

Corrigendum - 7 dated 26/05/2025 to CPC Tender No. BHEL/CPC/SGL/EPC-AHP/25/082

Corrigendum - 7 dated 26/05/2025 to CPC Tender No. BHEL/CPC/SGL/EPC-AHP/25/082 for the work of “EPC package for Ash Handling Plant at Singrauli STPP Stage-III (2X800 MW)”.

A) Modification in PRE-QUALIFYING REQUIREMENTS (PQR): Some clauses of existing PRE-QUALIFYING REQUIREMENTS (PQR) (Annexure – 1) of NIT are **revised** and some clauses are **added** in the existing PRE-QUALIFYING REQUIREMENTS (PQR) (Annexure – 1) of NIT as mentioned below;

Sl. No.	PQR Clause No.	Existing clause in Tender	Revised clause
1	A.4	<u>SUB QUALIFICATION REQUIREMENT:</u> Bidder shall submit a confirmation/declaration for Sub PQR Clause 6.1 to 6.4 of Chapter – 6 of TCC towards SUB QUALIFICATION REQUIREMENT of Civil and Structural Works, Design and all other Items/Equipments required for the completion of the package along with bidding documents in Annexure 20.	<u>SUB QUALIFICATION REQUIREMENT:</u> Bidder shall submit a confirmation/declaration for Sub PQR Clause 6.1 to 6.4 of Chapter – 6 of TCC towards SUB QUALIFICATION REQUIREMENT of Ash Slurry Disposal Pumps , Design and all other Items/Equipments required for the completion of the package along with bidding documents in Annexure 20 (Rev-01) , attached along with this Corrigendum .
2	A.5	New Clause added	<u>For Civil:</u> Bidder shall fulfil either A.5.1 or A.5.2 in last Ten Years from the latest date of bid submission; A.5.1 Bidder should have executed one complete civil works of Ash Handling Plant/Coal Handling Plant in a Coal based/Lignite based power plant. OR A.5.2 Bidder should have executed One civil works comprising of at least one RCC Silo of at least 24 mts height OR Shell of one RCC Chimney up to 16 mts height OR Shell of one NDCT up to at least 16 mts height OR “any other RCC structure up to 32 mts height using Slip-Form/Jump-Form Technique” in a running/completed contract.

Corrigendum - 7 dated 26/05/2025 to CPC Tender No. BHEL/CPC/SGL/EPC-AHP/25/082

Sl. No.	PQR Clause No.	Existing clause in Tender	Revised clause
3	A.6	New Clause added	<p><u>For Structural:</u> Bidder shall fulfil either A.6.1 or A.6.2 in last Ten Years from the latest date of bid submission;</p> <p>A.6.1 “Bidder should have executed one complete AHP structure/ CHP Structure/ Mill Bunker/ Boiler/ Power House of one unit of rating >190 MW”</p> <p>“Executed” means the following:</p> <ul style="list-style-type: none"> - For AHP Structure/ CHP structure / Mill bunker – Coal firing of the unit - For Boiler- Boiler Light -up - For Power House – synchronization of unit <p align="center">OR</p> <p>A.6.2 Bidder Should have executed Structural Erection Works of 5000 MT in Single Work order in any Thermal Power Plant or Industrial Plant.</p>
4	Note for PQR Clause A.5 & A.6	Notes for PQR Clause A.5 & A.6 added	<p><u>Note:</u></p> <ol style="list-style-type: none"> 1. In case, Bidder meeting any of the PQ criteria at “A.1 to A.3”, and does not meet the PQ criteria mentioned at “A.5” & “A.6”, then bidder can form consortium with party(ies) who satisfies the PQ criteria at “A.5” & “A.6”. This will be termed as “Consortium Bidding”. 2. In case consortium bidding, Prime bidder should satisfy any of the PQR mentioned at “A.1 to A.3” above and Agency (ies) satisfying the PQ criteria at “A.5” & “A.6” above shall be termed as “Consortium Partner”. 3. Maximum number of consortium partner allowed including prime bidder is three. 4. All conditions as in revised Clause 23 of NIT (attached along with this corrigendum) shall also be applicable for consortium bidding.

Corrigendum - 7 dated 26/05/2025 to CPC Tender No. BHEL/CPC/SGL/EPC-AHP/25/082

Sl. No.	PQR Clause No.	Existing clause in Tender	Revised clause
5	B.1	TURNOVER: Bidders must have achieved an average annual financial turnover (Audited) of Rs. 141 Crores or more over last three Financial Years (FY) ending on 31.03.2024 (i.e., FY 2021-22, 2022-23, 2023-24).	TURNOVER: (i) Bidders must have achieved an average annual financial turnover (Audited) of Rs. 141 Crores or more over last three Financial Years (FY) ending on 31.03.2024 (i.e., FY 2021-22, 2022-23, 2023-24). <p align="center">OR</p> (ii) In case of Consortium bidding; The sum of average annual financial turnover (audited) of the Prime Bidder and consortium partner(s) collectively shall be Rs. 141 Crore or more over last three Financial Years (FY) ending on 31.03.2024 (i.e., FY 2021-22, 2022-23, 2023-24). The average annual financial turnover (audited) of the Prime Bidder shall be at least Rs. 71.91 Crore over last three Financial Years (FY) ending on 31.03.2024 (i.e., FY 2021-22, 2022-23, 2023-24). The average annual financial turnover (audited) of the Consortium partner(s) individually shall be at least Rs. 14.1 Crore over last three Financial Years (FY) ending on 31.03.2024 (i.e., FY 2021-22, 2022-23, 2023-24).
6	B.2	NETWORTH (only in case of Companies): Net worth of the Bidder based on the latest Audited Accounts as furnished for 'B.1' above should be positive	NETWORTH (only in case of Companies): Net worth of the Bidder (<i>In case of Consortium bidding: - Prime Bidder & Consortium partner(s) individually</i>) based on the latest Audited Accounts as furnished for 'B.1' above should be positive.
7	B.3	PROFIT: Bidder must have earned profit in any one of the Five Financial Years ending on 31.03.2024 (i.e., FY 2019-20, 2020-21, 2021-22, 2022-23, 2023-24). Bidder to submit audited balance sheet and Profit & Loss Statement for the year as supporting documents.	PROFIT: Bidder (<i>In case of Consortium bidding: - Prime Bidder & Consortium partner(s) individually</i>) must have earned profit in any one of the Five Financial Years ending on 31.03.2024 (i.e., FY 2019-20, 2020-21, 2021-22, 2022-23, 2023-24). Bidder (<i>In case of Consortium bidding: - Prime Bidder & Consortium partner(s) individually</i>) to submit audited balance sheet and Profit & Loss Statement for the year as supporting documents.

