

## **Corrigendum - 8 dated 19/07/2025 to CPC Tender No. BHEL/CPC/SPT/EPC-AHP/26/017**

**Name of Work:** "EPC package for Ash Handling Plant at Sipat Super Thermal Power Plant, Stage-III (1X800 MW).

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**A) Some of the Bidders sought clarifications in regard to the published tender specification. The clarifications/modifications issued by BHEL are as below:**

SL no	Reference	Revised requirement/BHEL replies to Bidder clarifications	Clarification required.	BHEL REPLY
1	<b>B)</b> Modification in TCC, S.No. 2 TCC Clause No. 3.14	PT Plant Sludge ..... As 90 cum/hr (Tentative) on continuous basis.	We have noted the revised requirement. However as 90 cum/hr is mentioned as tentative, any change in the specified quantity will call for change in the Pump parameters leading to change in the power consumption. Hence any change in power consumption or pipe size will be to BHEL account. Please confirm.	PT plant sludge discharge to The PT Plant Clarifiers sludge ash slurry may please be considered as 90 cum/hr (Tentative) on continuous basis. Final quantity of same shall be finalized during detailed engineering only. However, The Bidder's are advised to consider a variation of ( $\pm$ ) 20% in the mentioned requirements.
2	<b>B)</b> Modification in TCC, S.No. 6 & 7 TCC Clause No. 12.3 & 12.4	New clauses added.	Please note that the number of feeders and the number of I/Os will vary from system to system depending on the type of system offered by the Bidder. Hence, for the sake of evaluation of cost to BHEL, we suggest BHEL ask bidder for the quantity to be quoted in the bid. This will save cost to BHEL and bidders will also provide better design.	Tender Conditions Shall Prevail
3	<b>C)</b> Clarifications issued by BHEL, S.No. 3 : regarding water availability	Checked and found in order.	Please confirm that in case of any changes due to the specified design in the specification, BHEL will accept the changes and provide the additional water as and if required.	BHEL has already provided the various water quantities available for AHP meeting NIT specification requirement. Thus, we don't find any change in the earlier clarification furnished to the bidder's queries. No additional water shall be provided by BHEL.

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4	<b>C)</b> Clarifications issued by BHEL, S.No. 5 : owner/other package pipes/cables.	Bidder to refer drawing....corrigendum.	Noted, that pipe racks/pedestals as required for <b>AHP</b> shall be in bidder's scope. However, any additional pipe/cable racks of owner/other packages will be at an extra cost. Please confirm.	Refer corrigendum issued earlier regarding space provision for minimum pipes/cable trays of others to be considered on bidder's piperack/pipe pedestals.
5	<b>C)</b> Clarifications issued by BHEL, S.No. 10 : Number of compressor houses	This is EPC bid. Bidder to decide .....	We have just enquired about the number of compressor house as there is only 1 number appearing in the plot plan furnished. Hence, please furnish a clear reply to our clarification, whether 1 compressor house or 2. We will appreciate a clear response.	Refer our clarification furnished earlier. BHEL's response was absolutely clear and crisp. It is once again reiterated that package tender is EPC bid and bidder is free to decide meeting the provision of the NIT specification and its annexures.
6	<b>C)</b> Clarifications issued by BHEL, S.No. 11 : Building sizes	This is EPC bid. Bidder to decide .....	We request you to kindly clarify if the building sizes shown by you in the plot plan furnished to us along with the specification is minimum size <b>or</b> bidder is free to size the buildings in line with NTPC specification requirement.	Refer our clarification furnished earlier. It is once again reiterated that package tender is EPC bid and bidder is free to decide meeting the provision of the NIT specification and its annexures.
7	<b>C)</b> Clarifications issued by BHEL, S.No. 14 : recovery pipes	This is EPC bid. Bidder to decide .....	We have noted that there are two existing pipes from recovery area to the plant and bidder needs to consider tap-off recovery water from the 2 pipes. Please confirm that both tap-off are to be consider for full recovery or 50% from each pipe. This is required for proper sizing of the system.	Refer our clarification furnished earlier. Both pipes are to be individually considered for tap off of full recovery of water meeting NIT requirement.
8	<b>C)</b> Clarifications issued by BHEL, S.No. 18 : Mandatory Spares	Bidder to follow NIT specifications, .....	We look forward for a consolidated list which will be common to all the bidders. This will avoid any undue reasoning during detailed engg.	Bidder to refer Relevant Chapter in TCC for Mandatory Spares.
9	<b>C)</b> Clarifications issued by BHEL, S.No. 47 recovery water point vi) wrongly marked as point v)		BHEL to respond to the last point vi) for AWRS tap-off.	Bidder to take tapping from NTPC's existing recovery water pipelines. No isolation valves/fittings etc will be supplied by BHEL.

