

CLARIFICATION NO. 1

Name of Work: Construction of Head Race tunnels including Intakes, Pressure Shafts, Penstocks, Power House Cavern, Transformer cum GIS Cavern, Draft Tube Gate Operation Chamber including Gate shafts, Downstream Surge Cavern, Tail Race Tunnels, Pothead Yard, Adits including approach roads of Kamala H.E. Project (1720MW), Kamle district, Arunachal Pradesh, (LOT-2)

Tender ID: 2025_NHPC_884444_1

NIT published on 12.01.2026

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
1.	Section 0, NIT Cl. 1	5 (Vol 0)	Online electronic bids are invited for and on behalf of proposed JV between NHPC and Govt. of Arunachal Pradesh on Domestic Competitive Bidding (DCB) basis in single stage Two Part bidding basis	<p>We request to Amend the Clause as below</p> <p>‘Online electronic bids are invited for and on behalf of the proposed Joint Venture between NHPC and the Government of Arunachal Pradesh on an International Competitive Bidding (ICB) basis, adopting a single-stage, two-part bidding system.’</p> <p>Further, in order to ensure adequate competition and to facilitate participation of a larger number of eligible bidders, it is requested that the bidding conditions may be reviewed and amended accordingly to enable submission of competitive offers.</p> <p>NHPC invited all major tenders on ICB Basis for earlier tenders / works in Arunachal Pradesh and other states.</p>	Bid conditions shall prevail
2.	Section 0, NIT Cl. 4.1.1	9 (Vol 0)	General Construction Experience The Bidder (Sole Contractor or Lead Partner of JV) should have the General Construction Experience as Principle Contractor or Partner of JV or Sub-	Similar Work Means “Construction of Civil Structure in Water Resource / Hydro Power Development Project or Other Civil	Please refer corrigendum No. 4.

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			contractor approved by Employer, of substantially completed a major Civil Structure in a Water Resources/ Hydro Power Development Project or other Civil/Infrastructure Works during last twelve (12) years of following value: 1. One similar work costing not less than INR 2,510 Crore including taxes or 282 Million USD or 2. Two similar works each costing not less than INR 1,569 Crore including taxes or 176 Million USD or 3. Three similar works each costing not less than INR 1255 Crore including taxes (40%) or 141 Million USD. Similar Works / Major Civil Structure shall mean Dam/ Barrage, Tunnel, Power House, surge Shaft/Pressure Shaft. In case of tunnelling works the experience of tunnelling of Highway Tunnel/ Railway Tunnel/Metro Tunnel shall also be considered.	<u>Infrastructure Projects such as bridge and flyover.”</u> Our request based on PQ of 1) Lower Arun Hydro Power Project (669MW)-SJVNL 2) Kalai –II Hydro Power Project (1200MW) – THDC	
3.				Relaxation in Eligibility Criteria KEC is a contractor known for its quality work and high standards of safety. We are keen to participate in this tender and therefore request relaxation /modification of the existing eligibility conditions to enable our participation. A Notice Inviting Tender (NIT) for similar work has recently been floated by another PSU (THDC Ltd), where experience in all infrastructure works is permitted. A copy of the NIT is enclosed as Annexure-1 for your reference.	Please refer corrigendum No. 4
4.				1) The clause states that the bidder should have experience of one/two/three completed work of value not less than INR 2,510 Cr/INR 1569 Cr/INR 1255 Cr. of major Civil Structure in a Water Resources / Hydro Power Development Project or other Civil / Infrastructure works. However, it is not clear whether the qualification requirement means: Interpretation 1:	Please refer corrigendum No. 4 1) Please refer corrigendum No. 4

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				<p>General construction experience shall mean: any civil / infrastructure work of minimum value INR 2,510 Cr, irrespective of whether the work constitutes a major Civil Structure or not. OR Interpretation 2: General construction experience shall mean: major Civil Structure of minimum value INR 2,510 Cr specifically within a Water Resources Project / Hydro Power Development Project / other Civil / Infrastructure Project, We request the Authority to kindly clarify the above to ensure correct interpretation of the qualification criteria. Kindly Confirm.</p> <p>2) Eligibility of JV Partner The clause presently restricts experience to the Sole Contractor or Lead Partner of the JV. We request the Authority to kindly modify this condition to read as: “Sole Contractor or any Partner of the JV” This modification would ensure broader participation and is consistent with common qualification practices in large infrastructure projects.</p>	
5.				Based on the recent similar tenders invited by M/s THDC and M/s NEEPCO (both PSU’s are 100% subsidiaries of NTPC) for their Arunachal Pradesh, request Client to suitably amend the	Please refer corrigendum No. 4

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				<p>General Construction Experience criteria under clause 4.1.1 as below:</p> <p><u>OPTION-I</u></p> <p>Similar work: are defined as execution of works in a Water Resources Project/ Hydro Power Development Project/ Other Civil Infrastructure Projects. (as per THDC and NEEPCO recent bid documents)</p> <p><u>OPTION -II</u></p> <p>Similar work: are defined as execution of works in a Water Resources Project/ Hydro Power Development Project/ Other Civil Infrastructure Projects</p> <p>In case of one similar work, the project shall be from Water Resources Project/ Hydro Power Development Project.</p> <p>And</p> <p>In case of two/three similar works, atleast one project of value equal to 40% of the estimated cost shall be from Water Resources Project/ Hydro Power Development Project.</p> <p>Please find attached the clause of THDC Kalai II tender and original clause and corrigendum no.1 of NEEPCO TATAO II tender for your review.</p>	

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6.				<p>In light of above and in line with the Sawalkot HE Project Lot-1 and Corrigendum-4 of Uri-I Stage-II Lot-1, following modification is proposed:</p> <p>4.1 Technical Criteria</p> <p>4.1.1 General Construction Experience</p> <p>The Bidder (Sole Contractor or Lead Partner of JV) should have the General Construction Experience as Principle Contractor or Partner of JV or Sub-contractor approved by Employer, of substantially completed a major Civil Structure in a Water Resources/ Hydro Power Development Project or other Civil/Infrastructure Works during last twelve (12) years of following value:</p> <p>1. One similar work costing not less than INR 2,510 Crore including taxes or 282 Million USD or</p> <p>2. Two similar works each costing not less than INR 1,569 Crore including taxes or 176 Million USD or</p> <p>3. Three similar works each costing not less than INR 1255 Crore including taxes (40%) or 141 Million USD.</p>	Please refer corrigendum No. 4
7.	Section 0, NIT Cl. 4.1.2.1	10 (Vol 0)	<p>Technical/ Specific Construction Experience:</p> <p>UNDERGROUND POWER HOUSE</p> <p>a) Completion of an Underground / Sub-Surface / Surface Power House in Hydroelectric Projects.</p> <p>AND</p>	<p>We request the employer to modify the clause as follows, to have a wider participation and get a very competitive quote:</p> <p>Technical/ Specific Construction Experience:</p>	Please refer corrigendum No. 4

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			b) Completion of at least one cavern of minimum 17m width and minimum 42m height.	UNDERGROUND POWER/PUMP HOUSE a) Completion of an Underground / Sub-Surface / Surface Power/ Pump House in Hydroelectric/ Water Resources Projects. AND b) Completion of at least one cavern of minimum 17m width and minimum 42m height. Please confirm.	
8.				b) Completion of at least one cavern of minimum 14m width and minimum 38m height	Please refer corrigendum No. 4
9.				This clause may be amended as “The criteria to be met by such Bidder shall be as follows: (i) The Bidders himself to fully meet the following: (a) General Experience Criteria as mentioned at 4.1.1 b) Specific Construction experience Criteria mentioned at 4.1.2.1 and/or 4.1.2.2 and/or 4.1.2.3	Please refer corrigendum No. 4
10.	Section 0, NIT Cl. 4.1.2.2	10 (Vol 0)	4.1 Technical Criteria 4.1.2 Technical/ Specific Construction Experience: 4.1.2.2 Tunnel: Experience of tunnelling with Drill and Blast Method (DBM) / Tunnel Boring Machine / Road Headers / NATM: a) Completion of excavation of at least one tunnel of minimum 8m with minimum length of 1.0 km in Ongoing/Completed Project.	The subject invited tender is a Domestic competitive bid. Also, TBM Metro Tunnel experience is permitted to meet the General experience as well as Specific Technical Criteria of Tunnel as per clause 4.1.2.2. Kindly note Metro Tunnels in India are 5.8 m diameter (finished) and in between 6 m to 6.3 m diameter (excavated) depending upon the lining thickness.	Please refer corrigendum No. 4

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			<p>AND</p> <p>b) Completion of concrete lined tunnel of minimum 3.0 km (length from one project) of 3.0m finished diameter in Ongoing / Completed Projects.</p> <p><i>Note:</i></p> <p>i. <i>In case of tunnelling works, the experience of tunnelling of highway tunnel / railway tunnel/ Metro tunnel shall also be considered.</i></p> <p>ii. <i>Further in respect of s.no. (i) above, if tunnel(s) are constructed in multiple stretches in a single project, the cumulative length shall be considered for the purpose of qualifying criteria, however the minimum length of a single stretch of Tunnel should not be less than 0.5 Km in the same Project.</i></p> <p>iii. <i>In case of ongoing project, the amount /quantum of work done shall be considered for the purpose of qualifying criteria.</i></p>	<p>Request Client to consider the above and issue a suitable addendum.</p> <p>Kindly note NEEPCO in the recently invited tender in Arunachal Pradesh (TATO II) issued similar amendment to original tender i.e. reducing the Tunnel diameter requirement.</p> <p>Please find attached the original clauses, modifications vide corrigendum no.1 and corrigendum no.3 for your review.</p>	
11.				<p>Allowance of Subcontractors/Joint Ventures (JV) for Specialized Work</p> <p>We request that JV/Consortium arrangements be permitted for specialized works such as Tunnel, Cavern, and Shaft excavation. Allowing Subcontractors/JVs will enable firms with complementary technical and financial strengths to combine their expertise, enhance execution capability, and ensure timely completion of the project.</p>	Please refer corrigendum No. 4.
12.	Section 0, NIT Cl. 4.1.2.3	11 (Vol 0)	<p>Pressure Shaft:</p> <p>Experience of Completion of civil works (Excavation and Concreting) of at least one underground steel/concrete lined, vertical/inclined shaft with minimum height of 100m.</p>	<p>We request the employer to modify the clause as follows, to have a wider participation and get a very competitive quote:</p> <p>Pressure Shaft:</p> <p>Experience of Completion of civil works (Excavation and Concreting) of at least one underground steel/concrete lined,</p>	Bid conditions shall prevail

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				vertical/inclined shaft with minimum height of 70m . Please confirm.	
13.				We understand that in respect of the ongoing project involving the construction of 5-6 vertical shafts, the completion of civil works (excavation and concreting) of one vertical shaft shall be deemed sufficient to satisfy the requirement stipulated under Vol-0, Sec-0, NIT Clause 4.1.2.3 ("Pressure Shaft"). Kindly confirm.	Bid conditions are clear in this regard.
14.	Section 0, NIT Cl. 4.1.2.3, Note 8	12 (Vol 0)	The experiences of executing the work of a) Excavation of shaft by Raise Boring, b) Post Tensioned Rock Bolts (Tendons), c) Pipe Roofing, d) Building and Architectural works, e) water supply and sewage management system, f) Monitoring Instruments and g) 3D TSP (Tunnel Seismic Prediction) test are to be met through specialized agency. Bidder shall propose Specialized Agencies for execution of each of the works mentioned at a), b), c), d), e), f) and g) out of which one qualified agency shall be deployed for execution for such work. Credentials and Work Experiences of each agency are to be submitted with the bid.	We request employer to allow the bidder to submit an undertaking to deploy the Specialized Agencies for execution of each of the works mentioned at a), b), c), d), e), f) and g) meeting the requirements, if he is awarded the contract. Please Confirm.	Bidder shall submit the Specialized agencies at the time of bid submission itself.
15.				As in many underground works, items like Post-Tensioned Rock bolt (Tendons), Rock bolting, Pipe roofing, Excavation of shaft by Raise Boring, Building and Architectural works, water supply and Sewage management system, are to be executed commonly by contractors. We understand that for the above work specialized agency is not mandatorily required if the contractor has similar experience/credentials from previous projects. Kindly confirm.	Bid conditions are clear in this regard. If the bidder has experience for the specialized works, they need to submit credentials of executed works.
16.	Section 0, NIT Cl. 4.6	14 (Vol 0)	Joint Venture Bidders:	(ii)	Please refer corrigendum No. 4

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			<p>Joint Venture bidders shall comply with the following minimum qualifying requirements:</p> <p>(i) The number of partners in the Joint Venture not to exceed three (3) with one of the Partners designated as Lead Partner.</p> <p>(ii) The Lead Partner to fully meet the following:</p> <p>a) General Experience Criteria as mentioned at 4.1.1</p> <p>b) Specific Construction experience Criteria mentioned at 4.1.2.1 (Underground Power House)</p> <p>c) Average annual turnover (4.2(i)) not less than 50% of criteria specified under Financial Capacity.</p> <p>d) Working Capital Criteria (4.2(iii))</p>	<p>b) Specific experience Criteria mentioned at <u>4.1.2.1 (Underground Power House) or 4.1.2.2.(Tunnel)</u></p> <p>(iii) The other partner(s) to individually meet the following requirements:</p> <p>a) <u>The Specific Experience Criteria not met by the Lead Partner as deliberated under S. No. (ii) above.</u></p> <p>Our request based on Corrigendum No.- 1 dated 10/07/2025</p> <p>Dulahsti Stage-II Hydro Electric Project</p>	
17.	Section 0, NIT Cl. 4.6	14 (Vol 0)	<p>(iii) The other partner(s) to individually meet the following requirements:</p> <p>a) Specific Experience Criteria under 4.1.2.2 (Tunnel) or 4.1.2.3 (Pressure Shaft).</p> <p>b) Average annual turnover (4.2(i)) not less than 20% of criteria specified under financial capacity.</p> <p>.....</p>	<p>As per Clause ... of the RFP: Clause (ii) requires the Lead Partner to fully meet: a) General Experience (4.1.1) b) Specific Construction Experience – 4.1.2.1 (Underground Power House) c) Financial criteria as specified Clause (iii) requires the other partner(s) to individually meet: Specific Experience under 4.1.2.2 (Tunnel) or 4.1.2.3 (Pressure Shaft)</p>	<p>Please refer corrigendum No. 4</p>

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				<p>The above structure rigidly restricts the fulfilment of Specific Construction Experience under Clause 4.1.2.1 (Underground Power House) exclusively to the Lead Partner, while limiting the other JV partners to Clauses 4.1.2.2 or 4.1.2.3 only.</p> <p>We request the Authority to kindly amend the above clauses to allow that, in a Joint Venture, any partner (whether Lead Partner or other partner(s)) may fulfil the Specific Construction Experience requirement under Clause 4.1.2.1 or Clause 4.1.2.2 or Clause 4.1.2.3, with the JV as a whole being considered compliant, subject to fulfilment of the overall qualification requirements.</p> <p>Such amendment will ensure practical JV structuring in line with project execution requirements and promote wider competitive participation.</p>	
18.	Section 0, NIT Cl. 4.7 Section 0, NIT Cl. 4.7	15 (Vol 0) 15 (Vol 0)	<p>Bidders with Sub-Contractors:</p> <p>In case the Bidder does not have all requisite specific experience and also does not wish to enter into a Joint Venture or wants to restrict the joint venture partnership, he can associate sub-contractor(s) for specified activities in which he does not have the relevant experience as brought out below. The criteria to be met by such Bidder shall be as follows:</p>	<p>(i)</p> <p>b) Specific Construction experience Criteria mentioned at <u>4.1.2.1(Underground Power House) and/or 4.1.2.2.(Tunnel)</u></p> <p>(ii) In case,</p> <p>a) <u>The bidder meets the criteria under 4.1.2.1, the bidder can propose subcontractor(s) to meet the Specific experience criteria for 4.1.2.2 and/or 4.1.2.3</u></p>	Please refer corrigendum No. 4