Corrigendum - 7 dated 26/05/2025 to CPC Tender No. BHEL/CPC/SGL/EPC-AHP/25/082

Sl. No.	PQR Clause No.	Existing clause in Tender	Revised clause
8	B.4	Bidder must not be under Insolvency Resolution Process or Liquidation or Bankruptcy Code Proceedings (IBC) as on date, by NCLT or any adjudicating authority/authorities, which will render him ineligible for participation in this tender, and shall submit undertaking (Annexure-7) to this effect.	Bidder (In case of Consortium bidding: - Prime Bidder & Consortium partner(s) individually) must not be under Insolvency Resolution Process or Liquidation or Bankruptcy Code Proceedings (IBC) as on date, by NCLT or any adjudicating authority/authorities, which will render him ineligible for participation in this tender, and shall submit undertaking (Annexure-7) to this effect.
9	B.5	<p>1. a) The bidder shall submit a certificate (Annexure-11 or Annexure-12) for any of the below mentioned instruments of value/limit not less than Rs. 47 Crore from any Scheduled Commercial Non-Cooperative Bank/ Nationalised Bank/ Indian Post Office, as on date not earlier than the date of NIT:</p> <p>i). Cash ii). Bank Guarantee iii). Fixed Deposit iv). Securities available from Indian Post offices such as National Savings Certificates, Kisan Vikas Patras etc.</p> <p align="center">OR</p> <p>1. b) The bidder shall submit a certificate (Annexure-13) for Insurance Surety Bond from any Insurance Company (IRDA approved) for a value not less than Rs. 47 Crore, as on date not earlier than the date of NIT.</p>	<p>1. a) The bidder (In case of Consortium bidding: - Prime Bidder and Consortium partners collectively) shall submit a certificate (Annexure-11 or Annexure-12) for any of the below mentioned instruments of value/limit not less than Rs. 47 Crore from any Scheduled Commercial Non-Cooperative Bank/ Nationalized Bank/ Indian Post Office, as on date not earlier than the date of NIT:</p> <p>i). Cash ii). Bank Guarantee iii). Fixed Deposit iv). Securities available from Indian Post offices such as National Savings Certificates, Kisan Vikas Patras etc.</p> <p align="center">OR</p> <p>1. b) The bidder (In case of Consortium bidding: - Prime Bidder and Consortium partners collectively) shall submit a certificate (Annexure-13) for Insurance Surety Bond from any Insurance Company (IRDA approved) for a value not less than Rs. 47 Crore, as on date not earlier than the date of NIT.</p> <p>Note: In case of Consortium bidding, out of the total requirement of Rs 47 Crore for the aforementioned instrument, the Prime Bidder shall be responsible for contributing at least Rs. 23.97 Crore and Consortium partner(s) individually shall be responsible for contributing at least Rs. 4.7 Crore.</p>

Corrigendum - 7 dated 26/05/2025 to CPC Tender No. BHEL/CPC/SGL/EPC-AHP/25/082

Sl. No.	PQR Clause No.	Existing clause in Tender	Revised clause
		<p align="center">AND</p> <p>2. a) The bidder shall submit a 'Certificate of Solvency' (Annexure-14) for a value not less than Rs. 47 Crore from any Scheduled Commercial Non-Cooperative Bank/ Nationalized Bank as on date, not earlier than the date of NIT.</p> <p align="center">OR</p> <p>2. b) The bidder should furnish a letter for Unutilized line of credit (Annexure-15) from any Scheduled Commercial Non-Cooperative Bank/ Nationalized Bank, confirming the availability of unutilized line of credit limit (both fund based and non fund based) for a value not less than Rs. 47 Crore as on date, not earlier than the date of NIT.</p>	<p align="center">AND</p> <p>2. a) The bidder (In case of Consortium bidding: - Prime Bidder and Consortium partners collectively) shall submit a 'Certificate of Solvency' (Annexure-14) for a value not less than Rs. 47 Crore from any Scheduled Commercial Non-Cooperative Bank/ Nationalized Bank as on date, not earlier than the date of NIT.</p> <p><u>Note:</u> In case of Consortium bidding, out of the total requirement of Rs. 47 Crore for the aforementioned instrument, the Prime Bidder shall be responsible for contributing at least Rs. 23.97 Crore and Consortium partner(s) individually shall be responsible for contributing at least Rs. 4.7 Crore.</p> <p align="center">OR</p> <p>2. b) The bidder (In case of Consortium bidding: - Prime Bidder and Consortium partners collectively) should furnish a letter for Unutilized line of credit (Annexure-15) from any Scheduled Commercial Non-Cooperative Bank/ Nationalized Bank, confirming the availability of unutilized line of credit limit (both fund based and non-fund based) for a value not less than Rs. 47 Crore as on date, not earlier than the date of NIT.</p> <p><u>Note:</u> In case of Consortium bidding, out of the total requirement of Rs 47 Crore for the aforementioned instrument, the Prime Bidder shall be responsible for contributing at least Rs. 23.97 Crore and Consortium partner(s) individually shall be responsible for contributing at least Rs. 4.7 Crore.</p>
10	F	Consortium criteria / Technical Tie up/ JV - Not Applicable	Consortium Criteria- Applicable Technical Tie up/ JV - Not Applicable

Corrigendum - 7 dated 26/05/2025 to CPC Tender No. BHEL/CPC/SGL/EPC-AHP/25/082

B) Modification in NOTICE INVITING TENDER (NIT): Clause 23.0 of NOTICE INVITING TENDER (NIT) is revised as mentioned below;

Sl. No.	NIT Clause No.	Existing clause in Tender	Revised clause
1	23.0	Consortium Bidding (or Technical Tie up): Not Applicable	Consortium Bidding: Applicable Consortium Bidding terms & conditions are attached along with this corrigendum.

C) Modification in Technical Conditions of Contract (TCC): Some clauses of existing TCC are revised as mentioned below;

EXISTING CLAUSE		REVISED CLAUSE	
Clause No.		Clause No.	
Chapter - VI: Sub- Qualification Requirements	Clause 6.2: Revised Clause 6.2 published vide Corrigendum- 3 dated 09/05/2025: AHP CIVIL and STRUCTURAL WORKS: For civil & steel structural works of Ash Handling Plant, Bidder or its agency should have executed Ash Handling Plant/Coal Handling Plant in a Coal based/Lignite based power plant. OR Bidder should have executed One civil works comprising of at least one RCC Silo of at least 24 mts height OR Shell of one RCC Chimney up to 16 mts height OR Shell of one NDCT up to at least 16 mts height OR "any other RCC structure up to 32 mts height using Slip-Form/Jump-Form Technique" in a running/completed contract and Structural works of one Ash Handling Plant/ Coal Handling plant in a Coal based/lignite bases power plant.	Chapter - VI: Sub- Qualification Requirements	Clause 6.2: Deleted
	Clause 6.4: Provenness criteria of all the other Items/Equipments which shall be part of the package and required for the completion of the package shall have to be met by the bidder in line with		Clause 6.4: Provenness criteria of all the other Items/Equipments which shall be part of the package and required for the completion of the package shall have to be met by the bidder in line with the