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10	<b>C)</b> Clarifications issued by BHEL, S.No. 58 : Fire Detection	The tap-off for the AHP system alone will shall be decided during det. Engg	Please furnish the details at this stage to enable us estimate the same.	The details shall be furnished during detailed engineering.
11	Annexure-3 : Scope matrix rev.1, S.No. 1 : Complete Electrical and C&I ...	Note No. 1 : All AC/DC/Aux Power Supply .....	As 11KV & 3.3KV Switchgear, DCS, VMS are in BHEL scope, Please specify the approximate 220V DC/ 24V DC/UPS/ Aux. Power requirement for BHEL free issue items.	UPS load and 24V DC load applicable to BHEL free supplied equipments shall be shared to successful bidder during detailed engineering by BHEL.Bidder to size the ratings of the systems considering the above load plus any load required for bidder supplied equipments.)
12	Annexure-3 : Scope matrix rev.1, S.No. 3 : Complete Electrical and C&I ...	11KV and 3.3KV Switchboard .... (BHEL Scope)	Please refer ...Few additional 11KV/3.3KV feeder will be added for BHEL requirement...So Bidder will not be responsible in accommodating the same in the electrical room	Tender Conditions Shall Prevail
13	Annexure-3 : Scope matrix rev.1, S.No. 4 : Complete Electrical and C&I ...	HT Motors for Water and Slurry Pump...	Before shifting of motors from BHEL storage, Bidder can check the IR values and free rotation of motor shaft, however, incase after installation if any other technical issues being faced, BHEL will do the needful, Please confirm	The cause of technical issues facused during the execution (if any faced) shall have to be ascertained and accordingly the decision may be taken during the actual execution.
14	Annexure-3 : Scope matrix rev.1, S.No. 4 : Complete Electrical and C&I ...	HT Motors for Water and Slurry Pump...	The supply of consumables and lubrication for BHEL free issue motors --- -request to exclude from the Bidder's scope	Tender Conditions Shall Prevail
15	Annexure-3 : Scope matrix rev.1, S.No. 5A : Complete Electrical and C&I ...	Main AHP DCS..... (s.no.5 - Remarks)	As per point no. 5 under remarks column, please specify the approximate UPS & 24DC capacity, enabling us to consider the same	it is clearly mentioned in the scope matrix that, 24V DC and UPS system (UPS load and 24V DC load applicable to BHEL free supplied equipments shall be shared to successful bidder during detailed engineering by BHEL-EDN.Bidder to size the rating of UPS and DC system considering the above load plus any load required for bidder supplied equipments.)