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			<p>(i) The Bidders himself to fully meet the following:</p> <p>a) General Experience Criteria as mentioned at 4.1.1</p> <p>b) Technical/Specific Construction experience Criteria mentioned at 4.1.2.1 (Underground Power House).</p> <p>c) All criteria mentioned under Financial capacity in para 4.2</p> <p>d) Bid Capacity as mentioned in Para 4.3.</p> <p>(ii) The Bidders can propose the subcontractor(s) to meet the Specific Construction experience mentioned at 4.1.2.2 (Tunnel) or 4.1.2.3 (Pressure Shaft) which is not met by the bidder.</p> <p>(iii) The number of sub-contractors not to exceed two(2) for meeting the specific experience criteria.</p> <p>(iv) The Bidder and his proposed sub-contractor(s) should submit separate undertaking that the Bidder/Sub- contractors shall be responsible for execution of that item of work for which they claim to have specific experience.</p>	<p>b) <u>The bidder meets the criteria under 4.1.2.2, the bidder can propose subcontractor(s) to meet the Specific experience criteria for 4.1.2.1 and/or 4.1.2.3</u></p> <p>Our request based on Corrigendum No.- 1 dated 10/07/2025 Dulahsti Stage-II Hydro Electric Project</p>	
19.				<p>As per Clause 4.7, the Bidder is presently required to fully meet the Specific Construction Experience under Clause 4.1.2.1 (Underground Power House) on its own, while the remaining specific experience under Clause 4.1.2.2 (Tunnel) or Clause 4.1.2.3 (Pressure Shaft) may be met through the proposed subcontractor(s).</p> <p>We request the Authority to kindly amend this clause to allow the Bidder to fulfill any one of the Specific Construction Experience requirements under Clause 4.1.2.1 or Clause 4.1.2.2 or Clause 4.1.2.3 on its own, and to meet the remaining specific experience requirement(s) through the proposed sub-contractor(s), subject to fulfillment of overall qualification criteria.</p> <p>Kindly Amend to ensure the wider participation and fair competition.</p>	Please refer corrigendum No. 4

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20.			<p>(v) The Bidders and his proposed sub-contractor(s) should collectively satisfy, as a whole all the Technical Experience requirements.</p> <p>(vi) Sub-contractor(s) shall submit Performance Bank Guarantee equivalent to 5% of value of Work sublet in addition to the Performance Bank Guarantee/Insurance Surety Bond for whole contract submitted by the Bidders on award of Work.</p>	<p>We request you to amend as In case, a) The bidder meets the criteria under 4.1.2.1, the bidder can propose subcontractor(s) to meet the specific experience criteria for 4.1.2.2 and/or 4.1.2.3 b) The bidder meets the criteria under 4.1.2.2, the bidder can propose subcontractor(s) to meet the specific experience criteria for 4.1.2.1 and/or 4.1.2.3 c) The bidder meets the criteria under 4.1.2.3, the bidder can propose subcontractor(s) to meet the specific experience criteria for 4.1.2.1 and/or 4.1.2.2</p>	<p>Please refer corrigendum No. 4</p>
21.			<p>(vii) All the Proposed sub-contractor(s) to individually fulfil the Insolvency criteria specified under Para 4.4.</p>	<p>Addition under Clause 4.1.2 Bidders with Sub-Contractors</p> <p>In case the bidder does not have all requisite specific experience, he can associate sub-contractor(s) or specified activities in which he does not have the relevant experience. The criteria to be met by such bidder shall be as follows (as per Corrigendum 4 of the Uri-I Stage-I Lot 1 Package):</p> <p>(i) The bidder himself to fully meet the following:</p> <p>(a) General Experience Criteria as mentioned at 4.1.1</p> <p>(b) Specific Construction Experience Criteria mentioned at 4.1.2.1 (Under Ground Power House) and/or 4.1.2.2 (Tunnel)</p> <p>(c) All criteria mentioned under Financial Capacity in para 4.2</p> <p>(d) Bid Capacity as mentioned in Para 4.3</p>	<p>Please refer corrigendum No. 4</p>

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				(ii) In case, (a) The bidder meets the criteria under 4.1.2.1 (Under Ground Power House), the bidder can propose subcontractor(s) to meet the specific experience criteria for 4.1.2.2 (Tunnel) and/or 4.1.2.3 (Pressure Shaft) (b) The bidder meets the criteria under 4.1.2.2 (Tunnel), the bidder can propose subcontractor(s) to meet the specific experience criteria for 4.1.2.1 (Under Ground Power House) and/or 4.1.2.3 (Pressure Shaft) (iii) The number of sub-contractors not to exceed two (2) for meeting the specific experience criteria.	
22.	Section 0, ITB Cl. 17.1	36 (Vol 0)	Validity: Bids shall remain valid for the period stipulated in the Bidding Data from the date of opening of Techno-Commercial Bid specified in Clause 25.	It is requested to modify the clause as "Bids shall remain valid for the period stipulated in the Bidding Data <u>from the date of submission of the bid.</u> "	Bid conditions shall prevail.
23.	Section 0, ITB Cl. 18.3	37 (Vol 0)	Bid Security/Earnest Money Deposit Any Bid not accompanied by an acceptable Bid Security and Letter of Tender together with its attachments shall be rejected by the Employer as non-responsive. The bid security of a Joint Venture must be in the name of the individual partner of Joint Venture in proportion of its participation in joint venture submitting the bid.	We request to consider Any Bid not accompanied by an acceptable Bid Security and Letter of Tender together with its attachments shall be rejected by the Employer as non-responsive. The bid security of a Joint Venture must be in the name of joint Venture to submitting the bid.	Bid conditions shall prevail.
24.				Any Bid not accompanied by an acceptable Bid Security and Letter of Tender together with its attachments shall be rejected by the Employer as non-responsive. The bid security of a Joint	Bid conditions shall prevail.

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				Venture may be in the name of the any individual partner of Joint Venture submitting the bid.	
25.	Section 0, ITB Cl. 30.5	45 (Vol 0)	E-Reverse Auction (e-RA)	e-Reverse Auction may please be scrapped allowing bidders to submit comprehensive and realistic quotes from the outset.	Bid conditions shall prevail.
26.				We request you to kindly remove the e-Reverse Auction and allow the bidders to quote their best techno-commercial offer in the 1st instance itself to have fair competition among the bidders. Please Confirm.	Bid conditions shall prevail.
27.	Section 1, IFB, Cl. 4.0	28- 30 (Vol 1)	4.0 Hydrology	Please provide flood values for non-monsoon for various return periods (2, 5, 10, 15 and 25) for construction planning of TRT Outfall.	Due to very small difference between location of Dam & TRT, flood values for non-monsoon of Dam site can be considered for TRT. Return period flood for different working seasons at Dam site is enclosed in Corrigendum No. 4
28.	Section 1, IFB, Cl. 4.0 (3)	29 (Vol 1)	4.0 HYDROLOGY 3.Climatology [..]. Maximum and minimum temperatures as observed at Tamen are 43°C and 7°C respectively. [..]	To determine the cooling requirement of the concrete, please provide month-wise ambient temperatures and river water temperatures.	Please refer Corrigendum-4

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29.	Section 1, IFB, Cl. 5.0	40 (Vol 1)	5.0 LOCATION AND STATUS OF ACCESS ROADS TO SITES OF PROJECT (b) Access road to various work sites:	Kindly provide the details of the existing and proposed road network for the project, including the following: 1. ROW, Carriageway Width, Drain, Type of Road. 2. Locations, specifications and details of culverts and bridges (if any). 3. AutoCAD drawings of the road network layout (Existing & Proposed) 4. Contour survey in AutoCAD format for planning of road and cross-structures i.e., culverts and bridges (if any). 5. Access road alignment showing contour plan to understand the topography i.e. cutting/ filling and number of culverts, nallah etc.	The Project is accessible from both the banks of River Kamala. The left bank access road from Tamen to Pokhu and Right bank access road from Boasimla to Kamporijo is single road. Both the existing roads are to be widened with 7m carriageway by Lot-1 Contractor. The culverts and bridges also to be constructed/ strengthened by the same Contractor. The bridges/ culverts in the existing stretch are as per the rural road norms (PMGSY). It had been requested to all the prospective bidders during the pre-bid meeting to visit the project for better appraisal and

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					<p>understanding of the requirements and gather information necessary for bidding.</p> <p>For the proposed road network involving approx. 18kms, the scope of fixing alignment of road as per the Contractor's work methodology shall have to be undertaken by the Lot-2 Contractor.</p> <p>From these permanent access roads, the approach roads leading to different construction sites have to be constructed by the contractor at his own cost.</p> <p>Road network provided in IFB is indicative and Contractor has to plan and construct</p>

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					his own road network after carrying out detail survey of the area. However, for planning purpose, link for KMZ file is as below: https://drive.google.com/file/d/1QTEzjXusTyVfzcatEGbZdwxIxo4sFyPN/view?usp=sharing .
30.	Section 1, IFB, Cl. 5.0	40 (Vol 1)	<p>(b) Access road to various work sites:</p> <p>Left Bank Access Road: In order to reach the Project Components on the left bank from Tamen bridge, a RWD road constructed under PMGSY Scheme is available. However, the condition of the road is deplorable. This access road shall be widened for movement of heavy equipment and machineries from Tamen Bridge to Pokhu village. The widening and maintenance of this access road, as well as the strengthening and upgradation of bridges/culverts in this stretch shall be carried out by the Lot-1 Contractor up to completion of the project.</p> <p>However, during the widening of this access road as well as strengthening and upgradation of bridges/culverts on this road by the Lot-1</p>	<p>It is requested to provide the present status of Lot-1 Contractor.</p> <p>Any delay in handing of these mentioned roads by Lot – 1 Contractor shall be compensated in Time and Cost.</p>	<p>The Employer will make efforts to award works of Lot 1 and Lot 2 simultaneously to the extent possible so synchronized the activities of the both packages. However, in case of short gap between the awards, the mobilization period could be utilized for mitigating the time gap eventually leading to</p>

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			Contractor , the movement of construction equipment and machineries may be hindered. No any claim of the Lot-2 contractor shall be admissible on this account.		simultaneously start of work.
31.	Section 1, IFB, Cl. 5.0	40 (Vol 1)	Left Bank Access Road: [..] However, during the widening of this access road as well as strengthening and upgradation of bridges/culverts on this road by the Lot-1 Contractor, the movement of construction equipment and machineries may be hindered. No any claim of the Lot-2 contractor shall be admissible on this account.	We understand that the Employer shall ensure effective coordination between the stakeholders of Lot-1 and Lot-2 so as to avoid any impact on the submitted schedule.	Construction of road on left bank of Kamala River from Zone 6B to Zone 4G near Duggi village of approx. 18 Km length shall be constructed by Lot-2 Contractor for their use during construction phase and the existing road on the left bank which is to be widened by Lot-1 contractor will serve beneficial for Lot-2 contractor for shifting of equipments, machineries and materials to the project component locations during initial stage.

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32.				<p>We presume that the alternate access road on LHS will be taken up by employer and same shall be completed before the commencement, as HRT AND TRT portal works and development of facility areas will be under construction and may block the existing public access road.</p> <p>Please confirm.</p>	<p>The Project is accessible from both the banks of River Kamala. The left bank access road from Tamen to Pokhu and Right bank access road from Boasimla to Kamporijo is single road. Both the roads are to be widened with 7m carriageway by Lot-1 Contractor. The culverts and bridges also to be constructed/ strengthened by the same Contractor.</p>
33.	Section 1, IFB, Cl. 5.0	41 (Vol 1)	Right Bank Access Road: [..]	<p>We presume that the alternate access road for Komprijo will be taken up by employer and same shall be completed before the commencement of proposed work, as quarry activities and development of facility areas will be under construction and may block the existing public access road between Komprijo and Boa Simla.</p> <p>Please confirm</p>	<p>The Project is accessible from both the banks of River Kamala. The left bank access road from Tamen to Pokhu and Right bank access road from Boasimla to Kamporijo is single road. Both the roads are to be widened</p>

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
					with 7m carriageway by Lot-1 Contractor. The culverts and bridges also to be constructed/ strengthened by the same Contractor.
34.	Section 1, IFB, Cl. 6.0	42 (Vol 1)	6.0 AVAILABILITY OF LAND FOR CONTRACTOR'S INFRASTRUCTURE FOR MAIN WORKS:	It is requested to share Land acquisition drawings showing General layout plans and all the project components in AutoCAD format for Planning purpose. We understand land requirement for all the project components will be made available by client before start of works. Kindly confirm.	The land patches have been identified for Contractors Infrastructure facilities which is under process for acquisition on lease basis by the District Administration and shall be provided at the time of start of work. KMZ file is enclosed for reference
35.	Section 1, IFB, Cl. 7.0	43 (Vol 1)	DETAILS ABOUT IDENTIFIED DUMPING AREA: The quantity of muck likely to be generated during construction phase of the proposed Project will be disposed at the earmarked muck disposal sites. The total muck generation would be in order of approx. 87 lac cum. It is anticipated that out of the total muck generated from powerhouse cavern, approx.	We presume that the muck disposal area is sufficient to cater dumping of the excavated muck and also we presume that employer shall provide the necessary assistance to the contractor for getting approvals from various authorities prior to initiate the dumping activities at the designated areas provided by employer.	Bid conditions are clear in this regard. Project: 50% area dumping site 6B and 6C has been allocated to Lot-II contractor for

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
36.			<p>4 lac cum of the excavated material is expected to be used as construction material after qualifying the test results and remaining muck will be sent to the designated disposal sites. Further in the event if the excavated material generated from Transformer cavern/Gate Operation Chamber/Downstream Surge Cavern is found to be suitable after qualifying the test results for construction purpose then the same shall also be utilized.</p> <p>There are four designated disposal locations identified (Zones 6A-1, 6A-2, 6B and 6C) on either side of the Kamala River. The list of dumping sites proposed are listed below:</p> <p>Dumping sites Zones 6A-1, 6A-2 are designated for use of LOT-1 Contractor and Dumping sites Zones 6B & Zone 6C are designated for use of LOT-1 & Lot-2 Contractor (50% area for each Lot).</p>	<p>Please confirm.</p> <p>We wish to bring to your notice that Zone-6B and Zone-6C has to used by both the Contractor of LoT-1 & LoT-2 (50% of area). We request you to provide the dumping yard to use for the contractor of Lot-1 & Lot-2 based on first come first basis.</p>	<p>dumping the excavated material. The dumping area is sufficient for disposal of muck generated from the excavation.</p> <p>About 4 lakh material generated from excavation of powerhouse area (SMR-2) can be used for permanent works. Apart from this, after testing the material if found suitable then the same may be used by the contractor for permanent works which has been clearly stated in IFB.</p>
37.	General		General	<p>We presume that material generated from muck can be used for permanent works. Please Confirm</p>	<p>Please refer Sl. No. 35.</p>