Corrigendum - 7 dated 26/05/2025 to CPC Tender No. BHEL/CPC/SGL/EPC-AHP/25/082

EXISTING CLAUSE		REVISED CLAUSE	
	the attached NTPC Provenness criteria Sub Section I-A. (Annexure-20).		attached NTPC Provenness criteria Sub Section I-A. [Annexure-20 (Rev-01) attached along with this corrigendum]
Chapter-XVI: Enclosures, Clause 16.1	Annexure-3 (Rev-02): Electrical & C&I Scope Matrix (published along with Corrigendum - 5 dated 21/05/2025)	Chapter-XVI: Enclosures, Clause 16.1	Annexure-3 (Rev-03): Electrical & C&I Scope Matrix (attached along with this corrigendum)
	Annexure-20: Provenness Criteria Declaration Format		Annexure-20 (Rev-01): Provenness Criteria Declaration Format (attached along with this corrigendum)

D) Some of the Bidders had asked queries in the published tender specification. The clarifications issued by BHEL are as below;

Sl. No.	Section/Clause No	Specification	Bidder's Query	BHEL Clarification
1	NIT, Annexure-1 PQR, A.3 (b)	b) The Bidder should also have a valid ongoing collaboration and technology transfer/ Licensing agreement with a QAHPM meeting requirements of clause A.1 on its own, valid minimum up to the end of the defect liability period of the contract. In such a case, Bidder can either source the AHP System from such manufacturer or manufacture/get manufactured the AHP System as per the design and manufacturing drawings released by such QAHPM.	We understand that the valid ongoing collaboration does not mean that QAHPM will not transfer Technology or Licensing agreement to the EPC Organisation. EPC bidder will source the Critical SMI from QAHPM, some non-critical equipment shall be fabricated as per approved drawings Released & Approved by QAHPM and the rest BOI shall be procured on recommendation of QAHPM. Please Confirm.	Bidder to follow specifications
2	NIT, Annexure-1 PQR, A.3 (c)	Bidder shall be required to furnish a letter of support from Collaborator/ Licensor / Technology provider for successful performance of the AHP	We interpret the same as EPC Bidder shall furnish a letter of support from QAHPM for successful performance of the AHP system valid up to the end of	Bidder to follow specifications

Corrigendum - 7 dated 26/05/2025 to CPC Tender No. BHEL/CPC/SGL/EPC-AHP/25/082

Sl. No.	Section/Clause No	Specification	Bidder's Query	BHEL Clarification
		system valid up to the end of defect liability period of the contract as per the format enclosed with bidding documents (attachment-3K) along with the techno-commercial bid submitted to BHEL against this NIT.	defect liability period of the contract as per the format enclosed with bidding documents (attachment-3K) along with the techno-commercial bid submitted to BHEL against this NIT.	
3	NIT, Annexure-1 PQR, Notes for clause A.3 (ii)	Technology Transfer/ Licensing agreement The Technology transfer/Licensing agreement between the Bidder & QAHPM shall necessarily cover transfer/licensing of technological knowhow for AHP system in the form of transfer/licensing of design dossier, design software's, drawings and documentation, quality system manuals and imparting relevant personnel training to the Bidder.	We interpret the same as QAHPM will not transfer the technology nor will there be any Licencing agreement to manufacture the SMI items. EPC bidder will source the Critical SMI from QAHPM, some non-critical equipment shall be fabricated as per approved drawings Released & Approved by QAHPM and the rest BOI shall be procured on recommendation of QAHPM. Please Confirm.	Bidder to follow specifications
4		Terms and Procedure of Payments	We propose our payment terms enclosed as separate sheets.	Tender Conditions Shall Prevail
5	Annexure - 2: Scope Matrix for EPC PKG-Ash Handling Plant, Clause 4	Site Clearance including cutting of trees of girth less than 30 centimetres. Cutting of trees of girth more than 30cm shall be done by the Owner, however, removal and disposal of roots, trees of girth less than 30cm and other vegetation is in Bidder's scope.	We pressure the same is applicable for Area's where AHS buildings are located. Please confirm. Permission / approval if required from competent authorities shall be taken for which active participation & help of purchaser is solicited.	Bidder to follow specifications
6	Clause 5	Leveling & Grading: AHP Vendor - Micro grading (+/- 500mm) shall be in vendor's scope.	We pressure the same is applicable for Area's where AHS buildings are located. Please confirm.	Bidder to follow specifications

Corrigendum - 7 dated 26/05/2025 to CPC Tender No. BHEL/CPC/SGL/EPC-AHP/25/082

Sl. No.	Section/Clause No	Specification	Bidder's Query	BHEL Clarification
7	Clause 6	3D Modelling: AHP Vendor - Complete AHP model including Civil, structural, mechanical, electrical, C&I in E3D software All Structures- RC & Steel Structure in Tekla.	We shall submit Documents & GA drawing in PDF format only for review & approval. Calculation (if & as necessary) shall also be submitted in PDF format. Data of Proprietary in nature shall not be shared. However, RC & Steel Structure in teckle shall be submitted to Purchaser for review & approval.	Bidder to follow specification
8	Clause 7	Roads & Drains: AHP Vendor - The scope of road & drain shall cover for the entire buildings/facilities and Drainage system shall be designed considering the drainage network of entire plant. Scope of road work include giving access to all facilities covered under AHP scope from road which is being executed by BHEL.	We assume that Roads & Drains in and around AHP Building are only in our scope which will give access to all the AHS buildings with main Roads & Drains of the Plant that are in scope of Purchaser (BHEL). Please Confirm.	Main roads developed from BHEL provided. Bidder to develop necessary approach roads for facilities including culvert for main road drain crossing, and necessary dismantling and finishing of main road drain to merger the approach road drains. Main Roads and approach roads at fly ash silo area complex and its facilities shall be developed by bidder.
9	Clause 8	Sewarage system: AHP Vendor - Sewarage system shall be connected to the collection/ lifting pit. Collection pit/Lifting pit will be constructed by BHEL.	We shall share with BHEL the tentative location of sewerage pit from our AHP building to BHEL for its review/ approval.	Network for collection of sewerage to be developed and constructed including roads & drain crossing by bidder. These network to be connected to nearest STP pit which shall be furnished to bidder during detail engineering

Corrigendum - 7 dated 26/05/2025 to CPC Tender No. BHEL/CPC/SGL/EPC-AHP/25/082

Sl. No.	Section/Clause No	Specification	Bidder's Query	BHEL Clarification
10	Clause 9	Efluent Treatment works / network for AHP buildings /facilities: AHP Vendor -	Purchaser to clarify the scope in bidders scope.	Network for collection of effluents to be developed and constructed including roads & drain crossing by bidder. These network to be connected to nearest ETP pit which shall be furnished to bidder during detail engineering
11	Clause 10	Construction Power: AHP Vendor - Construction Power to be provided at One Point. Further Distribution is in the scope of Ash Handling Plant vendor.	Purchaser to reconfirm that Construction Power is free for Bidder. We assume that Power for Office / Labour colony shall be issued to us on Chargeable basis. Please Confirm.	Tender Conditions Shall Prevail
12	Clause 11	Construction Water: AHP Vendor - Construction Water to be provided at One Point. Further Distribution is in the scope of Ash Handling Plant vendor	Purchaser to reconfirm that Construction water is free for Bidder. We assume that Water for Office / Labour colony shall be issued to us on Chargeable basis. Please Confirm.	Tender Conditions Shall Prevail
13	Clause 12	Construction office and Stores and lighting: AHP Vendor -	Purchaser to share the proposed location of the construction Office and Stores. Lighting for the same shall be in our scope.	Proposed Locations Shall be decided after award of the contract and in consultation with Project Director
14	Clause 13	Labour Colony: AHP Vendor -	Purchaser to share the proposed location of the labour colony.	To be decided by Bidder in consultation of the Project Director after award of the contract.

