

Corrigendum - 4 dated 17/06/2025 to CPC Tender No. BHEL/CPC / KRW/ PILING/ 26 /015

Corrigendum - 4 to Tender for the work of “Installation of Cast-in-Situ Pile, Breaking of Pile Head, Pile Built-up, Conducting Pile Load Test, Pile Integrity Test, etc., Casting of Pile Cap & Pedestal including Bolt Fixing, Plinth Beam, etc. including backfilling and handing over to other agency at 2X660MW Super Critical Thermal Power Project, HTPS, Korba West, Chhattisgarh.”

A) Modification in Clause 2.14.1 of GCC is as below:

Sl. No.	Reference clause of Tender	Existing Clause	Amended Clause
1	2.14.1 of GCC	Variation in Final Executed Contract Value The quantities given in the contract are tentative and may change to any extent (both in plus side and minus side). No compensation becomes payable in case the variation of the final executed contract value is within the limits of Minus (-) 15% of awarded contract value. Also, no compensation becomes payable in case the contract gets partially executed/ short closed/ terminated/ work withdrawn under Rights of BHEL mentioned in Clause 2.7 of GCC. In case of work terminated/ short closed under clause 2.7.4 of GCC, compensation may be considered only if BHEL receives compensation from customer.	Variation in Final Executed Contract Value The quantities given in the contract are tentative and may change to any extent (both in plus side and minus side). No compensation becomes payable in case the variation of the final executed contract value is within the limits of Minus (-) 30% of awarded contract value. Also, no compensation becomes payable in case the contract gets partially executed/short closed/ terminated/ work withdrawn under Rights of BHEL mentioned in Clause 2.7 of GCC. In case of work terminated/ short closed under clause 2.7.4 of GCC, compensation may be considered only if BHEL receives compensation from customer.

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	BOQ item no. A101	Earth work in excavation in all types of soil including ash which can be excavated by any means including setting out, levelling, removing of surface water accumulated due to rain but excluding dewatering to lower the	There is no item for excavation in soft rock and hard rock. We understand that only soil is available upto a depth of 10 meter from ground level. Please confirm.	Excavation in soft rock and hard rock is not envisaged. In case, it is observed during excavation then clause 2.15.7 of GCC (Extra Works for Civil Packages) shall be operated.

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		ground water table, dressing the sides & bottom, all lifts, ramming/ compacting the excavated bottom, stacking, disposal of surplus excavated materials within a lead upto 1Km, spreading/levelling of disposed materials etc all complete for following depths below ground level.		
2	BOQ item no. A102	Extra over ST No. A101 for dewatering of ground water by sump pump method as per IS 9759. Ground water table shall be lowered up to 1 m below the founding level to make the site workable for foundation construction till backfilling up to ground level. Mode of measurement shall be the quantity of excavation of soil including ash below ground water table to founding level of the footing.	The bore log data provided in tender document indicate that the water table is approximately 9 to 12 meters below the ground level. The entire quantity of earth work in excavation as per item no. A101 upto a depth of 8 meter. In this condition the water should not be encountered in excavation work. However, a quantity of 87500 M ³ has been given in item no. A102 which is contradicting with bore log data. Please clarify.	Ground water table mentioned in the bore logs is as per actual site condition during investigation. Water table can vary due to seasonal variation and in case water table is higher, item no A102 will be required.
3	BOQ item no. A207	Providing and laying Design Mix cement concrete confirming to IS:456 & IS 10262-2009 for reinforced concrete works of grade mentioned below in machine foundations for TG, Gas Turbine, ID/FD/PA fans, BFP, Mills, Crusher House, CHP-AHP civil works, FGD, etc. at all elevations below/above finished ground floor level (FGFL) (except top decks	The item description says that " TG foundation column, BFP column foundation" is also in the scope of this item whereas in response to our query in Prebid meeting it was confirmed by you that TG column above TG raft is not included in the scope of this package. Please clarify	Refer Clause 2.1.3 of TCC which states that "Piling and Pile Cap (Raft) for TG Foundation, Fan Foundations, Mill Foundations & Chimney Foundation are covered under the scope of work of this tender". Hence, TG Column above TG Raft is not included in the scope of work.

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		supported over vibration isolation system, BFP deck and TG deck) but including TG foundation Columns, BFP foundation Columns with addition of suitable plasticizer conforming to IS 9103(latest) or ASTM C494 to achieve a slump in the range of 100 mm -150 mm in concrete as per manufacturer's recommendation with 20 mm nominal size graded aggregate in concrete all complete as per specification & drawing all complete.		
4	BOQ item no. A2501	Mobilisation of hydraulic rotary piling rigs and accessories capable of pile boring/drilling in all types of strata/ash etc., installing various size of bored cast in situ RCC piles to project site and demobilisation of the same after completion of piling works etc all complete. Payment Break-up: (a) mobilisation and commissioning of rig- 60% & (b) demobilisation - 40%)	In case additional hydraulic rigs are deployed to expedite the work. Please clarify whether mobilization and demobilization for such additional rates shall be paid.	Refer Clause 4.2 of TCC wherein it is mentioned that "Contractor shall augment the Piling Rigs and other necessary T&Ps so as to execute the piling job at the average rate of 50-55 Piles per day and completion of piling works within a period of 07 months (considering 26 working days in a month)" It is envisaged that the above milestone shall be achieved with 16 Nos. of Piling Rig. However, during execution, the desired progress is not achieved with no fault of contractor and additional piling rig is required then the same shall be paid as per Item No. A2501.

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5	BOQ item no. A2504	Installation of Bored cast-in-situ RCC vertical pile in soil (excluding rock socketing which shall be paid separately as per ST. No. 2510) as per IS 2911 (Part 1 Sec 2) with diameter and length as specified (length to be measured from pile cut-off level) using cement concrete grade M30 conforming to IS:456 with 20 mm nominal size stone aggregates with a minimum cement content of 400Kg per cum of concrete including providing all materials (but excluding reinforcement steel for which measurement/payment shall be made separately), boring/drilling in all types of soil, providing bentonite slurry/polymer and/or temporary casing for stabilization of pile bore, flushing of pile bore, cleaning, providing plasticizer wherever required, breaking pile head to cut off level and exposing pile reinforcement for embedment in pile cap etc. including empty boring from ground level to pile cut off level etc all complete as per specification, drawing and as directed by the engineer-in-charge for the following.	As the item will be measured below cut off level and it also involves empty boring, a clarity on the cut off level of pile from ground level needs to be there for correct assessment of rates and the same has not been given in the tender. We request to provide the cut off level and the existing ground level for us to assess the same.	Refer Topographical survey drawing (Annexure-III) for existing ground levels and grading plan drawing for FGL of various areas. Pile cut off level will generally vary from structure to structure. Structure wise tentative pile cut off level from FGL is as below: Power House area - 4 m to 7 m TG area - 6 to 8m ESP area - 2 to 4 m Boiler area - 4 to 6m Chimney area - 6 to 8 m FGD area - 2 to 4 m. However, actual pile cut off levels can vary and shall be as per construction drawings which will be provided to successful bidder during execution of work progressively.