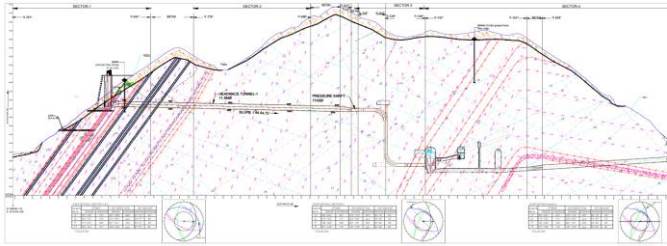
Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification																				
38.	Section 1, IFB, Cl. 8.0	44 (Vol 1)	<p>DETAILS OF AVAILABLE CONSTRUCTION MATERIALS AND QUARRIES</p> <table border="1"> <thead> <tr> <th colspan="5">Rock Quarries (LOT-2)</th> </tr> <tr> <th>Sl. No.</th> <th>Name of Deposit</th> <th>Index No.</th> <th>Distance from Dam Axis approx. (km)</th> <th>Available Quantity approx. (lakh cum)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Power house area</td> <td>SMR-2</td> <td>0.5 d/s</td> <td>4</td> </tr> <tr> <td>2.</td> <td>Duggi Downstream rock quarry on left bank of kamala river</td> <td>SMR-12</td> <td>6.0 u/s</td> <td>22</td> </tr> </tbody> </table> <p>Quarry sites SMR-2 and SMR-12 are designated for use by the Contractor.</p>	Rock Quarries (LOT-2)					Sl. No.	Name of Deposit	Index No.	Distance from Dam Axis approx. (km)	Available Quantity approx. (lakh cum)	1.	Power house area	SMR-2	0.5 d/s	4	2.	Duggi Downstream rock quarry on left bank of kamala river	SMR-12	6.0 u/s	22	The table under IFB-8.0 shows the Quarries identified as SMR-2 & SMR-12 whereas the Table 18.2 includes SMR-5 also. We understand that the Quarries earmarked for Lot-2 are SMR-2 & SMR-12 only as per IFB-8.0. Please confirm.	The total material requirement for construction of Lot-2 works is estimated at 24.9 lakh cum. About 26.0 lakh cum of material is available from SMR-2 and SMR-12 quarry areas. If additional material is needed during the construction stage, SMR-5 quarry may also be considered as a supplementary source for Lot-2 works.
	Rock Quarries (LOT-2)																								
Sl. No.	Name of Deposit	Index No.	Distance from Dam Axis approx. (km)	Available Quantity approx. (lakh cum)																					
1.	Power house area	SMR-2	0.5 d/s	4																					
2.	Duggi Downstream rock quarry on left bank of kamala river	SMR-12	6.0 u/s	22																					
Section 1, IFB, Table 18.2	117 (Vol 1)	Shortlisted Rock Quarries for Construction of Power House Area																							
39.	Section 1, IFB + Section 3, PCC	45 (Vol 1) + 27 (Vol 2)	<p>10.0 ARRANGEMENTS OF CONSTRUCTION POWER FOR CONTRACTOR'S USE FOR MAIN WORKS AND THEIR ESTABLISHMENT:</p> <p>Presently, there is no power supply available at the Project site. The Contractor has to make his own power arrangements for construction purpose and power for his own use, at their own cost till the time the grid power supply is available.</p> <p>4.19: Electricity, Water and Gas [.] NHPC will deduct the financial advantage corresponding to Energy Consumed by contractor</p>	It is observed that the PCC does not specify any formula for financial advantage related to grid energy consumed by the contractor. Kindly clarify or provide the relevant provision.	Please refer corrigendum No. 4																				

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
			on monthly basis from each RA bill/payment due to contractor. The Formula for calculating Financial Advantage shall be as described in the Particular Conditions of the Contract (PCC).		
40.	Section 1, IFB, Cl. 14.3	53 (Vol 1)	14.3 Seismicity “The project site falls in the seismically active Himalayan region in seismic Zone-V.”	The seismic zonation map of India has been updated recently now the proposed site lies in Seismic Zone “VI” as per the Indian Standard IS:1893 (Part 1): 2025 “Criteria for Earthquake Resistant Design of Structures General Provisions and Buildings. Kindly clarify whether the PGA studies are in accordance with the current seismic zone and shall be considered for our analysis.	As per the Clause 1.6 of Indian Standard IS:1893 (Part 1): 2025 the provisions of this standard are not applicable to structures of nuclear power plants and dams, for which the requirements specified by the respective competent authorities to regulate such structures shall be applicable.
41.	Section 1, IFB, Cl. 15	55 (Vol 1)	15.0 GEOLOGICAL & GEOTECHNICAL INVESTIGATION	It is requested to provide the following information and documents: • Layout drawings indicating the locations of all boreholes/drillholes, duly aligned with the structural layout including Coordinates of all boreholes/drillholes in tabular form. • Complete geological and geotechnical exploration data for all drillholes covering the full range of exploration depths, including: o Field borehole / drillhole logs o Core recovery values and RQD data	The Geological Plan shows the locations of all explorations, including boreholes and drill holes. Detailed data such as coordinates of boreholes/drill holes, complete geological and geotechnical investigation records,

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
				<ul style="list-style-type: none"> o Details of structural features such as joints, shears, faults and crushed zones o Weathering classification • Core box photographs for the entire depth of each drillhole, clearly tagged with: <ul style="list-style-type: none"> o Borehole ID o Depth intervals • Details of the depth of groundwater table encountered in each drillhole. • Results of water permeability (Lugeon) tests conducted for the various rock types encountered. 	drill logs, WPT test results, etc., are available in the DPR and can be furnished to the successful bidder after tender evaluation.
42.	Section 1, IFB, Cl. 15	55 (Vol 1)	15.0 GEOLOGICAL & GEOTECHNICAL INVESTIGATION	<p>It is requested to provide the details of Rock class percentage for Below mentioned components additionally:</p> <ol style="list-style-type: none"> 1.Penstocks 2. Adit to HRT & Pressure shaft top 3. Adit to lower horizontal pressure shaft 5. Adit to top of D/S surge cavern 6. Adit to Powerhouse cum ventilation tunnel 7.Transformer cum GIS Cavern 8.Downstream surge cavern 9.Draft tube GOC 10.Draft tube Gate shafts 11.Gate shaft auxiliary unit 12.Unit TRT 13.TRTR for Aux unit 14. AUX TRT GOC 	Rock class of components viz. Adit to HRT & Pressure shaft top, Transformer cum GIS Cavern, Downstream surge cavern, Unit TRT are available in DPR, for other components to the same may be provided on specific request.
43.	Section 1, IFB, Cl. 15.4	73 (Vol 1)	15.4 Exploratory Drifting Table 3 Summary of Exploratory drifts.	Kindly provide 3D logs of drifts.	Available in DPR, can be provided to successful bidder

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
					after tender evaluation.
44.	Section 1, IFB, Cl. 15.5	83 (Vol 1)	15.5 Geophysical Survey (Resistivity Imaging & Seismic Refraction)	It is requested to share the detailed Geophysical survey reports (Resistivity Imaging and Seismic refraction).	Available in DPR, can be provided to successful bidder after tender evaluation.
45.	Section 1, IFB, Cl. 15.6.2	88- 89 (Vol 1)	15.6.2 Laboratory Testing. Table 9 Rock Mechanic Test Results- Average Values	Since the results of both the NIRM and NEHARI are quite different, kindly specify the rock type for which test were conducted and the location of drillhole from where the cores were retrieved. In case in future if we require to use the test data for analysis, kindly specify which results shall be used, NIRM's or NEHARI's.	The details of rock type over which test were conducted and the location of drillhole from where the cores were retrieved is available in the respective report and are annexed in the DPR. can be provided to successful bidder after tender evaluation.
46.	Section 1, IFB	114 (Vol 1)	18.1.1.2 Raga Road Rock Quarry (SMR-5) This rock quarry is located along the Tamen-Raga Road about 8.0 km. from Tamen Bridge, and is well connected with the existing road network. This is a running quarry presently being exploited by GREF for road construction work. [...] About 36.0 lakhs cum of suitable rock is likely to be available from this deposit.	Kindly confirm whether GREF will permit the contractor to operate the said quarry.	The said quarry is identified for use of material for wearing surface only and not under control of GREF. The material has to be extracted from 100 m away from NH13 (Trans

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
			[..] 02 lakh cum aggregate material use for wearing surface concrete for Lot-1 works and remaining 34.0 lakh cum aggregate material use for Lot-2 works.		Arunachal Highway) in identified area of quarry.
47.	Section 1, IFB	115 (Vol 1)	18.1.1.3 Duggi Downstream Rock Quarry (SMR-12) This rock quarry is located about 6.0 km upstream of dam axis and is presently approachable by the existing road network on the left bank.	It is understood that all statutory approvals are in place, enabling the contractor to commence quarry operations upon award of the work. Request to confirm.	The Project is in process of preparation of the mining plan and approval thereof from the Competent Authority of the State Govt. The mining plan approval shall be in place before start of quarry operations upon award of work. However, if EC is required/ applicable, then the same shall have to be obtained by Contractor. Also, contractor shall obtain all necessary statutory clearances / consent for mining from the appropriate statutory body as

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
					applicable for mining / quarrying operation for the project.
48.	Section 1, IFB	4 (Vol 1 Part 2)	DRG. NO. NH/KAMLA/WCS/EG/2023/PL-5.16,Rev-01 	Kindly provide, chainage wise rock mass classification along the water conductor system.	Tentative rock mass classification is already included in the IFB documents for reference.
49.	Section 1, Construction Schedule	19-27 (Vol 1 Part 3)	KAMALA HEP TENDER CONSTRUCTION SCHEDULE (1720MW), ARUNACHAL PRADESH	It is requested to provide interface points in between Lot-1 and Lot-2 activities also in the schedule.	There is no interface point in between Lot-1 and Lot-2 activities.
50.	Section 1, Construction Schedule	19-27 (Vol 1 Part 3)	KAMALA HEP TENDER CONSTRUCTION SCHEDULE (1720MW), ARUNACHAL PRADESH	It is noted that the time for mobilization and "Construction of Roads" has been indicated at the same time in the schedule. It is requested to provide the additional time for the mobilization followed by construction of roads.	Approach to site is available at both the banks of river and road works can be taken-up immediately after award of the work. Hence, no change is required in the schedule.
51.	Section 1, Construction Schedule	27 (Vol 1 Part 3)	CT1000 Excavation of Cable Tunnel: Duration=75 days	The Cable Tunnel is currently aligned in a slope of 1V:1.94H with a length of more than 300m. Hence duration of 75days will demand a progress more than 120m/month which is	The excavation of Cable Tunnel is an independent activity having sufficient

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
				practically not feasible to achieve in this slope due to non-accessibility of heavy equipment for drilling, mucking, etc. This activity needs to be carried out using Winch, trolley & rail arrangement, with which a progress of maximum 15m-20m can be achieved in a month. Accordingly, kindly increase the time to at least 20 months.	float as it is not coming on critical path. Therefore, the period of excavation as submitted by the bidder has been agreed and considered in the revised Construction Methodology.
52.	Section 1, Construction Schedule	27 (Vol 1 Part 3)	TRT1100 Erection of Steel Liner in balance auxiliary TRT=75 days	The time period (75 days) provided for Erection of Steel Liner in balance auxiliary is inadequate in consideration of its length of 127.048m. The activity demands a progress of more than 50m/month which is practically not feasible from one face. Accordingly, kindly increase the time to at least 6 months.	Adequate fronts are available for erection of Steel Liner in balance auxiliary TRT. Hence, no change in schedule for erection of steel liner is required.
53.	Section 3, PCC, Cl. 1.1.3.1	12 (Vol 2)	“ Base Date ” means the date 07 days prior to the latest date for submission of the tender.	Please clarify the basis for fixing the Base Date as 07 days prior to the Bid Submission Date, as this leaves very limited time for bidders to incorporate any addenda and to finalise construction methodology, resources and costing. In view of the above, please confirm whether the Base Date will be reinstated to 28 days (or suitably revised).	Bid conditions shall prevail.

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54.	Section 3, PCC, Cl. 1.5	13 (Vol 2)	Delete the documents listed from (a) to (h) in Sub-Clause 1.5 and substitute: ----- k) any other documents forming part of the Contract.	BOQ flows from drawing and as such the tender drawing may be precedent to the BOQ.	Bid conditions shall prevail.
55.	Section 3, PCC, Cl. 1.9	14 (Vol 2)	Delayed Drawings or Instructions At the end of first paragraph of Sub-Clause 1.9, insert: The reasonable period between notice and requirement of Drawing(s) shall not be less than 84 days. (b) at the second para of sub-clause 1.9 is deleted and substituted by the following: "Payment of any such Cost, which shall be included in the Contract Price."	With reference to Sub-Clause 1.9 (Delayed Drawings or Instructions), wherein a minimum notice period of 84 days has been stipulated, please clarify whether the Engineer shall be required to issue complete and coordinated drawings for the relevant work front within the said period, and that issue of partial or incomplete drawings shall not be treated as compliance for the purpose of this Sub-Clause. Further, as the entitlement under Sub-Clause 1.9 has been limited to payment of Cost only, please clarify whether the Contractor shall not be entitled to any profit or overheads on account of delays attributable to late issue of drawings by the Engineer.	Delayed Drawings or Instructions: Bid conditions are clear in this regard. The Contractor is entitled to overheads but not entitled for profit on this account. For further clarity, please refer Sub-Clause 1.1.4.3.
56.	Section 3, PCC, Cl. 2.1	14 (Vol 2)	Right of Access to the Site b) third para of sub-clause 2.1 is deleted and substituted by the following : "Payment of any such Cost, which shall be included in the Contract Price."	With reference to Sub-Clause 2.1 (Right of Access to the Site), please clarify whether partial or restricted handover of the Site shall be treated as failure to give possession for the affected work fronts, entitling the Contractor to Extension of Time and Cost under this Sub-Clause. Further, as the entitlement under Sub-Clause 2.1 has been limited to payment of Cost only, please clarify whether the Contractor shall not be entitled to any profit or overheads in case of	Bid conditions are clear in this regard. The Contractor is entitled to overheads but not entitled for profit on this account. For further clarity, please refer Sub-Clause 1.1.4.3 and Sub-Clause 3.5.