Corrigendum - 7 dated 26/05/2025 to CPC Tender No. BHEL/CPC/SGL/EPC-AHP/25/082

Sl. No.	Section/Clause No	Specification	Bidder's Query	BHEL Clarification
15	Clause 14	Any other scope not mentioned above but required for successful completion of the package: AHP Vendor -	Noted. However any major addition to the scope shall be mutually discussed and agreed upon.	Bidder to assess the same as per the scope of work of AHP
16	Clause 15	Detailed Geotechnical Investigation: AHP Vendor - Preliminary Geotechnical Investigation report is part of the tender documents and same shall be referred for estimation purpose. BHEL will provide the detailed Geotechnical Investigation reports to the successful bidder. However bidder may carryout additional Geotechnical Investigation and GPR if required without any extra cost and time as per technical specification.	Noted. Purchaser may note that GTI shall be undertaken for Equipment / area under this package only.	Bidder to follow Specifications
17	Clause 16	Development of Laydown Area: AHP Vendor -	Purchaser to share the proposed location of the space to be used for the receipt, temporary storage, and occasional assembly of construction equipment and supplies. Lighting for the same shall be in our scope.	Bidder to access from the available documents and in consultation with Project Director after award of the contract.
18	Clause 17	Dismantling of Existing Structures/ Buildings for execution of AHP facilities: AHP Vendor -	Noted. Joint MOM after site visit with Purchaser on the same will be agreed upon before bid submission. Please confirm.	Bidder to follow specification.
19		General Layout Plan (1150-999-POC-F-001 RevD)	Please share the Autocad format as the buildings are not viewable on blow-up. Also the List of building & Equipment are not indicated in the said Plot Plan similar to Dwg No. PE-DG-512-100-M001. Kindly	Pdf is clear for assessing the scope of work. Autocad Drawing shall be provided to successful bidder.

Corrigendum - 7 dated 26/05/2025 to CPC Tender No. BHEL/CPC/SGL/EPC-AHP/25/082

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			incorporate & share the updated Plot Plan with clear demarcation of Old System and proposed system.	
20	Section VI, Part-A, sub section IA, Provenness, Clause 4.19.1 (a), (b), (c), (d)	Wet BAHS system comprising either a jet pump system in conjunction with water impounded BAH or a SSCC system designed for pulverized coal fired boilers Pneumatic fly ash handling system for conveying fly ash from ESPs of a single pulverized coal fired boiler Pneumatic Fly Ash Transportation System for transporting fly ash from pulverised coal fired boiler Complete ash slurry disposal system for handling not less than 40 tons of ash per hour for Coal / Lignite fired stations which includes among others, ash slurry pumps & piping system with associated controls.	We believe that change in PQR requirement from Established norms of NTPC should be applicable for all system requirement and not for one portion of system. Purchaser to clarify the different parameters for different Ash Handling systems.	PQR is clear. Bidder to follow the same
21	Section VI, Part-A, sub section IIA-16, AHS, Clause 1.01.05 (A) b	Twelve (12) numbers clinker grinders complete with drive motors, rails, fluid coupling, gear reducers and accessories as specified and as required.	Rail's shall be provided only if required as per our system requirement.	Bidder to follow specification.
22	Clause 1.01.05 (C-2) v	Three (3) nos. slurry sump compartment isolation valves	Please confirm whether the Slurry Sump Compartment Isolation Valve is Manual Operated or Actuator Operated.	Specification clear.

Corrigendum - 7 dated 26/05/2025 to CPC Tender No. BHEL/CPC/SGL/EPC-AHP/25/082

Sl. No.	Section/Clause No	Specification	Bidder's Query	BHEL Clarification
23	Clause 1.01.05 (D) ii	One (1) number hopper isolation valve assembly & one (1) number motorised Hopper Isolation Valve assembly below each economizer/eco duct hopper	Economiser area is prone to heavy dust & high temperature. Actuator may malfunction in such scenario. We will provide the same at the required position. NTPC	The same shall be reviewed during detailed engg.
24	Clause 1.01.05 (D) v	One (1) number Feeder ejector or Flushing equipment below each air preheater hopper and duct hopper complete with flushing.	Coarse ash system is generally Intermittent system and as such Feeder ejector is the viable solution. In case purchaser requires a continuous operation, then we will go for flushing apparatus under APH & Duct Hopper. Purchaser to confirm.	Specification is clear. Bidder to follow specification.
25	Clause 1.01.05 (D) vi	MS disposal pipes for transfer of air preheater hoppers and duct hoppers ash slurry from feeder ejector/flushing equipment to MS intermediate ash slurry tanks	Purchaser to confirm that Cast basalt lined Pipeline, bends and fixtures are not required up till coarse Ash Slurry Tank and only MS ERW pipeline and ACI bends are envisaged.	Bidder to follow specification.
26	Clause 1.01.05 (E) iv, 1.01.05 (E) vi	Complete chute work (Two chutes from each bins) along with chute block switches. One (1) number of opening in each dewatering bin with manual isolation valve for future provisions.	There are three discharge points envisaged with two working and one as future provision. We will not provide any chute or extension on this future provision. We will provide only manual operated Discharge gate at future point and Two actuator operated Discharge gate at other two working openings. Please confirm.	Bidder to follow specification.
27	Clause 1.01.06 (B) i	One (1) no. material handling valve/feed valve at the outlet of each ESP hopper. One (1) no. chute isolation valve at the outlet of each ESP hopper and.	Expansion joints are not provided under ESP under the Vacuum System. This may kindly be noted.	Noted.