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6	GCC Clause no. 2.13.1 Interest free mobilization advance	<p>INTEREST FREE MOBILIZATION ADVANCE: Competent Authority of BHEL may approve proposals for payment of Interest Free Secured Mobilization Advance (limited to a maximum of 5% of the Contract Value) only in Installation Works in Power Plants under exceptional circumstances.</p> <p>----- In any case, Interest Free Advance shall be fully recovered by the time the contract reaches 50% of the original contract period either from Running Bills or by the Contractor directly depositing the amount. If the Contractor fails to deposit the total amount by the stipulated date, the recovery shall be made by encashing BGs/ Securities available with BHEL for the balance amount.</p>	<p>we understand that this clause is applicable for mobilization of equipments as secured recoverable advance as mentioned in clause no. 7.2 of TCC on page no.37 & 38.</p> <p>The recovery of interest free advance should be linked with executable contract value instead of original contract time. The entire recovery of such interest free advance shall be fully recovered by the time total executable work value reaches 75% of the executable contract value. please confirm.</p>	Tender specification shall prevail.
7		Secured advance on the security of materials (which are not combustible, fragile or perishable in nature) brought to the site but not yet incorporated in the works will be made up to 75% of Invoice value, or the 75% of the corresponding value of the materials determined on the basis of BOQ rates, whichever is less, subject to the condition that their quantities are not excessive and shall be used within a	We understand that secured advance against material such as stone aggregate, stone crushed sand, natural sand etc. which are not combustible, fragile or perishable in nature shall be considered for payment under this clause. Please confirm.	Secured Advance shall be applicable for Construction Materials like sand, aggregate etc. as per clause 2.13.3 of GCC with the approval of Construction Manager/ Project Director of BHEL.

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		period of 90 days and subject to the stipulations, as mentioned below:		
8	TCC Clause no. 2.3	BHEL at its discretion may include other area works limited to 15% of awarded contract value, which are not mentioned in above scope of works. Contractor shall execute such works as desired and as directed by BHEL Engineer. The item rates & contract conditions shall remain unchanged for such works.	The rate quoted in a particular package may not be workable for another packages/Area. The item may be requested for deletion of this clause.	Tender specification shall prevail.
9	TCC Clause no. 2.5.15	Medical/First aid centre/medicine purchased for emergency purpose, Doctor along with ambulance services with fuel and operator (round the clock) shall be arranged by BHEL for handling medical emergencies. Cost against these facilities shall be distributed/ shared among the contractors working in Project site proportionately based on contract value. However, till the time BHEL is arranging first aid arrangements & ambulance as said above, the contractor to suitably arrange for necessary emergency/first aid facilities for their personnel.	We request to kindly indicate the total monthly amount to be incurred on making these services operational and maintaining the same. Also, please provide the method for sharing the amount among contractor.	BHEL will arrange these services at site/Regional HQ consists of two components viz. fixed cost (for doctors, nurse, ambulance services, medical equipment/ first aid instruments/devices, consumables, etc.) and variable cost for medicines, etc. Cost against these facilities shall be distributed/ shared among the contractors as per following methodology. Shared Amount for each contractor = "Fixed cost incurred by BHEL on monthly basis" (multiplied by) "Executed contract value of the contractor" (divided by) "Sum of

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				executed contract value of all contractors working for BHEL" (plus) "variable cost for medicines at actual as per consumption of the contractor.
10	TCC Clause no. 3.12	Electricity for construction purposes Free of cost at one point near the site (within 06 months from award of work). Further distribution and Metering are in scope of bidder. During initial 06 months contractor has to make his own arrangement for construction power	The scope of construction covered under this contract are spread over large area and it needs a huge cost in distribution of power supply from single point. It is also a time taking activity. It is requested that at least 3 to 4 power points should be provided from where the contractor can make the distribution of power supply to their different working locations. As the schedule of piling work which may be almost 30 to 40 percent of the total project cost and time specified in the contract for completion of piling work is 7 months. In contract provision it has been mentioned that BHEL shall provide power supply free of cost within 6 months from the award of contract. In this case contractor has to make his own arrangement for supply of power may be from 1st month to 6 months. it is not predictable for how many months he should bear the cost in providing and running the power supply. In this case we request BHEL to	<p>BHEL will establish construction power network around the project premises. The construction power at more than one point shall be provided based on availability from nearby sources with the approval of Construction Manager/Project Director of BHEL.</p> <p>BHEL shall provide construction power free of cost from 7th month onwards from the date of start of work.</p>

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			make a fix amount which can be considered for expenses towards providing and maintaining the power supply. so that all contractors can consider this amount and make their bid at par.	
11	TCC Clause no. 3.13	Water Supply Free of cost at one point near the site (within 06 months from award of work). Further distribution and Metering are in scope of bidder. During initial 06 months contractor has to make his own arrangement for construction water.	The scope of construction covered under this contract are spread over large area and it needs a huge cost in distribution of water supply from single point. It is also a time taking activity. It is requested that at least 3 to 4 water connections should be provided from where the contractor can make the water distribution network to their different working locations. As you are well aware that a huge quantum of water is required for piling work. The schedule of piling work is for 7 months. Piling work which may be almost 30 to 40 percent of the total project cost and time specified in the contract for completion of piling work is 7 months. In contract provision it has been mentioned that BHEL shall provide water supply free of cost within 6 months from the award of contract. In case of contractor has to make his own	Clause 3.13.3 of TCC shall be amended as below: "Construction water will be provided free of cost at one point within the plant boundary from 7th months onwards from the date of start of work. Contractor has to make arrangement of further distribution of water at his own cost. However, contractor shall make alternate arrangement of construction water till the same is made available by BHEL."

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			arrangement for supply of water from start of work to may be upto 6 months. It is not predictable for how many months he should bear the cost in providing and running the water supply. In this case we request BHEL to make a fix amount which can be considered for expenses towards providing and maintaining the water supply. so that all contractors can consider this amount and make their bid at par.	
12	Technical Specification Sec-VI Part-B: Clause no. 7.03.00	The pile shall be socketed 5d (minimum) into rock. Where d is the diameter of pile.	The provision of socketing in rock provided in the technical requirement is 5 times of dia of pile whereas you have confirmed in the Prebid meeting that the length of socketing in rock shall be 3 times of dia of pile. Please clarify.	Clause 7.03.00 of Technical Specification Section-D part-I shall be applicable which is reproduced hereunder: "The pile shall be socketed 5d (minimum) into rock. Where d is the diameter of pile".
13		Allowable safe load on plies	Please provide permissible safe load capacity for vertical load, lateral and pull load for pile of 600 mm and 760 mm dia.	Refer Clause No. 7.03.00 of Technical Specification of Section-C
14		M.S permanent liner	We understand that M.S permanent liner shall not be required for pile installation. Please confirm.	Bidder understanding is correct.