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
				delay in handover of Site attributable to the Employer.	
57.	Section 3, PCC, Cl. 3.1	14 (Vol 2)	<p>Engineer's Duties and Authority Add the word "one of its employees as" after the word "appoint" in the 1st line of the para The employer....these duties. ---- The Engineer shall determine an addition to the Contract Price, in-respect of such instruction, in accordance with Clause 13 and shall notify the Contractor accordingly.</p>	<p>With reference to Sub-Clause 3.1, wherein the Engineer's determinations are subject to review and finalization by the Employer, please clarify whether any specific time limit is prescribed for the Employer to approve or finalize such determinations, particularly in respect of Extensions of Time, Variations and payment-related matters. Further, please clarify whether the Contractor shall be entitled to act upon and rely on any determination or certification issued by the Engineer pending Employer approval, for the purpose of execution and interim payments.</p>	<p>For major items like EOT and Variations, the Engineer is contractually required to secure approval before taking the action. For interim payments on new items, a partial release (75%) is specifically provided for pending that finalization</p>
58.	Section 3, PCC, Cl. 3.5	16 (Vol 2)	<p>Determinations No claim shall be payable related to consequent effects/cost in extended stay period.</p>	<p>With reference to Sub-Clause 3.5 read with Appendix to Tender (Idling Cost Formula), it is noted that idling cost is restricted to site staff and limited overhead of 5%, and further limited to 'authorized time'. Please clarify: (i) what is meant by 'authorized time' and who shall decide the number of days to be treated as authorized, (ii) whether costs of Head Office staff and other project-related overheads are excluded from idling cost, and (iii) whether no cost is payable for the extended stay period even if the delay attributable to the Employer prolongs the overall Contract duration</p>	<p>(i) "Authorized Time" (ii) Head Office staff costs and general project-related overheads are excluded from being claimed as actual costs, but they are included within the limited 5% lump-sum overhead allowance provided for in the contract formula</p>

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
					(iii) the tender document limits the Contractor's financial recovery to the actual period of the hindrance (contemporary idling) and any claims for the consequent period of stay (extended stay), regardless of Employer liability for the delay is not admissible.
59.	Section 3, PCC, Cl. 3.5	16 (Vol 2)		The claim shall be allowed for the extended stay period, for the reasons beyond the control of the Contractor.	There is no entitlement to cost compensation for the "extended stay" period, regardless of whether the delay was beyond the Contractor's control
60.	Section 3, PCC, Cl. 4.2	17 (Vol 2)	Amount of Performance Security..... 5% of the Accepted Contract Amount plus additional security for unbalanced bids and variation in contract price in the form of Unconditional Bank Guarantee, in the currencies and proportions in which the Contract Price is payable.	We request to reduce the Performance Security to 2% and the Retention Money to 3% so that the Total Security from the Contractor under the Contract shall be limited to 5% of the Contract Price.	Bid conditions shall prevail.
	Section 3, ATT 4.2	70 (Vol 2)			

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
	Section 3, PCC, Cl. 4.2	17 (Vol 2)	Amount of Performance Security for Sub-Contractor's Performance..... 4% of the value of sub contracted works, in the currencies and proportions in which the Contract Price is payable.		
	Section 3, ATT 4.2	70 (Vol 2)			
	Section 3, ATT 14.3	71 (Vol 2)	Percentage of Retention Money: 5%		
61.	Section 3, PCC, Cl. 4.2	17 (Vol 2)	Amount of Performance Security..... 5% of the Accepted Contract Amount plus additional security for unbalanced bids and variation in contract price in the form of Unconditional Bank Guarantee, in the currencies and proportions in which the Contract Price is payable.	We requested that the provision for Additional Performance Security may kindly be removed. However, we confirm that the Performance Security as stipulated in the tender conditions shall be submitted in full compliance with the contract requirements	Bid conditions shall prevail.
62.	Section 3, PCC, Cl. 4.2 Para 4	17 (Vol 2)	The Contractor within 90 days of issue of Letter of Acceptance shall provide an additional security for Sub-Contractor's performance from his Sub-Contractor, if required, under the Contract. The Performance Security shall be in the form of a bank guarantee / insurance surety bond, as stipulated by the Employer in the Appendix to Tender.	We request to amend the condition as below The Contractor shall submit the Additional Performance Security at least 90 days prior to commencement of the subcontracted works.	Please refer corrigendum No. 4.
63.	Section 3, PCC, Cl. 4.2	17 (Vol 2) The Performance Security shall be in the form of a Bank Guarantee (BG) / Insurance Surety Bond, as stipulated by the Employer in the Appendix to Tender.	We understand that the Insurance Surety Bond is allowed against Performance Security for the Contractor as well as Subcontractor. Kindly confirm.	Please refer Page - 200, Vol-2, Section-4 of Tender Document.
	Section 3, ATT 4.2	70 (Vol 2)	Amount of Performance Security..... 5% of the Accepted Contract Amount plus additional security for unbalanced bids and variation in contract price in the form of		

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
			Unconditional Bank Guarantee, in the currencies and proportions in which the Contract Price is payable.		
	Section 3, ATT 4.2	70 (Vol 2)	Amount of Performance Security for Sub-Contractor's Performance..... 4% of the value of sub contracted works, in the currencies and proportions in which the Contract Price is payable.		
64.	Section 3, PCC, Cl. 4.2	18 (Vol 2)	Performance Security: Para-6th The performance bank guarantee / insurance surety bond delivered by the Contractor shall be valid upto 90 (Ninety) days beyond Defect Notification Period.	We request to consider validity/release of performance bank guarantee on completion of works, as the retention Money is also kept till completion of Defect Notification Period, as per PCC 14.9.	Bid conditions shall prevail.
	Section 3, PCC, Cl. 14.9	59 (Vol 2)	Payment of Retention Money: Para-4th Promptly after the latest Defect Notification Periods, the Retention Money shall be certified by the Engineer for payment to the Contractor (or return of the bank guarantee, which replaced the Retention Money).		
65.	Section 3, PCC, Cl. 4.6	21 (Vol 2)	Co-operation At the end of the sub-clause add the following para: The Civil Contractor shall closely coordinate with HM and E&M contractors under separate contract packages to ensure smooth project execution.---- Temporary modifications or supports required for HM/E&M works shall be provided by the Civil Contractor at no additional cost, unless otherwise directed in writing by the Engineer-in-Charge.	With reference to Sub-Clause 4.6, please clarify whether any delay or disruption to the Civil Works arising due to non-availability, delayed performance or lack of coordination by HM and/or E&M contractors under separate contracts shall entitle the Civil Contractor to Extension of Time and please clarify whether the entitlement under this Sub-Clause shall be limited to Cost only, without profit or overheads, except to the extent specifically provided under the Idle Claim provisions.	Bid conditions shall prevail.

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66.	Section 3, PCC, Cl. 4.7	21 (Vol 2)	Setting Out Para (b) of sub-clause 4.7 is deleted and substituted by the following:“(b) Payment of any such Cost, which shall be included in the Contract Price.	With reference to Sub-Clause 4.7 (Setting Out), wherein payment is limited to “Cost” in case of error in Employer-provided reference points or levels, please clarify whether, where the Contractor is required to execute additional or rework and the Contract duration is affected, the Contractor’s entitlement shall be restricted to Cost only or whether any compensation towards overheads and profit shall also be admissible.	Bid conditions shall prevail.
67.	Section 3, PCC, Cl. 4.8	21 (Vol 2)	Safety Procedures f) shall be liable to compensate for non-compliance or repeated failure in implementation of requisite safety measures as per the Contract. The amount of compensation applicable for different types of violations shall be as specified in Conditions of Contract on Safety, Health & Environment and Safety, Health & Environment Manual. However, the cumulative limit for compensation under a contract shall be 1.0% of Accepted Contract Amount. This compensation shall be in addition to all other compensation specified elsewhere in the Contract. If cumulative limit of compensation is exceeded but the Contractor continues to neglect the requisite safety measures, same shall be considered as default of Contractor under clause 15 of GCC.	The compensation of 1% under this clause is very high and may be reduced. OR This compensation shall be adjusted to all other compensation specified elsewhere in the contract.	Bid conditions shall prevail.
68.	Section 3, PCC, Cl. 4.12	22 (Vol 2)	Unforeseeable Physical Conditions Delete the words “and man-made” in the first para.	We request to reinstate the FIDIC Conditions.	Bid conditions shall prevail.
69.				With reference to Sub-Clause 4.12 (Unforeseeable Physical Conditions), wherein	Bid conditions shall prevail.

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
				<p>the words “man-made” have been deleted from the definition of Physical Conditions, it is noted that man-made obstructions such as road blockages, bunds, access restrictions and stoppage of work due to public agitation are excluded from its scope.</p> <p>Further, under Section X – General Hazards (Opposition by land rehabilitees), such events are provided with Extension of Time only. Please clarify whether, in case of stoppage or restriction of work due to such man-made obstructions not attributable to the Contractor, the Contractor’s entitlement shall be limited only to Extension of Time, without any compensation towards overheads and profit, even where manpower and plant remain idle.</p>	
70.	Section 3, GCC	FIDIC	<p>Rights of Way and Facilities The Contractor shall bear all costs and charges for special and/or temporary rights-of-way which he may require, including those for access to the site. The Contractor shall also obtain, at his risk and cost, any additional facilities outside the Site which he may require for the purposes of the Works.</p>	The responsibility of providing encumbrance free rights-of-way for the execution of the project free of cost to the Contractor shall remain with the Employer. Please modify the clause accordingly.	Bid conditions shall prevail.
71.	Section 3, PCC, Cl. 4.16	23 (Vol 2)	<p>Transport of Goods At the end of Sub-Clause 4.16, add: If it is found necessary for the Contractor to move one or ----- if any. The Contractor shall use only registered common carriers for transport of goods.</p>	Para 1 may add ...’Necessary assistance for obtaining the permission, if any, shall be provided by the Employer’	Bid conditions shall prevail.

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
72.	Section 3, PCC, Cl. 4.17	23 (Vol 2)	<p>Contractor's Equipment All key equipment as defined in Data Sheet 3C shall be new. In case of other than key equipment, the contractor shall deploy at least 50% new equipment and balance 50% shall not be older than 3 years.</p>	<p>The deployment of all key equipment as “new” will attract huge investment by the Contractor during initial stage thereby resulting high bid price and adversely affecting the cashflow of the project. Also, the equipment like Raise Borer is highly specialized and high value equipment and the cost of such equipment cannot be absorbed for very nominal quantity included in the scope of contract. Hence, kindly modify the clause to allow contractor to deploy the Key & Additional Equipment having service life more than 50% of its scheduled life as per CWC guidelines.</p>	<p>Bidder may be requested to adhere to the condition & provision made in the tender document.</p>
73.				<p>Deploying all new equipment for the project involves huge investment costs for the contractor. And also, it is not viable for the project to deploy all new equipment.</p> <p>Many key equipment mentioned in DATA SHEET-3C are not critical in nature which are listed below, can be inducted old ones having life (at least 50%) as per manufacturer / CWC guidelines.</p> <p>Sl. No. – 4 to 6 (Crawler Dozer, Rear Dumper, Tipper / Dumper 10 MT), Sl. No. – 8 to 11 (Raise Borer, Air Track/Wagon Drill, Jack Hammer / Pavement Breaker, Compressed Air (cfm)) Sl. No. – 13 to 28 (Batching & Mixing Plant, Aggregate Processing Plant, Concrete Vibrator Electric / Pneumatic, Tower Crane, Concrete</p>	<p>Bidder may be requested to adhere to the condition & provision made in the tender document.</p>

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
				<p>Pump, Truck mounted concrete pump, Concrete Bucket, Transit Mixer, Grout Pump, Tunnel gantry, Hydraulic Tunnel gantry form)</p> <p>Sl. No. – 30 to 45 (Excavator Mounted Rock Breaker, Mobile Crane, EOT Crane, Electric Winch, Vibratory Compactor, Dewatering Pump, Ventilation System, Explosive Van, Steel Rib Bending M/c, Hydra Lift, Water Tanker / Sprinkler, Petrol/Diesel Tanker, Truck)</p> <p>Therefore, we request you to kindly modify the Data Sheet 3C and keep only critical equipment like Two Boom Drill Jumbo, Hyd. Excavator, Loader.</p>	
74.	Section 3, PCC, Cl. 4.17	23-24 (Vol 2)	<p>Contractor's Equipment</p> <p>... In case if Engineer notices any deficiency on the part of Contractor, an amount at the rate of 0.010% of the Accepted Contract Amount per day subject to maximum of 2% (two percent) of the Accepted Contract Amount shall be deducted from running bills till the contractor deploys the specified key equipment as per contract. Recovery of this amount shall be in addition to the recovery Liquidated Damages, if any.</p>	<p>Kindly delete this clause as the Liquidated damages upto 10% of Contract Price are already defined vide Clause PCC 8.7 of the tender document for not achieving Contract/ Progress/ Interdependent milestones & completion of works.</p>	<p>Bid conditions are clear in this regard. Bid conditions shall prevail.</p>
75.	Section 3, PCC, Cl. 4.19	27 (Vol 2)	<p>Electricity, Water and Gas</p> <p>Last para of Sub-Clause 4.19 is substituted as ::</p> <p>-----</p> <p>The Contractor shall also be responsible for making all payments to the relevant authorities and shall not make any claims to Employer if the power is not available due to grid failure or otherwise.</p>	<p>Present status of state power, grid connectivity, NHPC initiatives etc towards construction power needs to be brought to the knowledge of the Contractors for realistic evaluation of item rates.</p>	<p>The Project has taken up the issue of Construction power with Department of Power (DoP), GoAP. The DoP, GoAP has submitted the DPR of</p>

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
					construction power. The construction power shall be arranged through deposit basis and power shall be made available likely by 2027/2028
76.	Section 3, PCC	29 (Vol 2)	4.25: Land Land for Infrastructure shall be arranged by the Contractor himself at his own cost. The Employer shall hand over land for Permanent Works, dumping area and quarries, free of cost to the Contractor on “as is where is” basis. [..]	It is requested that the Employer ensure availability of unhindered and encumbrance-free land from the commencement date to facilitate timely execution of the works.	Land Acquisition activities of the Project are in advanced stage. Property survey in Kamle, Kra Daadi and Kurung Kumey districts have been completed, and data compilation by District Administration for the estimation of compensation is in process. It is expected that the land shall be available with NHPC by March / April 2026 prior to commencement of work.

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
					The land for infrastructure setup as mentioned in IFB shall be provided by the employer. Additional land if required, shall be arranged by the Contractor himself at his own cost and the employer shall not be responsible for making available the same.
77.				<p>1) It is requested to provide the Land Acquisition status. Any delay in handing over of Land by Employer shall be compensated in Time and Cost.</p> <p>As Identifying and Finalizing of Land including Approvals/permits for Contractor's infrastructure Setup will be difficult for the Contractor, it is requested to Employer to provide the Land for Infrastructure setup to the Contractor Free of Cost.</p>	<p>1.Land Acquisition activities of the Project are in advanced stage. Property survey in Kamle, Kra Daadi and Kurung Kumey districts have been completed, and data compilation by District Administration for the estimation of compensation is in process.</p> <p>It is expected that the land shall be</p>

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
					<p>available with NHPC by March/April 2026 prior to commencement date.</p> <p>The acquisition of land for Contractor's infrastructure setup is under process by district administration.</p> <p>2. The land for infrastructure setup as mentioned in IFB shall be provided by the employer. Additional land if required, shall be arranged by the Contractor himself at his own cost and the employer shall not be responsible for making available the same.</p>
78.	Section 3, PCC, Cl. 4.28 & 4.31	30-31 (Vol 2)		Appears to be Duplicity of Clauses	Bid conditions shall prevail.