Corrigendum - 7 dated 26/05/2025 to CPC Tender No. BHEL/CPC/SGL/EPC-AHP/25/082

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		Expansion joints below ESP hopper shall also be provided.		
28		SLFD for Fly Ash Handling System (Vacuum System) - 9587-001(R)-POM-A-27 R1	Please confirm whether provision of ESP fludising Pads and ESP Fludising is also to be part of scope of work for AHS bidder.	Confirmed.
29			Please confirm that Seal water for Vacuum Pumps are to be taken from Clarified water tapping Point (to be provided by Purchaser).	Specification is clear. Bidder to follow specification.
30			Please confirm whether we need to provide separate Pumps for vacuum pump seal requirement or the said requirement is to be included in the BA LP pump.	Specification is clear. Bidder to follow specification.
31	Clause 1.01.06 (E) e	The fine ash and coarse ash after classification shall be stored in separate RCC hoppers/structural steel hoppers, fine ash hopper and coarse ash hopper respectively. The capacity of the fine ash hopper (01 no) and coarse ash hopper (02 no) shall be 300 Tonnes each.	Please confirm whether Fine Silo & Coarse Ash Silo are to be either complete MS fabricated or complete RCC.	Specification is clear. Bidder to follow specification.
32	Clause 1.01.06 (E) a & e	The fly ash coming from ESP hoppers or buffer hoppers of both units shall be led to a classifier silo of capacity 250 tonnes The capacity of the fine ash hopper (01 no) and coarse ash hopper (02 no) shall be 300 Tonnes each.	Please confirm whether Fine Silo & Coarse Ash Silo capacity is 250T or 300 T.	Specification is clear. Fly ash and Coarse ash hoppers shall be 300 T each

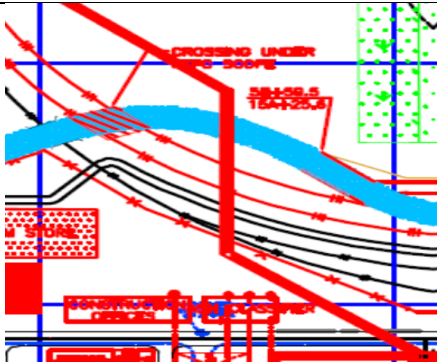
Corrigendum - 7 dated 26/05/2025 to CPC Tender No. BHEL/CPC/SGL/EPC-AHP/25/082

Sl. No.	Section/Clause No	Specification	Bidder's Query	BHEL Clarification
33	Section VI, Part-A, sub section IIA-16, AHS, Clause 1.01.05 (E) f	SLFD for Fly Ash Handling System (Vacuum System) - 9587-001(R)-POM-A-29 R2	Eight (8) Nos Pump Tank / Air Lock Tank are indicated in the revised Flow Diagram for Coarse Ash Silo whereas the same is indicated as Ten (10) on page 9 of 17. Please review.	Bidder to refer NTPC specification and latest flow diagrams.
34	Clause 1.01.05 (E) o	Mechanized transportation (without manual intervention) of fly ash bags from bagging machine up to the storage shed and from storage shed to load into the Trucks, by suitable conveying system along with associated arrangements. Provisions for direct loading of bags into trucks without storing shall also be there. Adjustment to load bags in all types of Trucks shall be provided	Kindly clarify the mechanised Transportation system and its components / equipments envisaged.	Bidder to refer NTPC specification and clarification/amendment
35			We envisage the loading of bags and truck will be done by manual loading only.	Bidder to refer NTPC specification and clarification/amendment
36	Clause 1.01.07 ioperation and maintenance. Four (04) numbers (two working + two standby) Feeder ejector below each intermediate Silo with expansion joints, vertical pipe connections, cylinder operated valve, slurry discharge piping up to combined ash slurry sump, and necessary fixing clamps, and structural steel as required	This type of arrangement is not indicated in the process flow diagrams. Please review the same and reconfirm whether we have to provide such system.	Bidder to refer NTPC specification, latest flow diagrams, clarifications and amendment
37	Section VI, Part-A, sub section IIA-16, AHS, Clause 1.01.07 iii	Two (2) nos. (one at entry and another at exit) Pitless type Weigh Bridge shall be provided at dry fly ash silo area for Truck/Bulker loading complete with all electrical, controls, civil and structural works for weighment of trucks/bulkers	Please confirm whether Pitless type Weigh Bridge is to be provided at the silo complex gate or near Silo entry exit.	Bidder to follow specification.

Corrigendum - 7 dated 26/05/2025 to CPC Tender No. BHEL/CPC/SGL/EPC-AHP/25/082

Sl. No.	Section/Clause No	Specification	Bidder's Query	BHEL Clarification
		before and after filling. Mass flow meter/Solid flow meter (Five numbers below each silo) complete with all electrical, controls etc to be provided for measurement of ash quantity (total or part, as required) during filling of ash to the road tanker/Rail Wagons.		
38	Clause 1.01.07 iv	Pitless type Weigh Bridge for rail loading below dry fly ash silos (minimum seven numbers) complete with all electrical, controls, civil and structural works for weighment of rail Wagons during filling.	Please confirm how many total Pitless type Weigh Bridge are to be provide by bidder for this package.	Bidder to follow specification.
39	Clause 1.01.07 xiii	Suitable arrangement for Control of movement of Telescopic spout shall have to be provided in all three X-Y-Z directions to facilitate loading of ash into Wagons.	Please confirm whether one loading spout for one wagon is envisaged and there will be three loading spouts loading simultaneously for three wagons in case wagon loading is to be done.	Bidder to follow specification.
40	Clause 1.01.08 iv	Four (04) nos slurry sump compartment isolation valves	Please confirm whether the Slurry Sump Compartment Isolation Valve is Manual Operated or Actuator Operated.	Bidder to follow specification.
41	Clause 1.02.00 d) vi	Any treatment facility required to ensure that the total suspended solids in Economiser ash and bottom ash over flow water is restricted to 100 ppm.	Please indicate the location of the proposed clarifier system for such requirement on the plot plan.	Bidder to follow specification.
42	Section VI, Part-A, sub section IIA-16, Terminal Points & Exclusion, Clause 1.01.01, 1.01.02, 1.01.03, 1.01.04, 1.01.06,	Auxiliary Steam System Headers Interconnection Plant Water System Ash handling system: Terminal Point for Ash slurry disposal piping (combined ash slurry) and AWRS piping shall be 5 m inside	Our scope is limited to Ash handling system.	Bidder to refer scope matrix. Coal Handling Plant & Fuel oil system is not in the scope of bidder.

Corrigendum - 7 dated 26/05/2025 to CPC Tender No. BHEL/CPC/SGL/EPC-AHP/25/082

Sl. No.	Section/Clause No	Specification	Bidder's Query	BHEL Clarification
		plant boundary. Coal Handling Plant Fuel oil system		
43	Clause 3.01.00	For AWRS	Please confirm that AWRS is not in our scope.	Bidder refer the terminal point mentioned in the specification.
44			To expedite the execution of the subject project, we request NTPC to share the Approved Sub Vendor List.	NTPC approved vendor list is already available in the specification.
45			We assume that BA Slurry & Combined Slurry Piping in Plant is on pedestals and the FA Conveying Pipelines from Buffer Hopper to Classifier & From Classifier / Coarse /Fine Ash Silo shall be over pipe rack to respective silo. Please Confirm.	Fly ash conveying is on pipe rack. Regarding slurry BA and combined ash slurry pipe, bidder to refer latest plot plan [Annexure-4 (Rev-01)].
46			<p>Please clarify whether Fly Ash Piping crossing and upto Fly Ash Silo is over Pipe rack.</p> <p>Route of Combined Slurry is also not indicated in clear from Plot Plan.</p>	Fly ash conveying is on pipe rack. Regarding slurry BA and combined ash slurry pipe, bidder to refer latest plot plan [Annexure-4 (Rev-01)].
47	9587-001(R)-POM-A-A-027 R1		As per flow diagram, coarse ash is also fed to Fine ash silo which may not be required for bagging plant.	Bidder to follow specification.

