piping	4C & 4D	1,714.52	1053.56	MT	0.0316278791
1.12	SS Piping	4H	800.55	44.91	MT	0.0033541650
1.13	Hangers & Supports	4I	253.01	1742.79	MT	0.0318177848
<b>Sub Total of Boiler &amp; Auxiliaries including Power Cycle Piping</b>			<b>52,163.28</b>	<b>52,163.28</b>	MT	1.0000000000

(ii) Quantity of Some items in **Section-I Package-B** is being revised as mentioned below:

SN	SECTION-I (Package-B)	SCHEDULE	EXISTING QTY	MODIFIED QTY	UOM
1.1	Structure	1A	20,596.00	20,596.00	MT
1.2	Pressure Parts	1B	9,783.77	9,783.77	MT
1.3	Non-Pressure Parts	1C	8,163.78	8,163.78	MT
1.4	Rotating Machines	2A & 2B	1,968.84	4428.57	MT

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SN	SECTION-I (Package-B)	SCHEDULE	EXISTING QTY	MODIFIED QTY	UOM
1.5	Insulation- Wool Mattress	3A	2,459.73	2,490.75	MT
1.6	Insulation- Pourable and Castable	3B	2,490.75	270.00	MT
1.7	Insulation- Iron Parts	3C	270.00	143.55	MT
1.8	Insulation- Aluminium Cladding Sheets	3D	143.55	406.00	MT
1.9	Power Cycle Piping P-91/92	4A	406.00	1,272.07	MT
1.10	HP Piping Including P-11, P-12, P-22, CS	4B	1,272.07	1,614.53	MT
1.11	LP Piping and Temporary Piping	4C & 4D	1,614.53	1057.25	MT
1.12	SS Piping	4H	804.24	44.91	MT
1.13	Hangers & Supports	4I	253.01	1742.79	MT
<b>Sub Total of Boiler &amp; Auxiliaries including Power Cycle Piping</b>			<b>52,013.98</b>	<b>52,013.98</b>	MT

**B) Some of the Bidders had asked queries in the published tender specification. The clarifications issued by BHEL are furnished below:**

Sl. No.	Reference clause of Tender Document	Existing Clause	Bidder's Query	BHEL's Response
1	Technical Conditions of Contract (TCC), Chapter-VII: Terms of Payment, Clause no 7.4	Interest Free Secured Mobilization advance as per GCC Clause No: 2.13.1: For Package-A/B  1. On Mobilization of 01 no. of Crane of 150 MT capacity, MT capacity - 2.0% of Contract value. 2. On Mobilization of balance required T&Ps (including manlifter) and resources at site to start the work of Boiler Package A & B as finalized with BHEL Engineer In-Charge - 1% of Contract value. 3. On Installation and Erection of Site Infrastructure by contractor i.e. site office stores, etc. - 01% of Contract value. 4. On Mobilization of 04 nos. of Induction Heating Machine - 1.0% of Contract value.	Interest Free Secured Mobilization advance as per GCC Clause No: 2.13.1.. For Package-A:  1. 01 no. of Crane of 150 MT capacity - 2.5% of Contract value. 2. On Mobilization of balance required T&Ps (including manlifter) and resources On Installation and Erection of Site Infrastructure by bidder i.e. site office, stores - 2.5% of Contract value.	Tender condition shall prevail
2	Technical Conditions of Contract (TCC), Chapter-II: Scope of Work, Clause no.:2.13.9. & Chapter XVIII:	Painting: Structure: All structures shall be supplied from BHEL units/ workshops with finish coats of paint. Therefore, final painting is not applicable in the scope of contractor for Unit supplied	a) About painting works to be carried out for components/equipment as per the Painting schedule, we request BHEL to provide the quantity to be considered for our estimation purpose. b) We shall arrange such consumables for the damages that occur in the process of our on-	(a) Bidder use their previous experience.  (b) Kindly refer clause 2.15 of GCC.