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
79.	Section 3, PCC, Cl. 7.8	36-37 (Vol 2)	<p>Royalties The contractor shall pay all royalties, rents and other payments for:</p> <p>(a)</p> <p>(b) the disposal of material from demolitions and excavations and of other surplus material (whether natural or man-made), except to the extent that disposal areas within the Site are specified in the Contract.</p>	<p>1. Kindly clarify the prevailing rates of royalties for various materials like earth, Rock, Aggregates etc.</p> <p>2. We understand that the royalty is not payable on material from demolition and excavations which are dumped within the dumping yard provided by the Employer. Pls clarify.</p>	<p>1. The copy of order issued by Deptt. of Geology & Mining, GoArP is enclosed for prevailing rates of royalties (Annexure-1)</p> <p>2. The royalty shall be payable on material from demolition and excavations if material is being used for construction.</p> <p>However, no royalty is required to be paid, if the material is being dumped in the dumping yard/ not being used.</p>
80.				<p>We request employer to provide the rates for royalty, rents and other payments to be paid by contractor for usage of excavated materials generated from muck for any permeant and temporary works.</p>	
81.	Section 3, PCC, Cl. 8.1	37 (Vol 2)	<p>Commencement of Works Delete first paragraph of Sub-Clause 8.1 and substitute: The Commencement Date shall be 7th day from the date of issue of the Letter of Acceptance by the Employer. The transfer of works to main civil contractor will be on “as is where is” basis.</p>	<p>Please allow at least three months for the commencement of works from the date of LOA, as time is required to develop the area by constructing benching step by step and to prepare the site for facilities and camps at the proposed location.” Please confirm.</p>	<p>Bid conditions shall prevail.</p>

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82.				will on 'as is where is' basis. Suggested : The transfer of works to main civil contractor will on 'as is where is' basis while the requisite land for the work has been acquired by the employer and the site is free from all encumbrances	Bid conditions are clear in this regard.
83.	Section 3, PCC, Cl. 8.4	38 (Vol 2)	Extension of Time for Completion If the Contractor does not submit his application for extension of time with supporting documents as specified in Clause 20.1, it would be construed that there was no hindrance requiring extension of time (even though the hindrance has been brought to the notice of Engineer as per Clause 4.27) and contractor shall forfeit his claim for extension of time.	Kindly delete/modify this clause so that the contractor shall be eligible for extension of time if contractor has already notified according to the contract conditions but could not submit the claim as per Clause 20.1 due to any unavoidable situations/ exigencies at site.	Bid conditions shall prevail.
84.	Section 3, PCC, Cl. 8.7	39 (Vol 2)	Delay Damages: 3rd sentence of 4th Para The Delay Damages on these milestones shall be waived off, if whole of the work is completed in the scheduled time as stated in Sub-Clause 8.2.	Kindly modify sentence as "The Delay Damages on these milestones shall be waived off, if <u>the subsequent milestone is achieved on time or whole of the work is completed in the scheduled time as stated in Sub-Clause 8.2.</u> "	Bid conditions shall prevail.
85.	Section 3, PCC, Cl. 8.7	39 (Vol 2)	Delay Damages: 7th Para Delay Damages imposed on account of delay in achieving of interface / Interdependent Milestones as above shall not be refunded back even if the whole of the work under the packages completed within the time for completion as stated under Subclause 8.2 "Time for Completion". The maximum limit of Delay Damages for non-achievement of Interdependent Milestones shall be 2%.	We wish to state that it is unfair to recover the delay damages from the contractor despite of achieving the overall completion of work within the contract period, hence the referred sentences may be deleted.	Bid conditions shall prevail.

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
86.	Section 3, PCC, Cl. 10.2	39-40 (Vol 2)	<p>Taking Over of Parts of the Works Last but one para “If the Contractor incurs Cost..... agree or determine this Cost and profit” of sub-clause 10.2 be deleted and substituted by the following :“If the Contractor incurs Cost as a result of the Employer taking over and / or using a part of the Works, other than such use as is specified in the Contract or agreed by the Contractor, the Contractor shall (i) give notice to the Engineer and (ii) be entitled subject to Sub-Clause 20.1 [Contractor’s Claims] to payment of any such Cost which shall be included in the Contract Price. After receiving this notice, the Engineer shall proceed in accordance with Sub-Clause 3.5 [Determinations] to agree or determine this Cost.”</p>	With reference to Sub-Clause 10.2 (Taking Over of Parts of the Works), please clarify whether any time limitation is prescribed for the Employer’s taking over and/or use of any part of the Works. Further, please clarify whether any delay or disruption to the Contractor’s remaining Works arising due to such taking over and/or use shall entitle the Contractor to Extension of Time and please clarify whether the entitlement under this Sub-Clause shall be limited to Cost only, without profit or overheads.	Bid conditions are clear in this regard.
87.	Section 3, PCC, Cl. 10.3	40 (Vol 2)	<p>Interference with Tests on Completion Para (b) of sub-clause 10.3 is deleted and substituted by the following: “Payment of any such Cost, which shall be included in the Contract Price.”</p>	With reference to Sub-Clause 10.3 (Interference with Tests on Completion), wherein payment has been limited to Cost, please clarify whether, in case the Contractor is prevented from carrying out the Tests on Completion due to a cause attributable to the Employer, the Contractor shall be entitled to Extension of Time and please clarify whether the entitlement under this Sub-Clause shall be limited to Cost only, without profit or overheads.	Please refer Sub-Clause 10.3(a).
88.	Section 3, PCC, Cl. 11.8	40 (Vol 2)	<p>Contractor to Search The words “the Cost of the search plus reasonable profit shall be agreed” in third and fourth line of sub-clause 11.8 is deleted and substituted by the following: “the Cost of the search shall be agreed”</p>	With reference to Sub-Clause 11.8 (Contractor to Search), wherein payment has been limited to Cost even where the defect is not attributable to the Contractor, please clarify whether, in such cases, the Contractor shall be entitled to	Bid conditions are clear in this regard.

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				payment only of Cost and shall not be entitled to any compensation towards overheads and profit.	
89.	Section 3, PCC, Cl. 12.4	42 (Vol 2)	Omissions Sub-Clause 12.4 is deleted.	With reference to deletion of Sub-Clause 12.4 (Omissions), please clarify the contractual mechanism for compensating the Contractor for time and cost consequences arising from omission of work after mobilisation and planning, including recovery of committed resources, overheads and impact on Contract Price.	Please refer Sub-Clause 12.3.
90.	Section 3, PCC, Cl. 14.1 (e)	49 (Vol 2)	The Contract Price All applicable taxes/duties including GST as applicable and assessed on the Employer shall also be included in the price/rates, which shall be deducted from the Contractor and deposited to the concerned authority by the Employer.	Inclusion of GST in Contract value leads to additional cost towards procurement of BG's, Insurance, etc. We request you to exclude the GST from Contract Value so that, Employer will get the Cost benefit of the same in the Bids. The GST shall be paid to the Contractor at the prevailing rates along with the interim payments. Please Confirm.	Bid conditions shall prevail.
91.	Section 3, PCC, Cl. 14.2 (a)	50 (Vol 2)	Advance Payment The Engineer will make upon the request of the Contractor, an interest bearing advance payment to the Contractor exclusively for the costs of mobilization in respect of the Works in an amount not exceeding 5 (five) percent of the Accepted Contract Amount in two equal installments. (iii) provision by the Contractor of an unconditional Bank Guarantee in a prescribed form and by a Bank	We request employer to release an interest free advance equal in amount to 10% of the Accepted Contract Amount to the contractor against submission of BG/Insurance Security Bond of value equivalent to the advance amount. Please confirm.	Bid conditions shall prevail.

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			acceptable to the Employer in amounts equal to 110% of the advance payment requested for.		
	Section 3, ATT, Cl. 14.2	71 (Vol 2)	Mobilisation and equipment advance: State Bank of India MCLR for 3 years plus margin of 150 basis points. Special Advance: State Bank of India MCLR for 3 years plus margin of 250 basis points.		
92.	Section 3, PCC	55 (Vol 2)	The relevant Materials for payment when delivered to the Site	Kindly allow the material advance against the procurement of Aggregates & HSD delivered at site since these items also requires advance stocking due to remoteness of the Project location.	Bid conditions shall prevail.
	Section 3, ATT, Cl. 14.5	71 (Vol 2)	14.5 Sub Paragraph b(i) Cement and Steel.		
93.	Section 3, PCC	55 (Vol 2)	Plant and Materials intended for the Works ... The recovery of such advance shall be done from each succeeding running bill/ interim payment certificate and the full advance amount shall be done within 90 days from the date of release of advance, whether the material is consumed or not.	Since the Contractor shall be submitting indenture bond hypothecating the material to the employer, kindly avoid the recovery of such advance within 90days whether the material is consumed or not in that period. Hence kindly modify the clause accordingly.	Bid conditions shall prevail.
94.	Section 3, PCC, Cl. 14.7 (b) (i) & (ii)	57 (Vol 2)	Payment Based on the statement and supporting documents submitted by the Contractor in respect of Interim Payment Certificate, 80 % of the admissible gross value of Interim Payment Certificate on provisional basis within 7 days after Engineer receives the statement and supporting documents and after taking into account all recoveries including retention amount on 100 % of the value of Interim Payment Certificate.	We request you to modify the given clause as mentioned below: Payment of 90% of the certified net payment due (after recoveries and deductions), shall be made by the Employer within 7 days of submission of bill and Balance 10% payment on any date between 7th day to 28th day after the date of receipt of the statement and after taking into account of balance adjustment, statutory deductions & recoveries, if any.	Bid conditions shall prevail.

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			Balance 20% payment on any date between 7th day to 28th day after the date of receipt of the statement and after taking into account of balance adjustment, statutory deductions & recoveries, if any.	Please confirm.	
95.	Section 3, PCC, Cl. 14.7 (C)	57 (Vol 2)	Payment through Escrow Account	Since, we have exclusive tie-ups with various cement / steel / fuels suppliers & manufacturers for which we have centralised payment mechanism. Therefore, procurement of these items will not be possible by us through Escrow mechanism. Hence, we request you to kindly delete the provision of Payment through Escrow Account.	Bid conditions shall prevail.
96.	Section 3, PCC, Cl. 14.7	57-58 (Vol 2)	<p>Payment Delete sub paragraph (b) of Sub –Clause 14.7 and substitute: (b) (i) Based on the statement and supporting documents submitted----</p> <p>The Escrow Account/Agreement shall not be affected by the terms and conditions of the DR Scheme and the Contractor shall be required to disclose this condition to the DR Authority while submitting the case under DR.</p>	<p>1. With reference to Sub-Clause 14.7, wherein release of the next 80% provisional payment is linked to completion of 100% payment of one out of two preceding IPCs, please clarify whether this restriction shall apply even when delay in settlement of the previous IPC is attributable to the Employer/Engineer.</p> <p>With reference to Sub-Clause 14.7(b)(i), which requires submission of statutory and labour-related documents (such as EPF receipts, bank statements, Form-16, labour licence, etc.) along with each RA bill for release of provisional payment, please clarify whether provisional payment shall be withheld solely due to delay or non-availability of any such documents from banks or statutory authorities, even when the executed work has been measured and found admissible.</p>	<p>1. Bid Condition is clear in this regard. Contractor has to comply the statutory requirements.</p> <p>2. Please refer Sub-Clause 14.8.</p> <p>3. Please refer Sub-Clause 14.7(b)(ii), which is clear in this regard.</p>

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				<p>2. With reference to the Escrow Account mechanism under Sub-Clause 14.7, wherein release of funds is subject to joint authorisation by the Engineer-in-Charge and the Contractor, please clarify whether any delay in such authorisation by the Engineer-in-Charge shall be treated as delay attributable to the Employer and shall attract interest under Sub-Clause 14.8 and/or entitlement under Sub-Clause 20.1.</p> <p>Further, since payments to labour, suppliers and sub-contractors are required to be routed through the Escrow Account, please clarify whether any delay in release of funds from the Escrow Account, not attributable to the Contractor, shall be considered for appropriate relief under the Contract in case such delay affects progress of the Works.</p> <p>3. With reference to Sub-Clause 14.7(b)(ii), please clarify whether recovery of interest and withdrawal of the provisional payment facility shall apply only in cases of incorrect billing by the Contractor and not in cases where excess payment arises due to subsequent adjustments in valuation or measurement.</p>	
97.	Section 3, PCC, Cl. 14.8	58-59 (Vol 2)	Delayed Payment The clause is replaced with the following: Omissions on the part of the Engineer to pay the	With reference to Sub-Clause 14.7(b)(iii), wherein release of the next provisional payment is linked to settlement of previous IPCs, please clarify whether this restriction shall apply in	The query is expressly clarified in the Sub-Clause 14.7(b)(ii).

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			amount due upon measurement or otherwise shall - - The Contractor shall be entitled to this payment without formal notice or certification and without prejudice to any other right or remedy. Further no interest will be paid on disputed claim / amount.	cases where settlement of the previous IPCs is pending due to processing or approval at the Employer/Engineer's end. Further, please clarify whether such delay shall be considered as delay in payment for the purpose of Sub-Clause 14.8.	
98.	Section 3, PCC, Cl. 14.9	59 (Vol 2)	Payment of Retention Money The Contractor may substitute the Retention Money with a bank guarantee in the form, and from a source, acceptable to the Employer valid till the end of Defects Notification Period.	We request employer to release the retention money deducted from RA bills at regular intervals against submission of Bank Guarantee /Insurance Surety Bond of equivalent value, valid upto construction period. Please confirm.	Please refer Sub-Clause 14.9.
99.	Section 3, PCC, Cl. 16	60 (Vol 2)	Suspension and Termination by Contractor 16.1: Contractor's Entitlement to Suspend Work In Sub-Clause 16.1:"21 days" appearing in 1st paragraph of Sub-Clause 16.1 be replaced by "42 days" Para (b) of sub-clause 16.1 is deleted and substituted by the following:"(b) payment of any such Cost , which shall be included in the Contract Price. " 16.2: Termination by Contractor Delete subparagraph (d) of Sub-Clause 16.2."14 days" time period in penultimate paragraph be replaced by "42 days". 16.4: Payment on Termination Delete paragraph (c) of sub-clause 16.4.	16.1 increases the suspension notice period from 21 days to 42 days, requiring the Contractor to continue work for an additional 21 days despite non-payment. Further, deletion of Sub-Clause 16.4(c) removes entitlement to loss or damage even when termination is due to Employer's default. These changes together place the financial burden of non-payment entirely on the Contractor. We request to consider reinstating the original FIDIC clauses for these provisions.	Bid conditions shall prevail.