Corrigendum - 7 dated 26/05/2025 to CPC Tender No. BHEL/CPC/SGL/EPC-AHP/25/082

Sl. No.	Section/Clause No	Specification	Bidder's Query	BHEL Clarification
48			Please clarify whether the Feed point of Open Truck / Closed Bulker and Wagons are on same line (on rail track) or in Offset Positions.	Bidder to follow specification. The arrangement shall be reviewed during detailed engg.
49	Section VI, Part-A, sub section IIA-16, AHS, Clause 1.01.07 xiiii	The pitching of ash silo and overall arrangement of hydro-mix conditioner units, telescopic chutes, air slides etc shall facilitate simultaneous loading of seven wagons (BOXN/BCFC/BCCW/BTAP)	Please clarify the rack arrangement below silo for simultaneous feeding of 7 wagons.	Bidder to follow specification. The arrangement shall be reviewed during detailed engg.
50			Please indicate the location of the surplus earth disposal site in the layout.	Bidder to visit site and access the location.
51			Please share the bore hole layout for the plant corresponding to the bore hole data given with the specification.	Refer to the Geo Tech Investigation Report attached as part of specifications.
52			Purchaser should allow the provision of Shop Testing of Equipment(s) with the Shop motor in accordance with Relevant Code / Standard.	Tender Conditions Shall Prevail
53	Annexure - 2: Scope Matrix for EPC PKG-Ash Handling Plant, Clause 6	3D Modelling: AHP Vendor - Complete AHP model including Civil, structural, mechanical, electrical, C&I in E3D software	In order for us to provide BHEL this requirement, it is imperative that BHEL shares the following input details for us to process the BHEL's requirement: i) Existing plant 3D in stp format. ii) New boiler to ESP with supporting structure STP format and Native file.	Boiler 3D model will not be shared. However necessary inputs required for developing 3D model by bidder will be provided during detail engineering
54	TS Section-VI, Part-B, Sub Section-A-01, Equipment Sizing Criteria, Clause 3.14.00	Instrument Air Compressor	Please Confirm whether Instrument Air Compressors are to be considered in Our Scope or They are in scope of BHEL and	IA compressors is not in bidder's scope. Refer Cl.3.7.1 of Technical conditions of contract for details

Corrigendum - 7 dated 26/05/2025 to CPC Tender No. BHEL/CPC/SGL/EPC-AHP/25/082

Sl. No.	Section/Clause No	Specification	Bidder's Query	BHEL Clarification
			we need to submit Instrument Air requirement for total AHS requirement.	
55	Corrigendum-5 Sl. No. 29	Noted for electrical. Control and Instrumentation is in the scope of Bidder. Refer SL. No. 11 of Annexure-3 ELECTRICAL, CONTROL AND INSTRUMENTATION SCOPE MATRIX FOR 2X800 MW NTPC SINGRAULI AHP.	SL. No. 11 is missing in Annexure-3 (R.2) ELECTRICAL, CONTROL AND INSTRUMENTATION SCOPE MATRIX	Annexure-3 (Rev-03): Electrical & C&I Scope Matrix (attached along with this corrigendum)
56	Commercial	Payment Terms	Considering the scope of work & quantum involved, Advance Payment would help the facilitation of project execution. Therefore, we request you to kindly pay 10% as Advance on the basic contract value against submission of equivalent amount of ABG (reducing value type).	Tender Conditions 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
Sr. Manager/ SCT