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15		Handing over of levelled and graded area query	The tendering process for levelling and grading packages has been completed. We understand that levelled substantial area for the piling work shall be handed over to contractor by the time this package is awarded. Please confirm and also provide the finished plant level /graded level from which level pile boring will start.	Levelling and Grading works are excluded from the tendered scope of work. Drawings of Site Levelling Plan (Annexure-II), Survey/ Contour Plan (Annexure-III) and Plot Plan (Annexure-I) is enclosed for your reference.
16	TCC clause no. 3.10.3	Land for labour colony shall be arranged by Contractor at their own cost as per availability outside project area within 5Km, Necessary levelling/dressing of land shall be done by the contractor. All arrangement for electricity and drinking/service water to be arranged by the contractor within his quoted price.	As per annexure A standard guideline for workers accommodation/ establishment at BHEL project site as per clause A of 1 says "BHEL may provide land on sharing basis for worker establishment in case Owner provides the same to BHEL". Please confirm whether land for labour colony shall be provided by BHEL.	Land for labour colony shall be arranged by Contractor at their own cost (Refer clause 3.10.3 of TCC) and bidder to quote accordingly. However, in case Customer/BHEL provides land for construction/development of labour colony then suitable deduction/recovery (rate shall be decided as per prevailing market rate) shall be made by BHEL.
17		Bentonite muck disposal	Please provide the location for bentonite muck disposal with lead.	Bidder shall visit project site and acquire full knowledge and information about the same before quoting, in line with clause 1.1 of TCC
18		Entry and Exit Gate	Please confirm whether a separate entry and exit gate shall be separated from main plant gate.	Bidder shall visit project site and acquire full knowledge and information about the same before quoting, in line with clause 1.1 of TCC

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19	HEALTH, SAFETY AND ENVIRONMENT PLAN Clause no. 5.2.3 (B) 2. page 16 of 209	Amount withheld from one package against Safety/ HSE in line with procedures & modalities mentioned in this plan will never be less than the amount withheld by customer/ 2X660 MW SUPER CRITICAL TPP, HTPS, KORBA WEST OF CSPGCL against Safety/ HSE from BHEL in that package.	As the package of BHEL is much larger than this work package which includes civil, structural and heavy equipments which cost is much higher than this tender. Amount withheld against safety/HSE should be restricted to 1.5% of value awarded to bidder of this tender only and not to the amount withheld by the BHEL customer. kindly clarify.	Refer Revised HSE Plan for 2x660 MW SUPER CRITICAL TPP, HTPS, KORBA WEST of CSPGCL (Annexure-IV)
20	BOQ Item No. A2504a & A2504b	Installation of Bored cast-in-situ RCC vertical pile in soil (excluding rock socketing which shall be paid separately as per ST. No. 2510) as per IS 2911 (Part 1 Sec 2) with diameter and length as specified (length to be measured from pile cut-off level) using cement concrete grade M30 conforming to IS:456 with 20 mm nominal size stone aggregates with a minimum cement content of 400Kg per cum of concrete including providing all materials (but excluding reinforcement steel for which measurement/payment shall be made separately), boring/drilling in all types of soil, providing bentonite slurry/polymer and/or temporary casing for stabilization of pile bore, flushing of pile bore, cleaning,	Kindly specify the cut off length from existing Ground level for 600 mm & 760 mm diameter piles to be considered under this item. We request you to kindly provide the drawings for 600 mm & 750 mm dia piles giving details cut off level from GL, etc.	Refer Topographical survey drawing for existing ground levels and grading plan drawing for FGL of various areas. Pile cut off level will generally vary from structure to structure. Structure wise tentative pile cut off level from FGL is as below: Power House area - 4 m to 7 m TG area - 6 to 8m ESP area - 2 to 4 m Boiler area - 4 to 6m Chimney area - 6 to 8 m FGD area - 2 to 4 m. However, actual pile cut off levels can vary and shall be as per construction drawings which will be provided to successful bidder

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		providing plasticizer wherever required, breaking pile head to cut off level and exposing pile reinforcement for embedment in pile cap etc. including empty boring from ground level to pile cut off level etc all complete as per specification, drawing and as directed by the engineer-in-charge for the following.		during execution of work progressively.
21	BOQ Item No. A2511 & A2512	Safe load capacity in MT required for Pile testing	As per cl. 7.03.00 - The Safe load capacity shall be as follows: 600 mm dia piles: Vertical Compression cap - 140 T; Uplift cap - 80 T; Lateral cap - 13 T 700 mm dia piles: Vertical Compression cap - 240 T; Uplift cap - 130 T; Lateral cap - 16 T Kindly confirm the above. We also request you to kindly provide the drawings for 600 mm & 750 mm dia piles giving details of Safe Load for various pile testing, cut off level, etc.	Tender technical specification prevails. However, construction drawings will be provided to successful bidder during execution of work progressively.
22	BOQ Item No. 112	Extra over item no. A101 for shoring and strutting in trenches including packing cavities (wherever required as instructed by engineer) all complete as per specification and as directed by engineer in charge. B. Depth exceeding 2 m but not exceeding 4 m	As per BOQ item A101, the excavation depth is specified up to 10 meters. However, BOQ item 112 includes shoring and strutting provisions only for excavation depths up to 4 meters. Kindly clarify the maximum depth of excavation., If more than 4m, then shoring and strutting are required for	Generally, suitable slope during excavation shall be provided without shoring and strutting. However, shoring and strutting may be required in case of space restrictions and as directed by Engineer-in Charge. Bidder may plan and quote suitably. No

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			the maximum excavation depth of 10 meters. Hence provide additional item towards the same.	separate payment shall be made for shoring and strutting beyond 4 m depth.
23	BOQ Item No. 200, 201, 203 and 205	Providing and placing concrete work including cost of labour, materials (unless otherwise specified in BOQ/contract specification) and equipment for handling, transportation, batching, mixing, placing, vibrating and curing (excluding cost of centering, shuttering and reinforcement) with mechanised equipments like batching plant, transit mixer, concrete pump etc. complete as per drawing, specifications and as per direction of engineer in charge for the following. Note: Cement shall be issued by BHEL free of cost.	As per BOQ item A101, the maximum excavation quantity is mentioned upto 6 meters. However, BOQ items 201, 203 and 205 indicate that concrete placement levels reach 10 meters below FGFL. Could you please clarify., Please provide maximum pile cap depth and also levels., EGL / COL / Bottom of pile cap	Refer BOQ item no A101 wherein excavation quantities are considered upto 10 m depth. Refer Topographical survey drawing (Annexure-III) for existing ground levels and grading plan drawing for FGL of various areas. Pile cut off level will generally vary from structure to structure. Structure wise tentative pile cut off level from FGL is as below: Power House area - 4 m to 7 m TG area - 6 to 8m ESP area - 2 to 4 m Boiler area - 4 to 6m Chimney area - 6 to 8 m FGD area - 2 to 4 m. However, actual pile cut off levels can vary and shall be as per construction drawings which will be provided to successful bidder during execution of work progressively.