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100.	Section 3, PCC, Cl. 17.3	61 (Vol 2)	<p>Employer's Risks In sub-paragraph(b) of the Sub-Clause 17.3 delete word "terrorism" In sub-paragraph (c) of the Sub-Clause 17.3 delete word "riot" After sub-paragraph (h) of the sub-clause 17.3 add the following :i) Spread of Pandemic declared by appropriate Government Authorities. j) All the risk allotted to the Employer in the Risk Allocation Schedule as mentioned in Sub-clause 17.7.</p>	In Sub-Clause 17.3, the words "riot" and "terrorism" have been deleted from Employer's Risks. Riot and terrorism are events entirely beyond the control of the Contractor and relate to law and order and internal security. Please clarify the rationale for excluding these events from Employer's Risks and how the Contractor is expected to bear or mitigate such risks under the Contract.	Both terrorism and riot (unless restricted to the Contractor's personnel) remain explicitly defined as Force Majeure events under Sub-Clause 19.1(ii) and (iii)
101.	Section 3, PCC, Cl. 19	63 (Vol 2)	<p>Force Majeure 19.1: Definition of Force Majeure Delete words "In the Clause" from first line of sub-Clause 19.1 and modified as under: "Force Majeure" means an exceptional event or circumstance: Modify Para (c) of sub-Clause 19.1 as under(c) which, having arisen, such Party could not reasonably have avoided or overcome, and which is not substantially attributable to the other Party.Delete Para (d)</p> <p>19.4: Consequences of Force Majeure Delete sub-para (b) of Sub-Clause 19.4, and Substitute:(b) if the event or circumstance is of the kind described in subparagraph (i) to (iv) of Sub-Clause 19.1 [Definition of Force Majeure] and, in the case of subparagraphs (ii) to (iv) occurs in the Country, payment of 75% of such Cost</p>	In Clause 19.1, Para (d) of the FIDIC definition of Force Majeure has been deleted and Para (c) has been modified, thereby narrowing the scope of Force Majeure events. Further, under Clause 19.4, payment of only 75% of Cost is provided for Force Majeure events described in Sub-Clause 19.1. Force Majeure events are by definition beyond the control of either Party. It is requested to clarify the basis for limiting cost compensation to 75% and to consider reinstating the original FIDIC provisions under Clauses 19.1 and 19.4.	Bid conditions shall prevail.
102.	Section 3, PCC, Cl. 20.1	63-65 (Vol 2)	<p>Contractor's Claims 'Contractor's claim' is modified as under:(i) The period "28 days" mentioned in first and second para of Sub-Clause-20.1 is replaced by "15 days"</p>	1. Please clarify whether this requirement applies even where quantification of impact is dependent on measurements, third-party	1. The Contractor is responsible for keeping

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
			<p>-----</p> <p>No interest shall be paid by the Employer on the disputed/ claimed amount for the period up to determination and notification of the same to the Contractor by the Engineer/announcement of the reasoned award by Independent Engineer.</p>	<p>data or Employer decisions not available within 90 days.</p> <p>Many events such as productivity loss, cumulative delay or prolonged disruption can only be assessed over time. Please clarify how the 90day notice requirement shall be applied in case of such cumulative or progressive events.</p> <p>2. no interest shall be payable on disputed/claimed amounts until determination. This may result in prolonged withholding of legitimate dues. The Employer is requested to reconsider this provision and requested reinstating the original FIDIC provisions</p>	<p>contemporary records to substantiate claims.</p> <p>2. Bid condition shall prevail.</p>
103.	Section 3, PCC, Cl. 20.1 Para 7	64 (Vol 2)	<p>Further, the resources (Equipment/Manpower) shown in the data sheets No payments would be made towards the expenses incurred on deploying the additional resources as such unless expressly agreed by the Employer in writing.</p>	<p>It is pertinent to note that the bid price is derived based on the resources planned during bid stage according to the requirement of works considering its ideal output based on the site conditions envisaged during bid. If there are delays/low efficiencies due to specific site related issues which are beyond the control of the contractor and thereby requires additional resources, then the additional cost incurred by the Contractor against the same shall be compensated. Please modify this clause accordingly.</p>	<p>Bid conditions shall prevail.</p>

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104.	Section 3, PCC, Cl. 20.4	66 (Vol 2)	Obtaining Independent Engineer's Decision Delete the Sub-Clause 20.4 and substitute as under:----Decision of Independent Engineer shall be accepted by both the parties.	With reference to Sub-Clause 20.4 as substituted in the PCC, wherein a penalty is prescribed for non-compliance with requests of the Independent Engineer, please clarify whether such penalty shall be applicable equally to both the Employer and the Contractor in case of default by either Party.	Bid conditions are clear in this regard.
105.	Section 3, PCC, Cl. 20.6 Para 1	67 (Vol 2)	Arbitration ----- 05/0003/2019-FTS-10937 dated 14th December,2022 and the decision of AMRCD on the said dispute will be binding on both the parties”	<p>1. Please clarify whether multiple claims arising out of the same event or cause may be aggregated for the purpose of determining this 25% limit, and whether such cumulative limit applies to each dispute or to the total of all disputes under the Contract.</p> <p>2. Clause 20.6 requires the party invoking arbitration to deposit 5% of the disputed amount. In many cases, arbitration will be invoked due to non-payment by the Employer, where the Contractor is already facing cash flow constraints. Requiring upfront deposit of 5% of the claim amount in such circumstances may make it practically impossible for the Contractor to invoke arbitration. The Employer is requested to reconsider this requirement or provide an alternative mechanism.</p> <p>(or)</p>	<p>1. Yes, multiple claims, including those arising out of the same event or cause, are aggregated for the purpose of determining the 25% limit.</p> <p>2. Bid conditions shall prevail.</p>

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
				<p>Dispute upto 25% of Contract amount – Arbitration > 25% to Commercial Court/ competent court While >10 cr to CCIE</p> <p>Further, after the para ‘the seat of Arbitration shall be Faridabad’ The party invoking arbitration shall have to deposit a sum equal to 5% of the amount claimed under dispute with the other party at the tie of invocation of arbitration clause. a simple interest @6% per annum shall be paid by the other party on the amount deposited by the party for referring the claim to arbitration.</p> <p>Above may not be acceptable and against the Indian arbitration act 1996. We may request to delete such stipulations.</p>	
106.	Section 3, PCC, Cl. 20.6 Para 3	67 (Vol 2)	“..... <i>The cumulative claims not exceeding 25% of the Accepted Contract Amount can only be referred to arbitration and the claims above 25% of the Accepted Contract Amount are to be referred to commercial court /competent court.....</i> ”	Since, decision of Claims from commercial court /competent court will take longer time which will hamper the progress of work. Therefore, we request to delete the Para.	Bid conditions shall prevail.
107.	Section 3, PCC, Cl. 21 Para 2 nd	69 (Vol 2)	Dispute Resolution through Conciliation Committee of Independent Experts (CCIE) The dispute amounting above Rs. Ten (10) Crore shall only be referred for Conciliation Committee of Independent Experts (CCIE).	We understand that dispute amounting above Rs. Ten (10) Crore will be referred to CCIE, however, disputes below Ten (10) Crore will be handled by Independent Engineer (IE). Kindly confirm.	Bid conditions are clear in this regard.

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
108.	Section 3, PCC	70 (Vol 2)	APPENDIX TO TENDER Time for access to the site..... 2.1 Time for access to the site: Within 15 Days from the Commencement Date	It is requested that the Time for access to site shall be given on commencement date.	Bid conditions shall prevail.
109.	Section 3, ATT, Cl. 8.7	70 (Vol 2)	Contract/Progress Milestones MS05. Completion of Excavation of PH upto service Bay Level: 28 th month	The time provided for excavation of the Power House Cavern is inadequate in consideration that the Cavern is very large (380m long) with high volume of excavation along with installation of Rock supports. We recommend to increase this milestone to 34 th month so that adequate time is available for carrying out the excavation as well as rock supports in a proper manner. Accordingly, all subsequent milestones may also be revised in view of the overall time period available as below. MS05. Completion of Excavation of PH upto service Bay Level: 28 <u>34th</u> month MS08. Completion of Excavation of Power House: 37 <u>43rd</u> month IMS05. Handing over to E&M agency for Erection of EOT crane in Power House: 33 <u>39th</u> month IMS06. PH Unit-8: Handing Over to E&M Agency for Erection of Draft Tube: 39 <u>45th</u> month IMS07. PH Unit-1: Handing Over to E&M Agency for Erection of Draft Tube: 52 <u>58th</u> month IMS08 PH Unit-8: Handing over to E&M Agency for Erection of Generator, Turbine & Boxing up: 56 <u>62nd</u> month	Adequate time is provided for MS05 & MS08. Hence, time line provided for these milestones to be adhered. In view of above, the target month of all subsequent milestones will also remain unchanged.
	Section 3, PCC Annexure-II	76 (Vol 2)	MS08. Completion of Excavation of Power House: 37 th month		
	Section 3, ATT, Cl. 8.7	70 (Vol 2)	Interdependent Milestones with E&M Works IMS05. Handing over to E&M agency for Erection of EOT crane in Power House: 33 rd month		
	Section 3, PCC Annexure-IV	78 (Vol 2)	IMS06. PH Unit-8: Handing Over to E&M Agency for Erection of Draft Tube: 39 th month IMS07. PH Unit-1: Handing Over to E&M Agency for Erection of Draft Tube: 52 nd month IMS08 PH Unit-8: Handing over to E&M Agency for Erection of Generator, Turbine & Boxing up: 56 th month IMS09 PH Unit-1: Handing over to E&M Agency for Erection of Generator, Turbine & Boxing up: 69 th month		

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification																					
				IMS09 PH Unit-1: Handing over to E&M Agency for Erection of Generator, Turbine & Boxing up: 69 <u>75th</u> month																						
110.	Section 3, ATT, Cl. 8.7	70 (Vol 2)	Contract/ Progress Milestones Milestone are as per Annexure-II. Milestones Completion month to be reckoned from date of LOA.	We request employer to modify the clause as follows: Contract / Progress Milestones Milestone are as per Annexure-II. Milestones Completion month to be reckoned from date of commencement of works.	In view of above, no change is required in tender conditions with regard to Milestones.																					
111.	Section 3, ATT, Cl. 8.7	70 (Vol 2)	Interdependent Milestones with HM Works: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>S. No.</th> <th>Description of Activities</th> <th>Completion month from LOA</th> </tr> </thead> <tbody> <tr> <td>IMS01</td> <td>Handing over of intake structure to HM Agency for erection of Intake Gates</td> <td>30th month</td> </tr> <tr> <td>IMS02</td> <td>Handing over of 2 no. Vertical Pressure shafts to HM Agency.</td> <td>46th month</td> </tr> <tr> <td>IMS03</td> <td>Handing over of 2 no. Vertical Pressure shafts in addition to IMS01 to HM Agency.</td> <td>53rd month</td> </tr> <tr> <td>IMS04</td> <td>Handing over of TRT to HM Agency for erection of TRT Gates</td> <td>62th month</td> </tr> </tbody> </table>	S. No.	Description of Activities	Completion month from LOA	IMS01	Handing over of intake structure to HM Agency for erection of Intake Gates	30 th month	IMS02	Handing over of 2 no. Vertical Pressure shafts to HM Agency.	46 th month	IMS03	Handing over of 2 no. Vertical Pressure shafts in addition to IMS01 to HM Agency.	53 rd month	IMS04	Handing over of TRT to HM Agency for erection of TRT Gates	62 th month	Since the IMS03 is dependent on IMS02, the description of milestone no ISM03 shall be modified as below: “Handing over of 2 no. Vertical Pressure shafts in addition to IMS01 <u>IMS02</u> to HM Agency.”	This is a typographical error. The same needs to be read as under: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Sl. No.</th> <th>Activity Name</th> <th>Target Month</th> </tr> </thead> <tbody> <tr> <td>IMS03</td> <td>Handing over of 2 no. Vertical Pressure shafts in addition to IMS02 to HM Agency</td> <td>53</td> </tr> </tbody> </table>	Sl. No.	Activity Name	Target Month	IMS03	Handing over of 2 no. Vertical Pressure shafts in addition to IMS02 to HM Agency	53
	S. No.	Description of Activities		Completion month from LOA																						
IMS01	Handing over of intake structure to HM Agency for erection of Intake Gates	30 th month																								
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Sl. No.	Activity Name	Target Month																								
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	Section 3, PCC Annexure-III	77 (Vol 2)																								

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification												
112.	Section 3, ATT, Cl. 8.7	71 (Vol 2)	Maximum amount of delay damages on account of work as a whole, on account of Contract/Progress Milestones 10% of the Accepted Contract Amount.	We request employer to limit the maximum amount of cumulative LD for entire Contract to 5% of Accepted Contract Amount. It is a general practice followed for most of the contracts. Please confirm.	Bid conditions shall prevail.												
113.	Section 3, ATT, Cl. 14.2	71 (Vol 2)	Interest rate (on advance): Mobilization and equipment advance: State Bank of India MCLR for 3 years plus margin of 150 basis points. Special Advance: State Bank of India MCLR for 3 years plus margin of 250 basis points.	It is requested to provide the Interest Free Advance, as it will help Contractor to have Better Cash Flow.	Bid conditions shall prevail.												
114.	Section 3, ATT, Cl. 18.1	72 (Vol 2)	<i>Insuring party is the "Contractor" except for Works for which Employer shall take All Risk Insurance Policy.</i>	We understand that "terrorism" and "riot" will be covered under All Risk Insurance Policy, to be taken by the Employer. Please confirm.	Bid conditions are clear in this regard.												
115.	Section 3, PCC	80 (Vol 2)	RISK ALLOCATION SCHEDULE (Annexure – V) I.	It is requested to provide Cost compensation also in case the Contractor suffers any cost due to adverse climatic conditions including heavy rains.	Bid conditions are clear in this regard. Bid conditions shall prevail.												
116.			<table border="1"> <thead> <tr> <th colspan="6">I. METEOROLOGICAL/HYDROLOGICAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Exceptionally Adverse climatic conditions</td> <td>Non-working conditions leading to delay in construction</td> <td>Cleaning/ draining/ dewatering of work areas</td> <td>EOT as per Clause 8 of GCC & PCC.</td> <td>All other than those borne by Employer</td> </tr> </tbody> </table>	I. METEOROLOGICAL/HYDROLOGICAL						1	Exceptionally Adverse climatic conditions	Non-working conditions leading to delay in construction	Cleaning/ draining/ dewatering of work areas	EOT as per Clause 8 of GCC & PCC.	All other than those borne by Employer	Since, delay in construction due to Adverse climatic conditions is beyond control of contractor. Therefore, it is requested to provide Cost compensation also due to Adverse climatic conditions.	Bid conditions are clear in this regard. Bid conditions shall prevail.
I. METEOROLOGICAL/HYDROLOGICAL																	
1	Exceptionally Adverse climatic conditions	Non-working conditions leading to delay in construction	Cleaning/ draining/ dewatering of work areas	EOT as per Clause 8 of GCC & PCC.	All other than those borne by Employer												
117.				For exceptionally adverse climatic conditions resulting in non-working conditions and delay in construction, where Extension of Time is provided under Clause 8 of GCC & PCC, please clarify whether the provisions of Clause 3.5 of GCC & PCC read with Clause 4.27 of PCC shall also apply in cases where such delay results in	Bid conditions are clear in this regard. Bid conditions shall prevail.												