ANNEXURE-3 Rev-02-ELECTRICAL, CONTROL AND INSTRUMENTATION SCOPE MATRIX FOR 2X800 MW NTPC SINGRAULI AHP						Rev: 03 Dated: 24-05-2025
BROAD SCOPE: The scope for complete Ash handling system shall include complete design, engineering, manufacture/supply, shop fabrication, assembly, testing & inspection at manufacturer's works, maintenance tools & tackles, spares for erection, start-up and commissioning as required, fill of lubricants & consumables, packing, despatch, transportation, delivery to site, unloading, handling & storage at site, construction of Stores at site (Open & Closed), round the clock security at open storage yard , closed storage shed & erected material till completion of work, construction, erection, its supervision, testing ,inspection, commissioning and handing over to Owner and Guarantee testing, including all associated Mechanical, all auxiliary systems, Civil & Structural Steel Works, Architectural Works, Electrical, Control & Instrumentation Works as specified in tender specification, amendments & agreements till placement of order & as necessary for completeness in all respects and for efficient & trouble free operation for 2X800 MW NTPC SINGRAULI						
SL. NO.	SCOPE DETAILS	INPUT DETAILS	ENGINEERING / DESIGN	SUPPLY	RECEIPT, UNLOADING, STORAGE, ERECTION, TESTING, COMMISSIONING	REMARKS
1	<p>Complete Electrical and C&I System for Ash Handling System.</p> <p>Note:</p> <p>a) Only 2 No of 11kV uncabled Feeder shall be provided by BHEL to bidder for Common AHP application at two locations as mentioned below:</p> <p>Location-1: One feeder at MV Switchgear room at EL.4.0M from A-row to C-row between grid-2 to Grid-4.</p> <p>Location-2: Second feeder at MV Switchgear room at EL.4.0M from A-row to C-row between grid-15 to Grid-17.</p> <p>Maximum MVA Available (including BHEL 4 nos of 11kV Transformer feeder): 24.0 MVA (which includes loading of 5.6 MVA of 4 nos of 11kV Transformer feeder of BHEL PEM use).</p> <p>b) Only 4 No's of 11kV uncabled Feeder shall be provided by BHEL to bidder for Utilized AHP 11/0.415kV Transformer application at two locations as mentioned below:</p> <p>Location-1: Two feeders at MV Switchgear room at EL.4.0M from A-row to C-row between grid-2 to Grid-4.</p> <p>Location-2: Two feeders at MV Switchgear room at EL.4.0M from A-row to C-row between grid-15 to Grid-17.</p> <p>Maximum MVA Available: 1.7MVA for each unitized AHP Board</p> <p>c) Only 2 No's of 11kV Feeder shall be provided by BHEL to bidder for Silo area AHP 11/0.415kV Transformer application at two locations as mentioned below:</p> <p>Location-1: One feeder at MV Switchgear room at EL.4.0M from A-row to C-row between grid-2 to Grid-4.</p> <p>Location-2: Second feeder at MV Switchgear room at EL.4.0M from A-row to C-row between grid-15 to Grid-17.</p> <p>Maximum MVA Available: 2.15MVA for Silo Area</p>	AHP EPC Bidder	AHP EPC Bidder	AHP EPC Bidder	AHP EPC Bidder	<p>Bidder shall provide min. 2 Nos. uncabled feeders each of 250A, 100A, 63A, 32A, 16A rating (1 No in in I/C-1 and 1 No in I/C-2) in all 415V PMCC boards supplied by Bidder for BHEL use. These loads also shall be considered by bidder for transformer sizing.</p> <p>Bidder shall provide 3 Nos. uncabled Transformer feeders in AHP 11kV board for 2500kVA Transformer for BHEL PEM use. These loads also shall be considered by bidder for 11kV Board sizing. Actual MVA Load 4300 KVA for these 3no. feeders to be considered. Cable tray/Supports/earthing within the bidders switchgear building is in the scope of bidder.</p> <p>Bidder shall provide 1 No. uncabled Transformer feeders in AHP 11kV board for 1600kVA Transformer for BHEL PEM use. These loads also shall be considered by bidder for 11kV Board sizing. Actual MVA Load 1260 KVA for this 1 no feeder. Cable tray/Supports/earthing within the bidders switchgear building is in the scope of bidder.</p> <p>Cable tray and rack upto nearest BHEL cable rack is in the scope of bidder.</p> <p>Bidder shall provide the Illumination, Earthing, Lightning protection for all areas where Civil & structural is in bidder scope.</p> <p>The interconnection between Bidders earthing and Existing/Main earth grid is in Bidder scope.</p> <p>Wherever integration of bidder supplied items with BHEL supplied system is involved, necessary integration shall be done by the bidder.</p> <p>Bidder to co-ordinate with BHEL-PEM for the Civil inputs required in Centralised Offsite Control Room for AHP system equipment's.</p> <p>Obtaining Statutory clearance is in Bidders scope.</p> <p>Plot Plan: Quantity & location of AHP MCC buildings marked in plot plan is tentative only. Bidder to decide the Quantity and locations of MCC buildings without disturbing other facilities of BHEL.</p> <p>Cable trestle/rack/pedestals required as below in is bidders scope.</p> <p>1. For all bidders facilities.</p> <p>2. For BHEL facilities located in bidder buildings</p> <p>Please refer plot plan Annexure 4 for further details and scope demarcation.</p> <p>Connection between oil retention pit(Bidders scope of Transformer) to common oil retention pit located in main plant area is in bidders scope.</p> <p>Bidder shall maintain WORK PERMIT ISSUE / CANCELLATION Slips for all types of Electrical Isolation & Service resuming.</p> <p>Bidder shall maintain, Safety Log book for Clearance with signatures of all concerned engineers from Site operations, Mechanical, Electrical and C&I department of Bidder & BHEL for all types of drive /system Operations from DCS. Standard SAFE ELECTRICAL OPERATION procedures to be followed strictly by bidder.</p> <p>One Common MCC building (CHP MCC-3 cum AHP MCC) for CHP and AHP system is considered near TP-21 and location is marked in the plot plan. Equipment layout of this building is in BHEL's scope. Tentative Equipment layout enclosed for reference (Annexure-3H Tentative Equipment layout Common MCC building (CHP MCC-3 cum AHP MCC) and space allotted for AHP bidder facilities inside this building is categorically mentioned. Bidder to note that no additional space in this common MCC building shall be provided for bidder. Interconnecting Cable rack between BHEL common MCC and Bidders cable rack for AHP shall be in bidders scope.</p> <p>The following which are required for the common Building (CHP MCC-3 cum AHP MCC) are excluded from bidders scope;</p> <p>1. AC and Ventilation. However heat load of Bidders equipments to be furnished by bidder along with offer.</p> <p>2. Illumination for this building. 4 No's of 32A O/G feeder considered in BHEL MLDB for bidder use for any illumination work by bidder near by this building. However Bidder shall provide 2 No's of 32A O/G feeders in BHEL MLDB in SILO area for BHEL use.</p> <p>3. 220V DC battery, charger with DCDB considered in this building by BHEL. However, cable & cabling between BHEL DCDB & bidder equipments is in the scope of bidder. Bidder load limited to this building only considered in this DC system.</p> <p>4. Building periphery earthing, Floor grid of this common building. However Earthing of Bidders supplied equipment in this common building to near BHEL grid is in Bidders scope.</p> <p>5. Cable trays & support in this common building. Bidder to provide BOQ of cable trays & supports for Bidders requirement along with offer. Cable laying is bidders scope for bidder supplied equipments.</p> <p>Base frame, channels, angles, conduits/pipes, transformer related rails, channels/flats required for transformer withdrawal, fencing, soak pits or any other supporting arrangement required for Bidders equipment in the common MCC building is in the scope of bidder.</p> <p>Security of all equipment's till handing over to end customer is in scope of bidder.</p> <p>Suppliers Finalization: Bidder to follow Customer referred sub vendor list of Elec/ C&I items which is part of NIT. In case of requirement of any new make, bidder shall submit Vendor list with credential. Approval of vendors is subject to Customer/BHEL approval.</p> <p>Bidder is fully responsible in preparation and getting certification for the Erection, Testing & Commissioning protocols from the end customer. The protocols shall be made for every equipment / system where E&C is in Bidder scope.</p> <p>Bidder shall maintain WORK PERMIT ISSUE / CANCELLATION Slips for all types of Electrical Isolation & Service resuming.</p> <p>Bidder shall maintain, Safety Log book for Clearance with signatures of all concerned engineers from Site operations, Mechanical, Electrical and C&I department of Bidder & BHEL for all types of drive /system Operations from DCS. Standard SAFE ELECTRICAL OPERATION procedures to be followed strictly by bidder.</p>
2	Interface with upstream breaker at 11kV System	BHEL-PEM	AHP EPC Bidder	AHP EPC Bidder	AHP EPC Bidder	In Scope of BHEL
3	PA System	BHEL	BHEL	BHEL	BHEL	For estimation, the Bidder may take 10 % of the total capacity of the Solar Plant Defined for the Singrauli Project as a whole. Further before placement of the order, Bidder to ensure that the items thus procured shall be of the same make as installed in the main Plant area supplied by BHEL.
4	Roof Top Solar System	BHEL-SBD/RUDRAPUR	AHP EPC Bidder	AHP EPC Bidder	AHP EPC Bidder	Supply of DCS, UPS, 24V DC system in bidders scope and bidder to procure the DCS and VMS from EDN since NTPC tender condition calls for the same make DCS, VMS etc as that of SG, BTG package
5	DCS VMS, UPS, 24V DC System	BHEL-EDN	AHP EPC Bidder	AHP EPC Bidder	AHP EPC Bidder	In Scope of BHEL
6	CCVM System	BHEL	BHEL	BHEL	BHEL	Power supply feeders (as per Annexure-3D) and Power Cable & Cabling for these power supplies are in the scope of bidder.
7	Fire Fighting and FDA System	BHEL	BHEL	BHEL	BHEL	VOID
8	VOID	VOID	VOID	VOID	VOID	VOID
9	ESP Hopper Level	BHEL-RANIPET	BHEL-RANIPET	BHEL-RANIPET	BHEL-RANIPET	ESP hopper High & Low level switches and Level Scanner (First to Third Field) and wiring up to Junction Box/ ESP MCC are excluded from bidder scope. However, Cable & Cabling from Junction Box/ ESP MCC to AHP DCS is in the scope of bidder. IO's for the above shall be considered in bidder supplied AHP DCS.
10	APH/ECO/DUCT/SCR Hopper Level	BHEL-TRICHY	BHEL-TRICHY	BHEL-TRICHY	BHEL-TRICHY	Level switches for Economizer / APH hoppers/Duct Hopper are excluded from bidder scope. However, Cable & Cabling from Level Switches/ Junction Box is in the scope of bidder. IO's for the above shall be considered in bidder supplied AHP DCS.
11	C&I along with DCS for AWRIS System and further interfacing with AHP DCS system	BHEL-EDN/ AHP EPC Bidder	AHP EPC Bidder	AHP EPC Bidder	AHP EPC Bidder	Bidder to refer customer NIT specification for scope clarity.