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24	BOQ- A207 and A302	Fair face form work with good quality water proof Plywood with film face of minimum 12mm thickness and smooth surface above finished ground floor level for columns, beams, suspended/intermediate floors, roofs, lintels, cantilevers, staircases, landings, balconies, etc. including chamfering of edges as per drawing. For all heights as per specification, drawing and instruction of engineer in charge. For Height Upto 20m from FGL	We understand that fair face formwork is applicable for the foundation above the FGFL. However, BOQ item A302 mentions fair face formwork above FGL up to a height of 20 meters. Kindly confirm the height of foundation above FGL.	Construction drawings will be provided to successful bidder during execution of work progressively.
25	BOQ, Item 2500	600mm dia of 20m length, 760mm dia of 20.5m length	Kindly provide the safe pile capacities for the proposed pile diameter and length.	Refer Clause No. 7.03.00 of Technical Specification of Section-C.
26	BOQ, Item A2504	760 mm dia of 20.5m length	We kindly request you to consider using a 750mm diameter pile instead of the specified 760mm diameter, as 750mm is a more commonly used standard in India. Please confirm.	760 mm dia pile is to be provided.
27	BOQ, Item A2504 & A2510	600mm dia of 20m length, 760mm dia of 20.5m length (Installation of BCIS piles in soil and rock stratum)	1. If the hard rock reaches before 5D socketing into weathered rock (i.e. 2D or 3D), whether 5D socketing is mandatory. Please confirm. 2. If rock stratum is encountered at shallow depth, whether pile can be terminated by socketing 5D depth into rock or it has to be installed up to mentioned pile length. Please confirm.	5D socketing inside rock is mandatory for all piles.

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28	General	Parallel Working	We presume that we can start installation of working pile immediately after installation of trial piles, without waiting for the initial pile load test results.	It shall be decided during actual execution of works at site.
29	TCC- Clause- 2.15.3, Preamble to BOQ	Carrying out topographic survey of the entire work area and establish levels and coordinates at suitable intervals from existing grid levels and coordinates furnished by the owner established bench marks, setting out the locations and levels of proposed structures, constructions and marking of reference pillars and other identification works etc. The contractor shall provide the owner/BHEL such assistance, instruments, machines, labour and materials as are normally required for examining, measuring and testing any work and the quality, weight or quantity of any material used	We understand that the topographic survey / reference bench mark structure wise shall be conducted by the BHEL/Client. The establishment of the pile points will be carried out by Bidder, based on bench marks provided by the BHEL/Client.	Bidder understanding is correct. However, bidder to carry out marking of reference pillars and other identification works etc. as per requirement.
30	TCC-Clause - 3.1.1. (a), (b)	Open space for office, Fabrication yard and storage	Please confirm that the location for the office space and storage is provided by the BHEL within the site premises.	Bidder shall visit project site and acquire full knowledge and information about the same before quoting, in line with clause 1.1 of TCC.

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31	TCC-26-015 - 3.2.1	Electricity for construction purposes Free of cost at one point near the site (within 06 months from award of work).	We request you to provide electricity within one month from the date of work award. It shall reduce carbon emissions from extended DG use.	BHEL will establish construction power network around the project premises. The construction power at more than one point shall be provided based on availability from nearby sources with the approval of Construction Manager/Project Director of BHEL. BHEL shall provide construction power free of cost from 7th month onwards from the date of start of work.
32	TCC-26-015 - 3.3.1	Water Supply Free of cost at one point near the site (within 06 months from award of work).	We request you to provide water within one month from the date of work award.	Clause 3.13.3 of TCC shall be amended as below: "Construction water will be provided free of cost at one point within the plant boundary from 7th months onwards from the date of start of work. Contractor has to make arrangement of further distribution of water at his own cost. However, contractor shall make alternate arrangement of construction water till the same is made available by BHEL."
33	TCC- Clause- 3.9	Land/Open Space	Please confirm that the land for the batching plant is provided by the BHEL within the site premises.	Land for the batching plant shall be provided by the BHEL within the site premises as per availability. For details kindly Refer clause 3.9.1 of TCC.

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34	TCC- Clause - 6.7.1	Intermediate milestones	We understand that the duration for the pile work is excluding mobilization	The duration mentioned here is the Schedule for completion from date of Start of work.
35	TCC- Clause - 9.1	Material to be issued by BHEL (Free of Cost) unless otherwise specified in BOQ cum Rate Schedule: a. Cement, b. Reinforcement Steel (TMT), c. Structural Steel for Embedment works and Anchor / Foundation Bolt.	We understand that cement, reinforcement steel, and structural steel are free-issue materials. Please confirm.	Cement, reinforcement steel and structural steel shall be issued by BHEL free of cost. For details kindly refer Clause 9.1 of TCC.
36	SCC - Clause 6.3.2	All materials issued by BHEL shall be stacked, stored above ground level by use of concrete or wooden sleepers. No materials shall remain on ground at any time. All concrete or wooden sleepers required for stacking the materials shall be arranged by contractor (successful bidder of this package) at his own cost within the quoted rates. All other equipments like winches, D-Shackles, slings of various sizes, max puller, pulley blocks, jacks, trucks, trailers etc. required for such handling of steel from BHEL stores/storage yard etc. shall be arranged by contractor within quoted/accepted rates.	Kindly confirm the approximate distance from the stockyard to the site location or provide FIM with in site premises	Bidder shall visit project site and acquire full knowledge and information about the same before quoting, in line with clause 1.1 of TCC.
37	SCC - Clause 6.3.4.4	The steel issued to the contractor shall be mainly in standard length and sections as received from the supplier. However, the contractor shall be bound to accept the steel in length as available	We Request for steel supply (length of bars) as per GFC to avoid excess wastages / recovery.	Tender specification shall prevail. Bidder to kindly refer clause 6.4.3 of SCC for definition of "Scrap and Serviceable Materials".