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification												
				idling of manpower, plant and site establishments, or whether only Extension of Time is admissible.													
118.	Section 3, PCC	80 (Vol 2)	RISK ALLOCATION SCHEDULE (Annexure – V)	It is requested to provide EOT and Cost incurred by the Contractor in case of delay in access to site due to bad weather conditions.	Bid conditions shall prevail.												
119.			<table border="1"> <thead> <tr> <th colspan="6">III. CONSTRAINED ACCESS TO SITE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Obstruction of Highways / roads connecting the Site due to heavy traffic/ bad weather conditions/ accidents etc.</td> <td>Difficulty in access and executing works</td> <td>Liaisoning with road maintenance authorities & Suitably to be accounted while planning overall scheme for construction of project as per schedule</td> <td>Nil</td> <td>All</td> </tr> </tbody> </table>	III. CONSTRAINED ACCESS TO SITE						1	Obstruction of Highways / roads connecting the Site due to heavy traffic/ bad weather conditions/ accidents etc.	Difficulty in access and executing works	Liaisoning with road maintenance authorities & Suitably to be accounted while planning overall scheme for construction of project as per schedule	Nil	All	In case access to the site is obstructed due to reasons such as heavy traffic, bad weather conditions or accidents, resulting in difficulty in executing works, please clarify whether mobilisation and deployment of manpower and plant shall be aligned with availability of access, and whether such periods shall be treated as Extension of Time under Clause 8 of GCC & PCC without attracting any adverse contractual consequences.	Bid conditions shall prevail.
III. CONSTRAINED ACCESS TO SITE																	
1	Obstruction of Highways / roads connecting the Site due to heavy traffic/ bad weather conditions/ accidents etc.	Difficulty in access and executing works	Liaisoning with road maintenance authorities & Suitably to be accounted while planning overall scheme for construction of project as per schedule	Nil	All												
120.	Section 3, PCC	81 (Vol 2)	RISK ALLOCATION SCHEDULE (Annexure – V) V. DUMPING AREAS 2 Instability of disposed muck	For instability of disposed muck, for which compensation is indicated as Nil under Annexure-V, please clarify whether instability arising due to causes not attributable to the Contractor (such as cloudburst, slope conditions, seismic activity or restrictions on approved dumping locations) shall be treated as Employer's risk, with entitlement to Extension of Time and cost determination under Clause 3.5 of GCC & PCC.	Bid conditions shall prevail.												
121.	Section 3, PCC	81 (Vol 2)	RISK ALLOCATION SCHEDULE (Annexure – V) V. DUMPING AREAS 3 Failure of slopes in dumping areas	In case of failure of slopes in dumping areas resulting in obstruction to work, for which compensation is indicated as Nil under Annexure-V, please clarify whether such failure, when not attributable to the Contractor's	Bid conditions shall prevail.												

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification						
				workmanship or negligence, shall entitle the Contractor to Extension of Time under Clause 8 of GCC & PCC and cost determination under Clause 3.5 of GCC & PCC							
122.	Section 3, PCC	81 (Vol 2)	VI. POLITICAL & SOCIAL RISKS <table border="1"> <tr> <td>1.</td> <td> a. War, hostilities, invasion, acts of foreign enemies, rebellion, revolution, insurrection or usurped power, or civil war; b. Contamination by radio activity from any nuclear fuel, or from any nuclear waste or radioactive materials; c. Pressure waves caused by aircraft or other aerial devices traveling at sonic or supersonic speeds d. Act of any Political or Religious incidence e. Commotion or disorder, unless solely restricted to employees of the Contractor or his sub- </td> <td>Non-working in project hence impact in project execution/leading to delay in construction</td> <td>Extra resources to cover up delays</td> <td>- EOT as per Clause 8 of GCC & PCC. - Cost of redoing of damaged Permanent Works as per BOQ Rates as per Clause 17 & 18 of GCC & PCC.</td> <td>All other than those borne by Employer.</td> </tr> </table>	1.	a. War, hostilities, invasion, acts of foreign enemies, rebellion, revolution, insurrection or usurped power, or civil war; b. Contamination by radio activity from any nuclear fuel, or from any nuclear waste or radioactive materials; c. Pressure waves caused by aircraft or other aerial devices traveling at sonic or supersonic speeds d. Act of any Political or Religious incidence e. Commotion or disorder, unless solely restricted to employees of the Contractor or his sub-	Non-working in project hence impact in project execution/leading to delay in construction	Extra resources to cover up delays	- EOT as per Clause 8 of GCC & PCC. - Cost of redoing of damaged Permanent Works as per BOQ Rates as per Clause 17 & 18 of GCC & PCC.	All other than those borne by Employer.	<p>Kindly add compensation against deployment of extra resource under column (5), i.e. Risk allocation- Employer.</p> <p>Please clarify time-related cost compensation is admissible under Clause 3.5 of GCC & PCC read with Clause 4.27 of PCC, please clarify whether such compensation shall include cost arising due to idling of manpower and plant during prolonged dewatering operations and associated stoppages.</p>	<p>Bid conditions shall prevail.</p> <p>Bid conditions shall prevail.</p>
1.	a. War, hostilities, invasion, acts of foreign enemies, rebellion, revolution, insurrection or usurped power, or civil war; b. Contamination by radio activity from any nuclear fuel, or from any nuclear waste or radioactive materials; c. Pressure waves caused by aircraft or other aerial devices traveling at sonic or supersonic speeds d. Act of any Political or Religious incidence e. Commotion or disorder, unless solely restricted to employees of the Contractor or his sub-	Non-working in project hence impact in project execution/leading to delay in construction	Extra resources to cover up delays	- EOT as per Clause 8 of GCC & PCC. - Cost of redoing of damaged Permanent Works as per BOQ Rates as per Clause 17 & 18 of GCC & PCC.	All other than those borne by Employer.						
123.											
124.	Section 3, PCC	82 (Vol 2)	RISK ALLOCATION SCHEDULE (Annexure – V) VII. ECONOMIC AND LEGAL RISKS <table border="1"> <tr> <td>4.</td> <td>Variation in tariff rates of Electricity</td> <td>Impact on Cost</td> <td>Timely compliance</td> <td>Nil</td> </tr> </table>	4.	Variation in tariff rates of Electricity	Impact on Cost	Timely compliance	Nil	<p>It is requested that the variation in tariff rates of Electricity (once available) shall be reimbursed to or recovered from the contractor upon submission of satisfactory documentary evidence of having made the payment at revised rates.</p>	<p>Bid conditions shall prevail.</p>	
4.	Variation in tariff rates of Electricity	Impact on Cost	Timely compliance	Nil							
125.	Section 3, PCC	85 (Vol 2)	RISK ALLOCATION SCHEDULE (Annexure – V) IX. UNDER GROUND EXCAVATIONS 5 Dewatering after HRT breakthrough	<p>Dewatering after HRT breakthrough for which time-related cost compensation is admissible under Clause 3.5 of GCC & PCC read with Clause 4.27 of PCC, please clarify whether such compensation shall include cost arising due to idling of manpower and plant</p>	<p>Bid conditions shall prevail.</p>						

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification						
				during prolonged dewatering operations and associated stoppages.							
126.	Section 3, PCC	85 (Vol 2)	RISK ALLOCATION SCHEDULE (Annexure – V) IX. UNDER GROUND EXCAVATIONS	It is requested to provide EOT and cost incurred by the Contractor in case of delay caused in taking measures to handle harmful gases out of construction activities.	Bid conditions shall prevail.						
127.			<table border="1"> <tr> <td>7</td> <td>Emission of harmful gases out of construction activities</td> <td>Delay in Construction</td> <td>-Provisions of effective exhaust system -Keeping arrangement of oxygen cylinders and other first aid things</td> <td>Nil</td> <td>All</td> </tr> </table>	7	Emission of harmful gases out of construction activities	Delay in Construction	-Provisions of effective exhaust system -Keeping arrangement of oxygen cylinders and other first aid things	Nil	All	Emission of harmful gases out of construction activities for which time-related cost compensation is admissible under Clause 3.5 of GCC & PCC read with Clause 4.27 of PCC, please clarify whether such compensation shall include cost arising due to idling of manpower and plant during prolonged dewatering operations and associated stoppages.	Bid conditions shall prevail.
7	Emission of harmful gases out of construction activities	Delay in Construction	-Provisions of effective exhaust system -Keeping arrangement of oxygen cylinders and other first aid things	Nil	All						
128.	Section 3, PCC	86 (Vol 2)	RISK ALLOCATION SCHEDULE (Annexure – V) X. GENERAL HAZARDS 1 Opposition by the land rehabilitees.	As per the Risk Allocation Schedule, stoppage of work due to opposition by land rehabilitees is admissible only for Extension of Time and no time-related cost is payable. This effectively shifts the entire financial burden of prolonged site closure onto the Contractor. In case such stoppage continues for a prolonged period, the Contractor will have to bear manpower, plant and overhead costs without any compensation, which is commercially unsustainable. The Employer is requested to consider allowing time-related cost compensation in such cases.	Bid conditions shall prevail.						
129.	Section 3, PCC	86 (Vol 2)	RISK ALLOCATION SCHEDULE (Annexure – V)	It is requested to provide EOT and cost compensation for such scenario of non-availability of explosives in time due to security reasons.	Bid conditions shall prevail.						

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification						
			<p>X. GENERAL HAZARDS</p> <table border="1"> <tr> <td>4.</td> <td>Non availability of explosives in time due to security reasons.</td> <td>Delay in construction</td> <td>Liaison with administrative authorities</td> <td>Nil</td> <td>All</td> </tr> </table>	4.	Non availability of explosives in time due to security reasons.	Delay in construction	Liaison with administrative authorities	Nil	All		
4.	Non availability of explosives in time due to security reasons.	Delay in construction	Liaison with administrative authorities	Nil	All						
130.	Section 3, PCC	86 (Vol 2)	<p>RISK ALLOCATION SCHEDULE (Annexure – V)</p> <p>X. GENERAL HAZARDS</p> <table border="1"> <tr> <td>4.</td> <td>Non availability of explosives in time due to security reasons.</td> <td>Delay in construction</td> <td>Liaison with administrative authorities</td> <td>Nil</td> <td>All</td> </tr> </table>	4.	Non availability of explosives in time due to security reasons.	Delay in construction	Liaison with administrative authorities	Nil	All	Kindly allow to Extension of time (EOT) against this, on occurrence of the risk during construction.	Bid conditions shall prevail.
4.	Non availability of explosives in time due to security reasons.	Delay in construction	Liaison with administrative authorities	Nil	All						
131.	Section 3, PCC	86 (Vol 2)	<p>RISK ALLOCATION SCHEDULE (Annexure – V)</p> <p>X. GENERAL HAZARDS</p> <p>6 Stoppage / delay of work consequent upon the Govt. orders other than default of Contractor</p>	For stoppage or delay of work consequent upon Government orders other than default of the Contractor, for which Extension of Time is admissible under Clause 8 of GCC & PCC, please clarify whether cost arising due to idling of manpower and plant during such stoppage shall be determined under Clause 3.5 of GCC & PCC read with Clause 4.27 of PCC.	Bid conditions shall prevail.						
132.	Section 3, PCC	87 (Vol 2)	<p>RISK ALLOCATION SCHEDULE (Annexure – V)</p> <p>X. GENERAL HAZARDS</p> <p>8 Damage to third parties due to construction of Project road provided the damage is not due to fault of Contractor</p>	For damage to third parties arising due to construction of the Project road, where such damage is not attributable to fault of the Contractor, please clarify whether compensation payable to third parties shall be borne by the Employer and reimbursed to the Contractor, as indicated under Annexure-V.	Bid conditions shall prevail.						
133.	Section 3, ATT, Annexure-VII	89 (Vol 2)	ESCROW ACCOUNT AGREEMENT	Bidder submits, with site specific escrow accounting, contractor face severe problems in managing funds. Contractor needs to divert a considerable fund at initial stage, which remain locked in the project for long period, causing problems in contractor's other requirements.	Bid conditions shall prevail.						

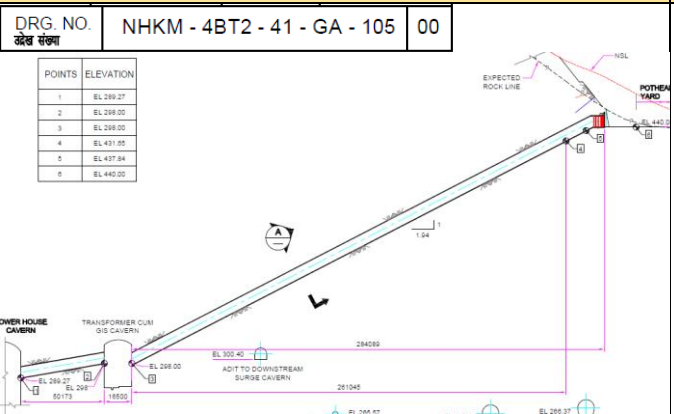
Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
				Hence Bidder kindly request you to delete this provision and allow the fund managed by the corporate account of the contractor. Please confirm.	
134.	Section 4, Forms & Procedures	212-213 (Vol 2)	BANK GUARANTEE FORM FOR RELEASE / PAYMENT OF RETENTION MONEY	It is requested to add this NWC clause in Bank Guarantee Form for Release/Payment of Retention Money: “Notwithstanding anything contained herein: i. Our liability under this Bank Guarantee shall not exceed _____ . ii. This Bank Guarantee shall be valid up to _____ . iii. We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if Employer serve upon Bank a written claim or demand on or before _____ (@) _____ .”	Bid conditions shall prevail.
135.	Section 5, BOQ	(Vol 3)	Bill of Quantities	It is noted that the BOQ provides consolidated quantities for Surface Works and Underground Works. For clear understanding, verification, and construction planning, it is requested to provide component-wise quantities of Surface Works and Underground Works separately for Lot-2.	The BOQ is provided in the form of consolidated quantities for Surface Works and Underground Works as a standard Practice. Quantities for different structures of surface and underground may be assessed from Tender

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
					drawings for construction planning.
136.			Inclusion of Preliminaries in BOQ	<p>Considering the substantial upfront Investment required in this project, we request you to incorporate the following items in the BOQ.</p> <p>*Payment towards submission of Bank Guarantees and Insurances.</p> <p>*Payment against commissioning of critical equipments such as Crusher Plant, Batching Plant and Concrete Placement System.</p> <p>Please confirm.</p>	Bid conditions shall prevail.
137.	Section 6, Tech. Specs., B8.1 (4)	229 (Vol 4) The planning of the jet grouting shall be in consonance with the construction of the TRT outlet coffer dyke and proposed excavation of the TRT outlet structures.	As per the scope of works defined in the Tender document & BoQ, we understand that the scope of works does not include the Jet grouting works. Hence kindly modify these provisions of the tender documents.	Yes, scope of work not include the Jet Grouting. The Details of Jet grouting is available in a standard technical specification.
	Section 6, Tech. Specs., B8.4.3/8.5.4 (2)	247 (Vol 4)	With his tender, the Contractor shall submit detailed plans and descriptions of all the following matters related to the construction of the jet grout curtain:		
	Section 6, Tech. Specs., B8.4.3/8.5.4 (3)	248 (Vol 4)	With his tender, the Contractor shall include in his proposal a preliminary method statement established by the Specialised Contractor. This document shall include:		

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
138.	Section 6, Tech. Specs., B15.10.2.1 (12)	372 (Vol 4)	The proposed “Acoustic Modular Designer Control Room Interiors with Modular Metal Panelling and Designer Metal Ceiling” should be assessed from an authorized practitioner of LCA for environmental impacts associated with all the stages of a product's life for cradle to gate with end of life. Valid report/document from UL/Intertek to be submitted along with bid.	The requirement of “... .. report/document to be submitted along with bid” may be deleted since hiring such agency & preparation of report/document during bidding stage may not be feasible/ required. The sentence may be revised as below: “... .. Valid report/document from UL/Intertek to be submitted along with bid <u>3months prior to commencement of respective construction activity at site.</u> ”	The information for modular control room has been included in the technical specification considering the difficulty faced in past projects. Required documents need to submitted so that all bidder shall be at equal platform.
139.	Section 6, Tech. Specs., B19.2	503 (Vol 4)	The contractor shall propose in his bid, an experienced plumbing and boring consulting engineer, who shall design bore well and pump for water supply, water supply and sewage management system for Powerhouse complex and shall assist the Employer in the supervision of works to be extended by the contractor.	We request to avoid the requirement of proposing the name of the “plumbing and boring consulting engineer “and the same maybe modified as below: “The contractor shall propose in his bid <u>3months prior to commencement of respective construction activity at site</u> , an experienced plumbing and boring consulting engineer,”	Required documents need to submitted so that all bidder shall be at equal platform.
140.	Section 7, Tender Drawings	9 (Vol 5 Part 2)	Tender drawing – Project layout plan – Dwg no. NHKM – 1AT2-41-GA-002	The dimensions of the pressure shaft top erection gallery is indicated as 21,000 mm (L) × 9,500 mm (W) × 12,500 mm (H). However, the finished diameters of the pressure shafts comprise six shafts of 7.100 m diameter and two shafts of 6.500 m diameter.	The dimensions of the each pressure shaft top erection gallery is 21,000 mm (L) X9500mm(W) X12500mm(H). The greater width of