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Sl. No.	Reference clause of Tender Document	Existing Clause	Bidder's Query	BHEL's Response																													
	Painting, Clause no. 18.1	<p>items (until specifically mentioned in the tender).</p> <p>However, touch up painting (wherever required), incidental to the work, shall be in the scope of the contractor, including supply of the required paints and primers and associated consumables.</p> <p>For other components/equipments: The painting works including supply of the required paints and primers and associated consumables shall be carried out as mention in the painting schedule of the respective units.</p> <p>TCC. All the painting work (Refer Chapter-XVIII) required for handing-over of the equipment to customer has to be carried out in this scope.</p>	<p>site activities. Any inherent defect of shop-floor painting or reasons not attributable to us shall not be in our scope.</p>																														
3	Technical Conditions of Contract (TCC), Chapter-XVII: Testing, Pre-Commissioning & Commissioning and Post Commissioning, Clause no 17.45	<p>D.S.L / equivalent system for hoisting equipments are also to be erected and commissioned including load testing by the contractor within the quoted rates.</p> <p>Required manpower including electricians is to be arranged by the contractor for carrying out commissioning of electrical hoist and load testing of electrical hoist. Required loads will be provided by BHEL free of cost. Any minor rectification or for improvement of motor IR valve, arrangement to be made by contractor</p>	<p>Whether electrical testing, including third-party inspection, falls under the scope of contractor or BHEL will engage separate agency for the same. Pls clarify.</p>	<p>All kind of work is in the scope of contractor except explicitly mentioned in TCC.</p>																													
4	Technical Conditions of Contract (TCC), Chapter-XXIV: Bill of Quantities and % Weightage of Individual Items, Package-A, Section-B	<p>Section-II: Mobilisation of special resources (Part with Package-A Fixed Component)</p> <table border="1"> <thead> <tr> <th>S.N</th> <th>Deployment of Requisite Manpower as mentioned below:</th> <th>UOM</th> <th>Qty.</th> <th>Weightage/Factor "X"</th> <th>UNIT RATE (Rs.)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Engineer / Supervisor</td> <td>Manmonth</td> <td>64</td> <td rowspan="2">FIXED VALUE</td> <td>₹ 50,000</td> </tr> <tr> <td>2</td> <td>Computer operator (Skilled)</td> <td>Manmonth</td> <td>32</td> <td>₹ 27,862</td> </tr> <tr> <td>3</td> <td>Service Staff (Semi Skilled)</td> <td>Manmonth</td> <td>64</td> <td></td> <td>₹ 23,169</td> </tr> <tr> <td></td> <td>Execution/Mobilisation of special resources (PVC Shall Not be applicable on Section C)</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	S.N	Deployment of Requisite Manpower as mentioned below:	UOM	Qty.	Weightage/Factor "X"	UNIT RATE (Rs.)	1	Engineer / Supervisor	Manmonth	64	FIXED VALUE	₹ 50,000	2	Computer operator (Skilled)	Manmonth	32	₹ 27,862	3	Service Staff (Semi Skilled)	Manmonth	64		₹ 23,169		Execution/Mobilisation of special resources (PVC Shall Not be applicable on Section C)					<p>Kindly confirm the No of Technical Personnel to be deployed by us.</p>	<p>Tender condition shall prevail</p>
S.N	Deployment of Requisite Manpower as mentioned below:	UOM	Qty.	Weightage/Factor "X"	UNIT RATE (Rs.)																												
1	Engineer / Supervisor	Manmonth	64	FIXED VALUE	₹ 50,000																												
2	Computer operator (Skilled)	Manmonth	32		₹ 27,862																												
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**Corrigendum - 1 dated 15/01/2026 to CPC Tender No.: BHEL/CPC/KOD/BLR\_PCP/26/076**

<b>Sl. No.</b>	<b>Reference clause of Tender Document</b>	<b>Existing Clause</b>	<b>Bidder's Query</b>	<b>BHEL's Response</b>
<b>5</b>	Technical Conditions of Contract (TCC), Chapter-III: Facilities in the scope of Contractor/ BHEL (Scope Matrix), Clause no 3.10.3.	Sufficient power factor compensation equipment like capacitor shall be provided by contractor for reactive loads like welding machines etc. In case of any fine/penalty on account of low power factor, same shall be shared by contractor proportionately according to power consumption.	There would be multiple feeders and multiple substations involved in construction power distribution network. Penalty for low PF if any, is imposed by the Discom for the main incomer station. We suggest to put the PF control measure (capacitor bank) at the incomer station instead of individual feeders (end user) level to simplify the matter.	Tender condition shall prevail
<b>6</b>	Technical Conditions of Contract (TCC), Chapter-IV: T&Ps and MMEs to be deployed by Contractor, Clause no 4.2, S.N. 6	Man-Lifter minimum 40 m height capacity – 02 no.	As it is for inspection purpose we request to change the requirement to 1 Nos	Tender condition shall prevail
<b>7</b>	Technical Conditions of Contract (TCC), Chapter-IV: T&Ps and MMEs to be deployed by Contractor, Clause No 4.32	Filling pump, for hydro test shall be arranged by the contractor, if required. For testing of LP lines, necessary hydraulic test pumps/ hand pumps are to be arranged by the contractor.	We request it to be excluded from our scope. Regular fill pump can be used, else BHEL may please arrange suitable temporary pump.	Tender condition shall prevail
<b>8</b>	Technical Conditions of Contract (TCC), Chapter-VII Terms of Payment Clause 7.1	Pro rata payments (85%) On pre-assembly wherever applicable (if not applicable, this portion shall be clubbed with placement in position) Readiness of scaffolding arrangement in position Placement in position (Upto Erection %) 1.Structure-35% 2. Pressure parts-30% 3.Non-Pressure Parts-35%	Bidders request to amend the payment terms upto erection before alignment to a minimum percentage of 55 % for ensuring cash flow and smooth execution of project	Tender condition shall prevail
<b>9</b>	Technical Conditions of contract (TCC), Chapter-II Scope of Work, Clause No:2.11.12	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 boiler roof, lift shaft and weather protection areas) shall be provided by the agency within the quoted price/rates.	Bidder request to change the supply Scope from bidder.	Tender condition shall prevail
<b>10</b>	Technical Conditions of contract (TCC), Chapter-IX: Clause:9	Dissimilarities in weights of many categories in both package A & B	Please clarify the actual Weightage and percentage weight	Kindly refer revised Chapter-XXIV as enclosed.