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		in the project stores and no claims for extra payment because of issue of non-standard length will be entertained.		
38	SCC - Clause 6.4.2	Return of Reinforcement Steel and Structural Steel including Scrap: All surplus steel and all wastage materials will be taken back on weightment basis. Surplus, unused and untampered steel shall be sorted section-wise and returned separately at a place directed by BHEL/Engineer within the project area. For return of such materials, contractor will not be entitled to any handling and incidental charges. All wastage / scrap (including melting scrap, wastage, and unusable scrap) shall be promptly returned to the stores and a receipt obtained for material accounting purposes. Scrap for reinforcement steel and structural steel shall be returned separately.	Unused / surplus material shall be returned to BHEL within 2 weeks from the physical completion and BHEL to facilitate with proper stacking yard with security to smoothen the site clearance.	Tender specification shall prevail.
39	SCC - Clause 7.2	Necessary drawings to carry out the construction/ erection work will be furnished to the contractor by BHEL on loan, which shall be returned to BHEL Engineer at site after completion of work. Contractor shall ensure safe	We understand that the drawings for piling and pile cap construction will be issued progressively without any delay as per the milestones indicated in the tender document	Drawing shall be released progressively in line with the achievement of the milestones.

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		storage and quick retrieval of these documents.		
40	SCC - Clause 7.4	The data furnished in various annexure enclosed with this tender specification are only approximate and for guidance. However, the change in the design and in the quantity may occur as is usual in any such large scale of work. The contractors quoted rates shall be inclusive of the above factor.	BHEL should warrant the data provided supporting the project. Any deviation to the tender inputs shall be dealt as variation and the commercial impact due to such revision should be compensated.	Tender specification shall prevail.
41	GCC- Clause- 2.6	2.6.10 Passing of bills covered by such measurements does not amount to acceptance of the completion of the work measured. Any left-out work has to be completed, if pointed out at a later date by BHEL. I/We hereby It is agreed that the authorized signatory of Contractor shall necessarily record his claims/ dispute in Form WAM 7 only and any claim(s)/ dispute in any other form/ letter shall not be taken cognizance of by BHEL and admissible before any forum. BHEL shall make the payment of undisputed amount within the stipulated time without any unreasonable delay.	Request BHEL for final bill remittance within 3 months from Bill submission	Tender specification shall prevail.

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		All the tools and tackles loaned to him should be returned in satisfactory condition to BHEL. The abstract of final quantities and financial values shall also be entered in the Measurement Books and signed by both parties to the contract. The Final Bill shall be prepared and paid within a reasonable time after completion of work.		
42	GCC – Clause- 2.7	BHEL reserves the following rights in respect of this contract during the original contract period or its extensions if any, as per the provisions of the contract, without entitling the contractor for any compensation.	Contractor is entitled for ORC and PVC compensation for any delay in execution of works for reasons beyond its control.	Tender specification shall prevail.
43	GCC – Clause- 2.7.6	While every endeavour will be made by BHEL to this end, yet BHEL cannot guarantee uninterrupted work due to conditions beyond its control. The Contractor will not be normally entitled for any compensation/extra payment on this account unless otherwise specified elsewhere in the contract.	Not acceptable. Contractor is entitled for compensation / extra payment on the account of any delay beyond its control.	Tender specification shall prevail.
44	GCC - Clause -2.7.7	BHEL may permit or direct contractor to demobilize and remobilize at a future date as intimated by BHEL in case of following situations for reasons other than Force majeure conditions and not attributable to contractor:	3 months waiting period is too long and the commercial impact couldn't be absorbed. Neither BHEL need to compensate with the idling claim (or) alternatively reduce this waiting period for 7 days instead of 3 months.	Tender specification shall prevail.

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		<p>suspension of work(s) at a Project either by BHEL or Customer, ii) where work comes to a complete halt or reaches a stage wherein worthwhile works cannot be executed and there is no possibility of commencement of work for a period of not less than three months.</p> <p>In such cases, charges towards demobilization and remobilization shall be as decided by BHEL after successful remobilization by contractor at site, and decision of BHEL shall be final and binding on the contractor. After remobilization, all conditions as per contract shall become applicable. In case Contractor does not remobilize with adequate resources or does not start the work within the period as intimated, then BHEL reserves the right to terminate the contract and effect remedies under Clause 2.7.2.2. In case of any conflict, BHEL decision in this regard shall be final and binding on the contractor.</p>		
45	GCC – Clause- 2.7.8	In the unforeseen event of inordinate delay in receipt of materials, drawings, fronts etc. due to which inordinate discontinuity of work is anticipated, BHEL on its own or contractor's request	<p>3 months waiting period is too long and the commercial impact couldn't be absorbed.</p> <p>Neither BHEL need to compensate with the idling claim (or) alternatively</p>	Tender specification shall prevail.

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		<p>at its discretion may consider to short close the contract in any of the following cases:</p> <p>a) The balance works (including but not limited to Trial Operation, PG Test etc.) are minor vis a vis the scope of work envisaged as per the contract.</p> <p>b) There has been no significant work in past 6months OR no significant work is expected in next 6 months (example in Hydro projects or in projects where work has stopped due to reasons beyond the control of BHEL).</p> <p>c) The balance works cannot be done within a reasonable period of time as they are dependent on unit shut down or on other facilities of customer or any other such reasons not attributable to the contractor.</p> <p>At the point of requesting for short closure, contractor shall establish that he has completed all works possible of completion and he is not able to proceed with the balance works due to constraints beyond his control. In such a case, the estimated value of the unexecuted portion of work (or estimated value of services to be provided for carrying out milestone/stage payments like Trial</p>	<p>reduce this waiting period for 7 days instead of 3 months.</p> <p>Request BHEL to facilitate with sufficient drawings and work fronts for timely completion of woks within the scheduled completion period.</p> <p>And cap on quantity variation should be agreed. Variation in contract price due to quantity shall be limited to +/- 25% of the original contract value. Contractor shall be entitled for compensation due to short closing of contract for reasons beyond its control.</p>	

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		Operation/PG Test etc.) as decided by BHEL, shall however be reduced from the final contract value.		
46	GCC - Clause -2.8.1	As far as possible, Unskilled Workers shall be engaged from the local areas in which the work is being executed. 2.8.2 The contractor at all times during the continuance of this contract shall, in all his dealings with local labour for the time being employed on or in connection with the work, have due regard to all local festivals and religious and other customs.	Request BHEL for the following: Local resources shall be utilized at our convenience meeting the project requirement at our sole discretion.	Tender specification shall prevail.
47	GCC – Clause- 2.8.19	Also, no idle charges will be admissible in the event of any stoppage caused in the work resulting in contractor's labour and Tools & Plants being rendered idle due to any reason at any time.	Request for idling claim for reasons not attributable to the Contractor.	Tender specification shall prevail.
48	GCC - Clause - 2.8.21	The contractor shall not stop the work or abandon the site for whatsoever reason of dispute, excepting force majeure conditions. All such problems/disputes shall be separately discussed and settled without affecting the progress of work. Such stoppage or abandonment shall be treated as breach of contract and dealt with accordingly.	Request BHEL for timely remittance as per the contract. Any delay in remittance, thereon the Contractor shall reserve its right for suspension / slow down the progress until clearance of dues. In such case of suspension Contractor shall be entitled for EOT with claim.	Tender specification shall prevail.