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16	Annexure-3 : Scope matrix rev.1, S.No. 6 : Complete Electrical and C&I ...	Vibration Monitoring/Analysis.....	Please confirm that our scope will be erection of Sensors, Prefab cables from sensor to field mounted local JB (VMS panel shall be supplied by BHEL), Please clarify the scope of cables between JB to VMS panel .	Complete cabling from JB to VMS shall be in scope of Bidder. " Supply and E&C of all HT/LT power, control, signal and communication cables, Cable trays, supports, earthing, electronic earthing material for BHEL free issue items shall be in Bidder's scope" as per Annexure-3 : Scope matrix rev.1 S.no 1 Remarks
17	Annexure-3 : Scope matrix rev.1, S.No. 7 : Complete Electrical and C&I ...	Roof Top Solar....	As per NIT we have to consider 10% of total solar capacity ie. 10% of 500KWp= 50KWp and shall be of same make as installed in the main plant area (supplied by BHEL), we request to exclude from the Bidder's scope.	Tender Conditions Shall Prevail
18	Annexure-3 : Scope matrix rev.1, S.No. 9 : Complete Electrical and C&I ...	PA System....	Request to provide the approx. requirement of AC/DC/UPS requirement, to be considered	AC, UPS load and 24V DC load applicable to BHEL free supplied equipments shall be shared to successful bidder during detailed engineering by BHEL. Bidder to size the rating of UPS and DC system considering the above load plus any load required for bidder supplied equipments.)
19	Annexure-3 : Scope matrix rev.1, S.No. 10 : Complete Electrical and C&I ...	11KV & 3.3KV Ash Handling Switchgear	As per S.No. 11 - 11KV & 3.3KV Ash Handling Switchgear is in BHEL scope, in the remark column for S.no. 10 (second line) mentioned as Bidder's 11KV Switchboard, Please clarify	"Location of bidder's 11 kV switchboard " shall be read as " location of 11kv switchboard ".
20	Annexure-3 : Scope matrix rev.1, S.No. 12 : Complete Electrical and C&I ...	List of 3.3KV feeder..	3.3KV Transformer Feeder for VFD application - as 11KV & 3.3KV Switchgears are located in the same building, we request that VFD transformer feeder to be provided in 11KV Ash Handling Switchgear.	Tender Conditions Shall Prevail.
21	Annexure-3 : Scope matrix rev.1, S.No. 14 : Complete Electrical and C&I ...	ESP Hopper Level ...	As all the C&I cables upto JB's in BHEL scope, from JB's in Bidder's scope, please confirm whether JB's are provided for each Level instrument or clubbed field	Scope matrix is clear. Bidder to follow the specification. Clubbing / grouping of field instruments shall be done during detail engineering.

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			wise, enabling us to estimate the cable requirement	
22	Annexure-3 : Scope matrix rev.1, S.No. 14 : Complete Electrical and C&I ...	ESP Hopper Level ...	We are assuming that control supplies for these instrument will be provided by BHEL, please confirm the control supply distribution philosophy	Control power to ESP level switches, shall be provided by BHEL.
23	Annexure-3 : Scope matrix rev.1, S.No. 14 : Complete Electrical and C&I ...	APH/ECO/DUCT/SCR Hopper Level ...	As all the cabling from the level switches/JBs. We are presuming that JB's will be provided by BHEL. Please confirm the control supply distribution philosophy for these level switches.	BHEL shall provide JB , cabling from Level switch to JB & Control power to level switches.
24	Drawing No. PE-DG-520-603-C003, Sheet 1 of 1, Rev.0 : Layout of Roads	Legend : ISG roads	The drawing marks roads in ISG Scope in <b>RED blocks</b> . The Drawing shows approach roads for AHP, CHP, LHP, GHP, Biomass, etc. buildings and facilities. Please confirm that the <b>roads associated to AHP Buildings and facilities only are in the scope of this AHP Package</b> , as the approach roads to CHP, LHP, GHP, Biomass, etc. were already included in Coal Handling Package. We request you to kindly reply at the earliest to enable us work on our estimates.	Bidder to refer point no 48 of Corrigendum - 6 dated 08/07/2025 to CPC Tender No. BHEL/CPC/SPT/EPC-AHP/26/017 wherein it is clearly mentioned that Tentative roads for the areas of CHP, AHP, FGD, biomass except Ash silo are marked as guidance. Bidder is expected to develop final layout of roads and drains required for AHS are to be developed and executed by bidder.

### **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**