**Corrigendum - 1 dated 15/01/2026 to CPC Tender No.: BHEL/CPC/KOD/BLR\_PCP/26/076**

<b>Sl. No.</b>	<b>Reference clause of Tender Document</b>	<b>Existing Clause</b>	<b>Bidder's Query</b>	<b>BHEL's Response</b>
	Bill of Qty./ weight Schedule & Chapter XXIV: Bill of Qty's & Weightage of Individual items.			
<b>11</b>	TCC Chapter-III Clause 3.1.2A	Open space for Labour colony in scope of contractor	It is mentioned that Land/open space is in Bidder scope. To be clarified that it is in Bidder scope post 250 nos accommodation provided by BHEL.	Remarks of this clause is very clear regarding the query. Vendor to follow the tender conditions.
<b>12</b>	NIT Annexure-1 PQR (C-5)	Certificate of solvency for a value of Rs.2480 Lacs	As the amount mentioned in the PQR is much more than the required SD and liquid cash, we request BHEL to review and limit the amount to Rs. 1500 Lacs	Tender condition shall prevail
<b>13</b>	NIT Clause 9.0: Assessment of capacity of Bidder	Cut off for period of assessment shall be 3rd month preceding the month corresponding to the latest date of bid submission.	Current month should be considered for calculation of Load as well as performance.	Tender condition shall prevail

**Encl:**

- 1. Revised TCC Chapter-XXIV: Bill of Quantities and % Weightage of Individual Items**

**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  
Sr. Manager / SCT- CPC**

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

## Chapter-XXIV : Bill of Quantities and % Weightage of Individual Items

**Package Description:** Erection, Testing, Commissioning, Trial Operation & Handing Over including Handling of materials at BHEL / Client's Stores / Storage Yard and transportation to site, preparation of foundation, NDT, fixing of hangers & supports, application of lining, Insulation, supply & painting, Stenciling & Labelling of Boiler and its auxiliaries including Pressure Part, Non-Pressure Parts, Power Cycle Piping, Duct dampers and its support structure, Rotating Equipment, Air Pre-Heaters, ID/FD/PA fans, Mills, Refractory, etc of **Unit-1 & 2 at 2x800 MW DVC Koderma TPP STAGE-II:**

- 1. Package-A:** Unit # 1 - Boiler and its auxiliaries including Pressure Part, Non-Pressure Parts, Power Cycle Piping, Duct dampers and its support structure, Rotating Equipment, Air Pre-Heaters, ID/FD/PA fans, Mills, Refractory, etc at 2x800 MW DVC Koderma TPP STAGE-II
  
- 2. Package-B:** Unit # 2 - Boiler and its auxiliaries including Pressure Part, Non-Pressure Parts, Power Cycle Piping, Duct dampers and its support structure, Rotating Equipment, Air Pre-Heaters, ID/FD/PA fans, Mills, Refractory, etc at 2x800 MW DVC Koderma TPP STAGE-II

<b>Package-A</b>		
<b>SECTION</b>	<b>DESCRIPTION OF PACKAGES / ITEM OF WORK</b>	<b>Percentage weightage w.r.t Total Price</b>
<b>I</b>	Boiler and its auxiliaries including Pressure Part, Non-Pressure Parts, Power Cycle Piping, Duct dampers and its support structure, Rotating Equipment's, Air Pre-Heaters, ID/FD/PA fans, Mills, Refractory, etc	100%
<b>II</b>	Execution/Mobilisation of special resources (PVC & ORC Shall Not be applicable on Section-II)	Fixed Cost
	<b>Total Contract Value</b>	<b>I + II</b>