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49	GCC – Clause- 2.14.2	Variation in Individual Quantities of BOQ Item(s) The quantities given in the contract are tentative and may change to any extent (both in plus side and minus side). No compensation becomes payable in case the variation of the quantity of individual BOQ item(s) is within the limits of Plus (+) 100% of the quantity in the original price schedule in this regard.	Variation in contract price due to quantity shall be limited to +/-25% of the contract price.	Tender specification shall prevail.
50	GCC – Clause- 2.17.1	In order to take care of variation in cost of execution of work on either side, due to variation in the index of LABOUR, HIGH SPEED DIESEL OIL, WELDING ROD, CEMENT, STEEL, MATERIALS, Price Variation Formula as described herein shall be applicable. 2.17.2 85% component of Contract Value shall be considered for PVC calculations and remaining 15% shall be treated as fixed component. The basis for calculation of price variation in each category, their component, Base Index, shall be as under: The total amount of PVC shall not exceed 15% of the cumulatively executed contract value. Executed contract value for this purpose is exclusive of PVC, ORC, Supplementary/Additional Items and	ORC claim is silent, request to add ORC for extended period. Also, request to remove the maximum cap in claim.	Tender specification shall prevail.

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		Extra works except items due to quantity variation.		
51	GCC - Clause -2.20.6	BHEL at its discretion may consider short closure of contract after 1 year of imposition of Force Majeure in line with extant guidelines. In any case, Supplier/Vendor cannot consider deemed short-closure after 1 year of imposition of Force Majeure.	Request to limit to 45 days	Tender specification shall prevail.
52	GCC - Clause -2.22.1	Retention Amount shall be 5% of contract value and shall be furnished before the first RA Bill becomes due for payment. In case of increase in contract value, additional 5% of differential amount shall be submitted by Contractor before payment of next RA Bill due. The Retention amount of 5% of the contract value may be accepted in the following forms: - i Cash (as permissible under the extant Income Tax Act). ii Local cheques of Scheduled Banks (subject to realization)/ Pay Order/ Demand Draft/ Electronic Fund Transfer in favour of BHEL. iii Securities available from Indian Post offices such as National Savings Certificates, Kisan Vikas Patras etc. (held	Upfront Retention Bank Guarantee shall be submitted in advance. However, the Retention Bank Guarantee shall remain valid till physical completion of works plus 1 month claim period.	Tender specification shall prevail.

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		<p>in the name of Contractor furnishing the security and duly endorsed/ hypothecated / pledged, as applicable, in favour of BHEL).</p> <p>iv Bank Guarantee from Scheduled Banks/ Public Financial Institutions as defined in the Companies Act and in line with clause 1.12 of GCC. The Bank Guarantee format for Retention Amount shall be in the prescribed formats. The validity of BG shall be initially for the contract period & shall be extended up to acceptance of final bill if the final bill is not settled during the contract period.</p> <p>v Fixed Deposit Receipt issued by Scheduled Banks/ Public Financial Institutions as defined in the Companies Act (FDR should be in the name of the Contractor, a/c BHEL).</p>		
53	GCC - Clause -2.23.1	<p>Running Account Bills (RA Bills)</p> <p>i) These are for interim payments when the contracts are in progress. The bills for such interim payments are to be prepared by Contractor in prescribed formats (RA Bill forms).</p> <p>ii) Payments shall be made according to the extent of work done as per measurements taken up to the end of the calendar month and in line with the</p>	We understand that the power and water will be free issue by BHEL. Please confirm	Tender specification shall prevail.

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		terms of payments described in the Tender documents. iii) Recoveries on account of electricity, water, statutory deductions etc. are made as per terms of contract.		
54	Technical specification for installation of BCIS piles, Volume 2b, section D, sub section-D21, Clause 2.07.00	In case of initial or routine load test piles, if the Contractor fails to establish the safe load capacity as per his design, the Owner has the right to either derate the pile capacity on prorata basis or insist the Contractor to modify the pile design, to achieve the desired safe load capacity at no extra cost to the Owner.	Being a built only project, bidder understood that M/s. BHEL will issue GFC drawings to the contractor. The contractor is responsible only for installation of BCIS piles as per approved Method statement & Field Quality Plan based on GFC drawings provided by BHEL.	Yes. It is confirmed.
55	Technical conditions of contract, clause 2.5.8	Drawings showing enough details for the construction as per the specification shall be furnished to the contractor in a phased manner as far as possible.	Therefore, in the event that the required safe capacities are not achieved during the initial or routine pile load tests, guidance and further instructions shall be sought from the concerned designer. Please confirm.	
56	Technical specification for installation of BCIS piles, Volume 2b, section D, sub section-D21, Clause 4.02.00	For determining the founding level of piles in soil as specified elsewhere, the Contractor shall have to perform Standard penetration test (SPT) as per IS:2131 in a separate bore hole. The SPT shall be conducted at 1.0 m interval between the depths covering 5 metres each above and below the specified founding level. For determining founding level of piles in rock, as specified elsewhere socketing	Kindly provide clarity on how to identify the terminating stratum i.e., in case of soil, please specify the target SPT N value and in case of rock, please specify the criteria to identify the rock top level.	5D socketing inside rock is mandatory for all piles.

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		horizon shall be established by the Contractor by collecting rock cores of NX size in a separate borehole, and testing the same for uniaxial compressive strength (UCS).		
57	Section C Part 2 & Part 3	Borehole log sheets and laboratory test results are provided	Kindly share the detailed soil investigation report including borehole location layout superimposed on proposed structures.	Refer Tender technical specification for bore log details and other test results.
58	General	Pile	Kindly share the pile reinforcement drawings.	Construction drawings will be provided to successful bidder during execution of work progressively.
59	BOQ- 600,700	Pile layout	Kindly share the pile location layout for the proposed structures along with test pile layout, also provide drawings related to BOQ items 600 and 700.	Construction drawings will be provided to successful bidder during execution of work progressively.
60	General	Prequalification criteria - Technical Civil work - 54,160 cum (12months / 2 projects) and 36,100 cum (12months/ 1 project)	We request that the civil work quantity for PQ shall be reduced to 25,000 cum (2projects) without any time period since the pile cap under this project will also be executed in 20months (more than 12 months) similar to a few other projects of similar nature.	Tender specification shall prevail.
61	General	Pneumatic hydraulic rigs for piling	We presume that hydraulic rotary drilling rigs shall be deployed for installation of bored cast in situ piles	Refer clause 4.2 of TCC