Name of BHEL UNIT for coordination with bidder of various system applicable to AHP		
Sl No	System	BHEL-Unit
1	Plot Plan with Switchgear location, cable routing, earthing, illumination etc for AHP	BHEL-ISO
2	Electrical and C&I system other than below listed	BHEL-ISO
3	Design and integration of 3.3KV and 11KV system along with upstream breaker interface	BHEL-PEM
4	DCS, VMS, UPS, 24V DC System	BHEL-EDN
5	CCVM System	BHEL-EDN
6	PA System	BHEL-EDN
7	Fire Fighting and FDA system	BHEL-PE&SD
8	Roof Top Solar System	BHEL-SBD/Rudrapur

**ANNEXURE-20 (Rev-01) DECLARATION REGARDING SUBMISSION OF CREDENTIALS PERTAINING TO
SUB- QUALIFICATION REQUIREMENT MENTIONED AT 6.1 to 6.4 OF TCC**

CONFIRMATION/DECLARATION

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir/Madam,

Sub: DECLARATION REGARDING SUBMISSION OF **SUB QUALIFICATION REQUIREMENT** OF AHP and ALL OTHER ITEMS/EQUIPMENTS REQUIRED FOR THE COMPLETION OF THE PACKAGE TOWARDS SUB-QUALIFICATION REQUIREMENT MENTIONED AT CLAUSE 6.1 to 6.4 OF TCC

Ref: NIT/Tender Specification No: _____

I/We, _____
declare that, I/We shall submit the **SUB QUALIFICATION REQUIREMENT** of Ash Slurry Disposal Pumps, AHP Civil And Structural Works Design and all other items/equipments required for the completion of the package as mentioned at Clause 6.1 of TCC for qualification, before commencement of any activity towards the said work.

In case, I/We fail to submit the requisite documents, BHEL shall be entitled to take any contractual action.

Sign. of the AUTHORISED SIGNATORY

(With Name, Designation and Company seal)

CONSORTIUM BIDDING TERMS & CONDITIONS

23.0 Consortium Bidding shall be allowed only if specified in Pre-Qualifying Requirement (PQR) criteria, and in such a case the following shall be complied with:

23.1 Prime Bidder and Consortium Partner or partners are required to enter into a consortium agreement for the said contract with a validity period of six months initially. In case bidder becomes L1, Consortium Agreement valid till contractual completion period shall be submitted to BHEL before signing the contract. Consortium Agreement shall be kept valid till scope of work awarded to consortium partner(s) as per contract is completed.

23.2 ‘Standalone’ bidder cannot become a **‘Prime Bidder’ or a ‘Consortium bidder’ or ‘Technical Tie up bidder’ in a consortium (or Technical Tie up) bidding.** Prime bidder shall neither be a consortium partner to other prime bidder nor take any other consortium partners. However, consortium partner may enter into consortium agreement with other prime bidders. In case of non-compliance, consortium bids of such Prime bidders will be rejected.

23.3 Number of partners for a Consortium Bidding (or Technical Tie up) including Prime Bidder shall be NOT more than 3 (three).

23.4 Prime Bidder shall be as specified in the Pre-Qualification Requirement, else the bidder who has the major share of work.

23.5 In order to be qualified for the tender, Prime Bidder and Consortium partner or partners shall satisfy (i) the Technical ‘Pre Qualifying Requirements’ specified for the respective package, (ii) “Assessment of Capacity of Bidder’ as specified in clause 9.0.

23.6 Prime Bidder shall comply with additional ‘Technical’ criteria of PQR as defined in ‘Explanatory Notes for the PQR’.

23.7 Prime Bidder shall comply with all other Pre Qualifying criteria for the Tender unless otherwise specified

23.8 In case customer approval is required, then Prime Bidder and Consortium Partner or partners shall have to be individually approved by Customer for being considered for the tender.

23.9 Prime Bidder shall be responsible for the overall execution of the contract.

23.10 In case of award of job, Performance shall be evaluated for Prime Bidder and Consortium Partner or partners for their respective scope of work(s) as per prescribed formats.

23.11 In case the Consortium partner or partners back out, their SDs shall be encashed by BHEL and BHEL shall take necessary action as per extant guidelines. In such a case, other consortium partner or partners meeting the PQR have to be engaged by the Prime Bidder and the new consortium partner or partners shall submit fresh SDs as applicable.

In case Prime bidder fails to engage new consortium partner, the respective work will be withdrawn and executed by BHEL and the expenses shall be recovered from the Prime bidder in following mode;

Amount of recovery= $[(A-B) + (A \times H/100)]$

Where,

A= Value of withdrawal Work of consortium partner as per rates of new contract

B= Value of withdrawal Work of consortium partner as per rates of old contract being paid to the contractor at the time of withdrawal of work i.e. inclusive of PVC & ORC, if any.

H = Overhead Factor to be taken as 5

In case (A-B) is less than 0 (zero), value of (A-B) shall be taken as 0 (zero).

- 23.12 In case Prime Bidder withdraws or insolvency / liquidation / winding up proceedings have been initiated / admitted against the Prime Bidder, BHEL reserves the right to cancel, terminate or short close the contract or take any other action to safeguard BHEL's interest in the Project / Contract. This action will be without prejudice to any other action that BHEL can take under Law and the Contract to safeguard interests of BHEL.
- 23.13 After execution of work, the work experience shall be assigned to the Prime Bidder and the consortium partner or partners for their respective scope of work. After successful execution of one work with a consortium partner under direct order of BHEL, the Prime Bidder shall be eligible for becoming a 'standalone' bidder for works similar to that for which consortium partner was engaged, for subsequent tenders.
- 23.14 The consortium partner shall submit SD equivalent to 1% of the total contract value in addition to the SD to be submitted by the Prime Bidder for the total contract value. In case there are two consortium partners, then each partner shall submit SD equivalent to 0.5% of the total contract value in addition to the SD to be submitted by the Prime Bidder for the total contract value. However, Prime Bidder has also option for submission of SD on behalf of consortium partner (s).
- SD submitted by Consortium Partner(s) may be released in case corresponding scope of work of the respective Consortium partner(s) has been completed upto the extent of 80% based on certification by Construction Manager and concurrence by the prime bidder.
- 23.15 In case of a Technical Tie up, all the clauses applicable for the Consortium partner shall be applicable for the Technical Tie up partner also.