### Package-A

SN	SECTION-I (Package-A)	SCHEDULE	QTY	UOM	Weightage/ Factor "X"
1.1	Structure	1A	<b>20,596.00</b>	MT	0.3181683403
1.2	Pressure Parts	1B	<b>9,828.77</b>	MT	0.2054244439
1.3	Non-Pressure Parts	1C	<b>8,163.78</b>	MT	0.1490446521
1.4	Rotating Machines	2A & 2B	<b>4,436.57</b>	MT	0.0527766940
1.5	Insulation- Wool Mattress	3A	<b>2,490.75</b>	MT	0.0493826333
1.6	Insulation- Pourable and Castable	3B	<b>270.00</b>	MT	0.0044832714

## TECHNICAL CONDITIONS OF CONTRACT (TCC)

### Chapter-XXIV : Bill of Quantities and % Weightage of Individual Items

SN	SECTION-I (Package-A)	SCHEDULE	QTY	UOM	Weightage/ Factor "X"
1.7	Insulation- Iron Parts	3C	143.55	MT	0.0024666200
1.8	Insulation- Aluminium Cladding Sheets	3D	406.00	MT	0.0071439178
1.9	Power Cycle Piping P-91/92	4A	1,272.07	MT	0.0700918752
1.10	HP Piping Including P-11, P-12, P-22, CS	4B	1,714.52	MT	0.0742177231
1.11	LP Piping and Temp Piping	4C & 4D	1,053.56	MT	0.0316278791
1.12	SS Piping	4H	44.91	MT	0.0033541650
1.13	Hangers & Supports	4I	1,742.79	MT	0.0318177848
<b>Sub Total of Boiler &amp; Auxiliaries including Power Cycle Piping</b>			<b>52,163.28</b>	MT	<b>1.0000000000</b>

#### Section-II: Mobilisation of special resources (Package-A)

Section-II (Package-A)						
S.N	Deployment of Requisite Manpower as mentioned below:	UOM	Qty. A	Weightage/ Factor "X"	UNIT RATE (Rs.) B	AMOUNT (Rs.) C = A x B
1.0	Engineer / Supervisor	Manmonth	64	FIXED VALUE	₹ 50,000	₹ 32,00,000.0
2.0	Computer operator (Skilled)	Manmonth	32		₹ 27,862	₹ 8,91,571.2
3.0	Service Staff (Semi Skilled)	Manmonth	64		₹ 23,169	₹ 14,82,823.7
	Execution/Mobilisation of special resources (PVC Shall Not be applicable on Section C)					<b>₹ 55,74,394.9</b>

#### Package-B

SN	SECTION-I (Package-B)	SCHEDULE	QTY	UOM
1.1	Structure	1A	20,596.00	MT
1.2	Pressure Parts	1B	9,783.77	MT
1.3	Non-Pressure Parts	1C	8,163.78	MT

# TECHNICAL CONDITIONS OF CONTRACT (TCC)

## Chapter-XXIV : Bill of Quantities and % Weightage of Individual Items

SN	SECTION-I (Package-B)	SCHEDULE	QTY	UOM
1.4	Rotating Machines	2A & 2B	4,428.57	MT
1.5	Insulation- Wool Mattress	3A	2,490.75	MT
1.6	Insulation- Pourable and Castable	3B	270.00	MT
1.7	Insulation- Iron Parts	3C	143.55	MT
1.8	Insulation- Aluminium Cladding Sheets	3D	406.00	MT
1.9	Power Cycle Piping P-91/92	4A	1,272.07	MT
1.10	HP Piping Including P-11, P-12, P-22, CS	4B	1,614.53	MT
1.11	LP Piping and Temp Piping	4C & 4D	1,057.25	MT
1.12	SS Piping	4H	44.91	MT
1.13	Hangers & Supports	4I	1,742.79	MT
<b>Sub Total of Boiler &amp; Auxiliaries including Power Cycle Piping</b>			<b>52,013.98</b>	MT

### Section-II: Mobilisation of special resources (Package-B)

Section-II (Package-B)						
S.N	Deployment of Requisite Manpower as mentioned below:	UOM	Qty. A	Weightage/ Factor "X"	UNIT RATE (Rs.) B	AMOUNT (Rs.) C = A * B
1.0	Engineer / Supervisor	Manmonth	64	FIXED VALUE	₹ 50,000	₹ 32,00,000.0
2.0	Computer operator (Skilled)	Manmonth	32		₹ 27,862	₹ 8,91,571.2
3.0	Service Staff (Semi Skilled)	Manmonth	64		₹ 23,169	₹ 14,82,823.7
	Execution/Mobilisation of special resources (PVC Shall Not be applicable on Section-II)					₹ 55,74,394.9

**Note:** The quantity indicated in the BOQ is approximate only and is liable for variation. Payment will be as per actual quantity executed as certified by BHEL Engineer above Unit rate of individual items of BOQ.