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Sl. No.	Reference clause of Tender Document	Existing Clause	Bidder's Query	BHEL's Response
62	BOQ-A2504	Empty boring	Empty boring is included under BOQ Item No. A2504. Please confirm the depth of the cut-off level (COL) from the existing ground level (EGL)	Refer Topographical survey drawing (Annexure-III) for existing ground levels and grading plan drawing for FGL of various areas. Pile cut off level will generally vary from structure to structure. Structure wise tentative pile cut off level from FGL is as below: Power House area - 4 m to 7 m TG area - 6 to 8m ESP area - 2 to 4 m Boiler area - 4 to 6m Chimney area - 6 to 8 m FGD area - 2 to 4 m. However, actual pile cut off levels can vary and shall be as per construction drawings which will be provided to successful bidder during execution of work progressively. Tender specification shall prevail.
63	TCC-Chapter-IV 4.0: Tools and Plants:	Pneumatic hydraulic rotary piling rigs with all accessories - 16 numbers	Piling rigs will be deployed according to the work front GFC drawings and project milestones - irrespective of minimum number indicated.	
64	BOQ-A2511	Conducting initial load test upto a maximum test load of 3 times the safe load capacity on single pile as specified in accordance with IS 2911 Part-4 including preparation of pile head for testing, necessary excavation, all arrangements of loading, unloading, test equipments/ accessories, jacks, recording of results, labour, submission	We presume that the adjacent piles will be used as reaction piles for conducting lateral and uplift load test. Please confirm	Adjacent piles cannot be used as reaction pile for conducting lateral and uplift load test for initial load testing.

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		of test report but excluding the cost of installation of pile (installation of pile shall be paid separately) etc. all complete as per specification, drawing and as directed by engineer in - charge for the following:		
65	BOQ-704 e, f	Mechanical / Chemical Expansion fasteners (galvanised) of HILTI make or equivalent of safe tensile capacity as specified below for concrete work with anchoring rod, nuts, washers, chemicals all complete etc.,	We understand that HILTI products may be required in the pile cap area. Kindly provide the drawings for the same.	Tender specification shall prevail.
66	BOQ- Rate	RATES = TOTAL QUOTED PRICE * WEIGHTAGE / (QUANTITY * 100)	The formula given under rates may please be reviewed and clarified (*100) should be deleted	Revised as: RATES = TOTAL QUOTED PRICE * WEIGHTAGE / (QUANTITY)
67	BOQ- 216	Chipping of concrete in reinforced concrete work, cutting pockets, making openings at all levels and according to shapes, disposal of waste materials upto a lead of 2 km as directed by engineer including equipment, safety precautions, making good the broken surface etc. all complete as per specification, drawing, instructions of engineer in charge but excluding cutting of reinforcement.	Please provide the size of the pockets / hole and its depth	It shall be communicated during actual execution of works at site.

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Sl. No.	Reference clause of Tender Document	Existing Clause	Bidder's Query	BHEL's Response
68	BOQ- 217	Extra over and above ST No 216 for cutting of reinforcement, all sizes and types including labour, equipment, return of cut reinforcement to store etc. all complete as per specification, drawings and instructions of engineer in charge. Measurement shall be on the cross-sectional area of reinforcement cut.	Please clarify whether the mode of measurement for reinforcement cutting (specified in sqcm) is based on the total cross-sectional area at each cut (i.e., area of bar w.r.t length of bar), or based on the total length of reinforcement cut. Kindly confirm the exact method to be followed for measurement and billing purposes.	It shall be communicated during actual execution of works at site.
69	BOQ- 704, (f)	Chemical Expansion fasteners (galvanised) of HILTI make or equivalent of safe tensile capacity as specified below for concrete work with anchoring rod, nuts, washers, chemicals all complete etc.,	Could you please confirm the fastener length and its embedment (insert) depth?	Tender specification shall prevail.
70	BOQ -109 (a), (b)	carriage of material/earth	As per the item-A101, total excavation quantity is 3,86,738 and total backfill quantity is 1,36,573 as per item nos A107 and A108. However as per Item 109 a, b the total quantity is more than 25,00,00,000 cum Please clarify the qty for the carriage of material/ earth qty under this item.	Item Description is reproduced hereunder: "Extra over ST No. A101, A107 and A108 for carriage of material/earth for every 500m or part thereof beyond an initial lead of 1km" Hence, quantity is calculated after considering lead of disposal.

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Sl. No.	Reference clause of Tender Document	Existing Clause	Bidder's Query	BHEL's Response
71	General	Scope of Works	Bidder request Employer to provide below mentioned details 1. Pile Layout drawing for different structures. 2. Pile cross section of working piles of different structures indicating the pile cut off level and working level. 3. Reinforcement Detail drawings 4. Pile cap and pedestal details to understand the excavation depth. 5. RC Num. drawing for the initial test pile with design load details for plan for the load test arrangement scheme. 6. Existing Ground Level to COL depth which need to be considered in costing	Construction drawings will be provided to successful bidder during execution of work progressively.
72	General	Land Acquisition Status	Bidder understand that the Land acquisition has been completed and 100% hindrance-free work front shall be provided from the date of LOA.	The proposed land has acquired by customer.
73	Topographical survey		Bidder request Employer to share Topographical survey data to understand the natural ground level	Topographical survey drawings (Annexure-III) are attached for reference purpose.
74	Load capacity for 600mm, 760mm dia piles		Bidder request Employer to provide the vertical/pull out and lateral capacity required for 600mm and 760mm dia piles	Refer Clause No. 7.03.00 of Technical Specification of Section-C.

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Sl. No.	Reference clause of Tender Document	Existing Clause	Bidder's Query	BHEL's Response
75	Clause 6.2 of TCC Schedule of Completion		Bidder understand that 100% of GFC drawings for Piling shall be provided within 30 days from the date of award of work.	Drawing shall be issued progressively during execution.
76	Clause 7.01.00 of Soil Data and Seismic Design Criteria	In case bidder feels that available data is inadequate, he can carry out his own Geotechnical investigation. Further, if there is any change in layout or any area not covered in the provided geotechnical data, the bidder has to carry out the geotechnical investigation in the area at no cost to the owner	Bidder understand the mentioned clause is not applicable for current scope of works since current tender is an Item rate tender.	Bidder understanding is correct.
77	Clause 7.01.01 of Soil Data and Seismic Design Criteria	The Soil profile may vary with respect to the bore logs enclosed for bidder's information. The bidder has to consider all such variations in his estimation, over the extent of the work to be carried out. The bidder should not that nothing extra whatsoever on account of variation between soil data collected by owner and that found by bidder during execution shall be payable	Bidder understand the mentioned clause is not applicable for current scope of works since current tender is an Item rate tender.	Bidder understanding is correct.
78	BOQ Item A2511— Initial Pile Load Test	The initial load test shall be conducted for 3 times safe load capacity as per IS 2911 Part 4.	As per IS 2911 Part-4, the initial load test shall be conducted for 2.5 time the safe load capacity not 3 time. Bidder request employer to confirm whether the load test shall be conducted for 3 times or 2.5 times the safe load capacity.	Tender specification shall prevail.

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Sl. No.	Reference clause of Tender Document	Existing Clause	Bidder's Query	BHEL's Response
79	Clause 7.03.00 of Soil data and Seismic Design Criteria	Pile foundations —The pile shall be socketed in rock by minimum 5 times the pile diameter	Bidder request employer to clarify how the rock is classified or in what type of rock the pile needs to be terminated.	Tender technical specification prevails. Refer bore log & lab test results for further details.
80	BOQ Item No A2504 & A2513	Installation of Bored cast-in-situ RCC vertical pile in soil.....	Bidder request Employer to kindly consider Pile Head Chipping in BOQ Line Item A2513 i.e., for Pile Integrity Test and not link payment of Working piles with Pile head Chipping as Pile head chipping is a separate activity linked with Pile Integrity Test. Employer to confirm?	Following payment Break-up shall be applicable for BOQ Item No. A2504: Payment Break-up: a) Installation of Bored cast-in-situ RCC vertical pile as per item description - 90%; b) Breaking of pile head to cut off level and exposing pile reinforcement for embedment in pile cap - 10%.
81	BOQ Item No A220	Providing and Laying Plum Concrete with Graded metal of maximum size of 40mm and 25% plums of maximum size s150mm	Bidder understand that Cement for the item No A220 shall be provided by BHEL on free of cost basis. Employer to confirm?	Bidder understanding is correct.
82	Clause 7.03.00 of Soil data and Seismic Design Criteria	Cut off level — 2m/3m/4m/7m from NGL	Based on the details shared in the document, bidder understand that difference structure has different cut off level. Bidder request Employer to kindly share structure wise pile drawings, Pile COL, EGL and Pile quantity to properly ascertain the cost associated with Empty Boring	Construction drawings will be provided to successful bidder during execution of work progressively.

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83	Clause 7.06.00 of Soil data and Seismic design criteria	Sheeting and Shoring	Bidder request employer to share structure wise pile cap details to ascertain the requirement of sheeting and shoring based on the excavation depth required	Construction drawings will be provided to successful bidder during execution of work progressively.
84	General		Is use of polymer allowed for stabilization of Bore.	Please refer BOQ item. Bentonite and polymer both are allowed for stabilization of bore holes.
85	On Page 166/400 of Section-C Part-I, Page 12 of Appendix 1 to Amendment-03 in para 7.03.00		It is mentioned that air flushing technique to be used for pile flushing but if we polymer fluid air lift technique is not required. It is also mentioned that we have to go 5D in rock please confirm.	Continuous air flushing technique is mandatory for cleaning of pile bottom.
86	General		Please provide cut of level and ground of arrangement drawing for pile and pile caps.	Construction drawings will be provided to successful bidder during execution of work progressively.
87	General		In item No. A101 and A102 the maximum dept for excavation is 8 meters and item No. A102 the quantity of ground water excavation is mentioned 87500 m3 whereas is soil boring data water table is below 10 meters please clarify how much dept of excavation is to be done.	Ground water table mentioned in the bore logs is as per actual site condition during investigation. Water table can vary due to seasonal variation and in case water table is higher, item no A102 will be required.
88	General		Please specify the empty boring required i.e., From NGL to pile cut off level.	Refer Topographical survey drawing (Annexure-III) for existing ground levels and grading plan

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Sl. No.	Reference clause of Tender Document	Existing Clause	Bidder's Query	BHEL's Response
				<p>drawing for FGL of various areas. Pile cut off level will generally vary from structure to structure. Structure wise tentative pile cut off level from FGL is as below:</p> <p>Power House area - 4 m to 7 m TG area - 6 to 8m ESP area - 2 to 4 m Boiler area - 4 to 6m Chimney area - 6 to 8 m FGD area - 2 to 4 m.</p> <p>However, actual pile cut off levels can vary and shall be as per construction drawings which will be provided to successful bidder during execution of work progressively.</p>
89	General		In major highlights of the tender please give rate of interest for interest bearing advance.	Refer clause no. 2.13.2.2d of GCC wherein it is mentioned that "The rate of interest applicable for the advances shall be the repo rate prevailing on the date of release of advance plus 4%, and such rate will remain fixed till the total advance amount is recovered".
90	General		Weather location for putting up batching plant shall be made available any charges for the same if any.	Tender specification shall prevail.

Corrigendum - 4 dated 17/06/2025 to CPC Tender No. BHEL/CPC / KRW/ PILING/ 26 /015

Sl. No.	Reference clause of Tender Document	Existing Clause	Bidder's Query	BHEL's Response
91	General		Can we start with working pile along with test piles or have to wait for testing?	Clearance for job pile shall be given after confirmation of safe pile capacities from initial pile load tests.
92	General		In item 2504 free cement is not mentioned kindly include it or clarify.	Cement shall be issued by BHEL free of cost. For details kindly Refer clause 9.1 of TCC.
93	General		In steel wastage 0.5% should be considered as invisible wastage.	Tender specification shall prevail.
94	General		Please don't link payment of piles with pile chipping it will be difficult to maintain cashflow.	Following payment Break-up shall be applicable for BOQ Item No. A2504: Payment Break-up: a) Installation of Bored cast-in-situ RCC vertical pile as per item description - 90%; b) Breaking of pile head to cut off level and exposing pile reinforcement for embedment in pile cap - 10%
95	General		Please confirm cement will be free issue for whole project covered in this NIT.	Refer clause 9.1 of TCC
96	Clause B-2.1 of the NIT under the "Piling, Pile Cap, and Pedestals" package		kindly confirm whether the construction of Diaphragm Walls (involving concrete works of grade >M35) qualifies under RCC works.	Yes, it will be considered. However, tender committee will review the documents pertaining to qualification.

Corrigendum - 4 dated 17/06/2025 to CPC Tender No. BHEL/CPC / KRW/ PILING/ 26 /015

Sl. No.	Reference clause of Tender Document	Existing Clause	Bidder's Query	BHEL's Response
97	Clause B.1 of the NIT		please clarify whether the value criteria for one, two, or three completed works apply to ongoing projects as well. This query arises since other technical criteria seem to permit consideration of running projects.	Refer Sl. No. 8 of explanatory note for the PQR wherein it mentioned that "'EXECUTED' means the bidder should have achieved the criteria specified in the Technical criteria of PQR (as in 'B' above) even if the Contract has not been completed or closed".

Encl:

- 1. General Layout Plan for Tender Purpose Only (Annexure-I)**
- 2. Site Levelling Plan (Annexure-II)**
- 3. Topographical survey drawings (Annexure-III)**
- 4. Revised HSE Plan for 2x660 MW SUPER CRITICAL TPP, HTPS, KORBA WEST of CSPGCL (Annexure-IV)**

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