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
				<p>The excavated diameter of each pressure shaft will be approximately 9.0 m, with a backfill concrete thickness around the steel liner of about 800 mm. To ensure safe and adequate access up to the last pressure shaft for the movement of personnel and machinery during excavation and concreting, the specified width of the upper erection gallery may not be sufficient. From a safety perspective, the width should be approximately 15,000 mm. We request that this be reviewed.</p> <p>In addition, the length of the gallery may also be reviewed in line with the above considerations.</p>	<p>pressure shaft top erection gallery is required for access if pressure shaft erection gallery is within Pressure shaft top Adit. In the project layout separate 8 nos. pressure shaft top erection gallery is envisaged for each pressure shafts. For working requirement 3000 mm length is available downstream of pressure shaft of excavated dia 8900mm for placing support system of equipments at the dead end of pressure shaft top erection gallery. For logistic requirement minimum 9000 mm length is available for each</p>

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification			
					pressure shaft top erection gallery from the Adit. Hence dimensions of the each pressure shaft top erection gallery is adequate and not require any change.			
141.	Section 7, Tender Drawings	50 (Vol 5 Part 2)	<p>DRG NO. NHKM 3KT2 41 GA 050 00</p>	The rock cover between pressure shaft erection gallery and pressure shaft top bend is very small (approx. <10m). It is requested to review the possibility of lowering and merging the pressure shaft erection gallery with pressure shaft top.	Bidder is required to plan as per tender drawing as lowering and merging the pressure shaft erection gallery with pressure shaft top will block the access to other pressure shafts during construction.			
142.	Section 7, Tender Drawings	107 (Vol 5)	<table border="1"> <tr> <td>DRG. NO. ଅକ୍ଷର ସଂଖ୍ୟା</td> <td>NHKM - 4BT2 - 41 - GA - 099</td> <td>00</td> </tr> </table>	DRG. NO. ଅକ୍ଷର ସଂଖ୍ୟା	NHKM - 4BT2 - 41 - GA - 099	00	The invert level of point ADTR5 (Adit to TRT) is EL 256.22m whereas the invert level of point AX6 (Aux. TRT) is EL 263.32m. Since the Adit is proposed for construction of Aux. TRT, the level corresponding to intersection points shall be same. However, as per current alignment, the Adit is passing approx. 8m below the Aux. TRT alignment. Hence kindly clarify/ revise the said drawings.	Invert levels provided in said drawings are correct and bidders need to plan the construction methodology accordingly.
	DRG. NO. ଅକ୍ଷର ସଂଖ୍ୟା	NHKM - 4BT2 - 41 - GA - 099	00					
	Section 7, Tender Drawings	108 (Vol 5)	<table border="1"> <tr> <td>DRG. NO. ଅକ୍ଷର ସଂଖ୍ୟା</td> <td>NHKM - 4BT2 - 41 - GA - 100</td> <td>00</td> </tr> </table>	DRG. NO. ଅକ୍ଷର ସଂଖ୍ୟା	NHKM - 4BT2 - 41 - GA - 100	00		
DRG. NO. ଅକ୍ଷର ସଂଖ୍ୟା	NHKM - 4BT2 - 41 - GA - 100	00						
Section 7, Tender Drawings	129 (Vol 5)	<table border="1"> <tr> <td>DRG. NO. ଅକ୍ଷର ସଂଖ୍ୟା</td> <td>NHKM - 4DT2 - 41 - GA - 121</td> <td>00</td> </tr> </table>	DRG. NO. ଅକ୍ଷର ସଂଖ୍ୟା	NHKM - 4DT2 - 41 - GA - 121	00			
DRG. NO. ଅକ୍ଷର ସଂଖ୍ୟା	NHKM - 4DT2 - 41 - GA - 121	00						

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
143.	Section 7, Tender Drawings	113 (Vol 5)	<p>DRG. NO. NHKM - 4BT2 - 41 - GA - 105 00 </p>	<p>The length of Cable Tunnel is more than 300m and excavation of the same in this steep inclination will be a very time & cost consuming activity. Also, it will be highly difficult task to tackle any geological occurrences due to non-suitable gradient for heavy equipment. We recommend to convert the alignment of the same into "Horizontal + Vertical" limbs.</p>	<p>No change is envisaged as proposed by bidder in alignment of Cable tunnel.</p>
144.	Section 8, Data Sheets-3	8 (Vol 6)	<p>Equipment and Plants: *1: Classify as I for owned (Lead Partner or other Partner), or II to be leased and III to be purchased. The proposed old Equipment should not be older than 3(three) years.</p>	<p>We request employer to reconsider and remove the provision requiring equipment not be older than three years, and propose that well-maintained machinery in sound working condition regardless of age shall be permitted, provided it meets all functional and safety standards.</p>	<p>Bidder is requested to adhere to the condition & provision made in the tender document.</p>
	Section 3, PCC, Cl. 4.17	23 (Vol 6)	<p>Contractor's Equipment</p> <p>All key equipment as defined in Data Sheet 3C shall be new. In case of other than key equipment, the contractor shall deploy at least 50% new equipment and balance 50% shall not be older than 3 years. If in the opinion of Engineer, the Equipment deployed by the Contractor are old/inapt for carrying out the works and the works are likely to be delayed due to deployment of such Equipment, the Engineer can ask the Contractor to replace such Equipment. Also, based on the nature and exigency of work, Engineer can direct the Contractor to depute such additional Equipment as is deemed necessary for timely completion of Works without any cost to the</p>	<p>Please confirm.</p>	

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
			<p>Employer whatsoever on account of replacement of old Equipment and/or deployment of additional Equipment.</p> <p>Equipment should be maintained in good condition and AMC of the key equipment should be given to OEM. The deployment of the equipment shall be monitored with respect to the deployment schedule finalized at the time of bidding/award. In case if Engineer notices any deficiency on the part of Contractor, an amount at the rate of 0.010% of the Accepted Contract Amount per day subject to maximum of 2% (two percent) of the Accepted Contract Amount shall be deducted from running bills till the contractor deploys the specified key equipment as per contract.</p>		
145.	Section 8, Data Sheets-3C	11 (Vol 6)	<p>Construction methods And DATA SHEET – 3C: List of Key Construction Plant /Equipment for Lot-2 Kamala HE Project, Tender Package</p>	<p>1. It is noted that concreting of HRTs (overt and invert) is envisaged to be completed within 7 months by deploying 12 m long tunnel gantries (Dia. 13.6 m / 14.6 m) with one traveller. However, the internal diameter of HRT-1, HRT-2, and HRT-3 is 11.5 m, and that of HRT-4 is 12.5 m. Kindly clarify the basis for the difference in tunnel diameters with respect to the proposed gantry dimensions.</p> <p>2. It is noted (as per “Construction methods”) that a hydraulic tunnel gantry of 12 m length and 11.6 m diameter is proposed for TRT with tunnel diameter of 10.0 m, and a hydraulic tunnel gantry of 12 m length and 9.1 m diameter is proposed for Unit TRT with tunnel diameter</p>	<p>Agreed and accordingly Dia. of Tunnel Gantry has been modified as finished dia of respective tunnels in the revised construction methodology & revised key list of equipment as per Corrigendum No. 4.</p>

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification																								
				of 7.5 m. Kindly clarify the basis for adopting these gantry diameters in relation to the respective tunnel sizes. Also, the Dia. of Gantry in “List of Key Construction Plant /Equipment for Lot-2 Kamala HE Project, Tender Package” is 9m which not same as mentioned in “Construction methods”.																									
146.	Section 8, Data Sheets-3C	11 (Vol 6)	List of Key Construction Plant /Equipment <table border="1"> <tr> <td>13</td> <td>Batching & Mixing Plant, 160 cum./hr.</td> <td>420 KW</td> <td>160</td> <td>Cum/hr</td> <td>1</td> </tr> <tr> <td>14</td> <td>Batching & Mixing Plant, 250 cum./hr.</td> <td>650 KW</td> <td>250</td> <td>Cum/hr</td> <td>1</td> </tr> <tr> <td>15</td> <td>Aggregate Processing Plant 300 TPH</td> <td>780 KW</td> <td>300</td> <td>TPH</td> <td>1</td> </tr> <tr> <td>16</td> <td>Aggregate Processing Plant 500 TPH</td> <td>1300 KW</td> <td>500</td> <td>TPH</td> <td>1</td> </tr> </table>	13	Batching & Mixing Plant, 160 cum./hr.	420 KW	160	Cum/hr	1	14	Batching & Mixing Plant, 250 cum./hr.	650 KW	250	Cum/hr	1	15	Aggregate Processing Plant 300 TPH	780 KW	300	TPH	1	16	Aggregate Processing Plant 500 TPH	1300 KW	500	TPH	1	<p>It appears that the capacity/ number of Batching Plant & Crushing Plant defined in Data Sheet 3C is very high in consideration of the volume of works involved & time period available. Kindly revise the same as below:</p> <ul style="list-style-type: none"> • Batching & Mixing Plant – 120 cum./hr. (1 No) • Batching & Mixing Plant – 60 cum./hr. (1 No) • Aggregate Processing Plant – 240 TPH (1 No) • Aggregate Processing Plant – 120 TPH (1 No) 	Bidder is requested to adhere the condition & provision mentioned in the tender document.
13	Batching & Mixing Plant, 160 cum./hr.	420 KW	160	Cum/hr	1																								
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147.				<p>We wish to bring to your kind notice that in the Key Construction Plant/ Equipment the Capacity of Batching & Mixing Plant is much on the higher side. We request you to review the same.</p> <table border="1"> <tr> <td>13</td> <td>Batching & Mixing Plant, 160 cum./hr.</td> <td>420 KW</td> <td>160</td> <td>Cum/hr</td> <td>1</td> </tr> <tr> <td>14</td> <td>Batching & Mixing Plant, 250 cum./hr.</td> <td>650 KW</td> <td>250</td> <td>Cum/hr</td> <td>1</td> </tr> </table>	13	Batching & Mixing Plant, 160 cum./hr.	420 KW	160	Cum/hr	1	14	Batching & Mixing Plant, 250 cum./hr.	650 KW	250	Cum/hr	1	Bidder is requested to adhere the condition & provision mentioned in the tender document.												
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148.				<p>We wish to bring to your kind notice that in the Key Construction Plant/ Equipment the Capacity of Aggregate Processing Plant is much on the higher side. We request you to review the same.</p> <table border="1"> <tr> <td>15</td> <td>Aggregate Processing Plant 300 TPH</td> <td>780 KW</td> <td>300</td> <td>TPH</td> <td>1</td> </tr> <tr> <td>16</td> <td>Aggregate Processing Plant 500 TPH</td> <td>1300 KW</td> <td>500</td> <td>TPH</td> <td>1</td> </tr> </table>	15	Aggregate Processing Plant 300 TPH	780 KW	300	TPH	1	16	Aggregate Processing Plant 500 TPH	1300 KW	500	TPH	1	<p>Bidder is requested to adhere the condition & provision mentioned in the tender document.</p>																		
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149.	Section 8, Data Sheets-3C	11-12 (Vol 6)	List of Key Construction Plant /Equipment	<p>We understand that the list of Equipment given in the Data Sheet-3C is for indicative purposes only (not mandatory) and the contractor can propose the required plant and equipment of suitable capacities based on their cycle time and construction methodology. Please confirm</p>	<p>Please refer Corrigendum No. 4.</p>																														
150.	Section 8, Data Sheets-3C	12 (Vol 6)	List of Key Construction Plant /Equipment <table border="1"> <tr> <td>24</td> <td>Tunnel gantry of 11.8 m dia.-Hydraulic with 1 Traveller</td> <td>-</td> <td>-</td> <td>-</td> <td>2</td> </tr> <tr> <td>25</td> <td>Tunnel gantry of 9 m dia.- Hydraulic with Traveller</td> <td>-</td> <td>-</td> <td>-</td> <td>2</td> </tr> <tr> <td>26</td> <td>Hydraulic Tunnel gantry form of 14.6 m dia. 12 m long with 1 traveller- Hydraulic</td> <td>-</td> <td>-</td> <td>-</td> <td>1</td> </tr> <tr> <td>27</td> <td>Hydraulic Tunnel gantry form of 13.6 m dia. 12 m long with 1 traveller- Hydraulic</td> <td>-</td> <td>-</td> <td>-</td> <td>3</td> </tr> <tr> <td>28</td> <td>Tunnel gantry 5 m dia.- Mechanical</td> <td>-</td> <td>-</td> <td>-</td> <td>1</td> </tr> </table>	24	Tunnel gantry of 11.8 m dia.-Hydraulic with 1 Traveller	-	-	-	2	25	Tunnel gantry of 9 m dia.- Hydraulic with Traveller	-	-	-	2	26	Hydraulic Tunnel gantry form of 14.6 m dia. 12 m long with 1 traveller- Hydraulic	-	-	-	1	27	Hydraulic Tunnel gantry form of 13.6 m dia. 12 m long with 1 traveller- Hydraulic	-	-	-	3	28	Tunnel gantry 5 m dia.- Mechanical	-	-	-	1	<p>It appears that the dia. Of Tunnel Gantry mentioned is the excavated dia of Tunnel. Kindly modify the dia as finished dia of respective Tunnels.</p>	<p>Agreed and accordingly Dia. of Tunnel Gantry has been modified as finished dia. of respective tunnels in the revised construction methodology & revised key list of equipment</p>
24	Tunnel gantry of 11.8 m dia.-Hydraulic with 1 Traveller	-	-	-	2																														
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					(Corrigendum No. 4).																																
151.	Section 8, Data Sheets-4A	15 (Vol 6)	<p>PROPOSED SPECIALIZED AGENCIES</p> <table border="1"> <thead> <tr> <th>Section of Work</th> <th>Reference to Technical Specification</th> <th>Name(s) & Address</th> <th>Description and Location of Similar Works previously executed</th> </tr> </thead> <tbody> <tr> <td>Excavation of shaft by Raise Boring</td> <td>3 8.8 (6)</td> <td></td> <td></td> </tr> <tr> <td>Post-Tensioned Rock bolt (Tendons)</td> <td>4.5.1 (5)</td> <td></td> <td></td> </tr> <tr> <td>Pipe Roofing</td> <td>4.9 2 (6)</td> <td></td> <td></td> </tr> <tr> <td>Building and Architectural works</td> <td>15.2 (1)</td> <td></td> <td></td> </tr> <tr> <td>water supply and Sewage management system</td> <td>19.2 (1)</td> <td></td> <td></td> </tr> <tr> <td>Monitoring Instruments</td> <td>18.1.1 (10)</td> <td></td> <td></td> </tr> <tr> <td>3D TSP(Tunnel Seismic Prediction) Test</td> <td>18.7.1 (ii) (3)</td> <td></td> <td></td> </tr> </tbody> </table> <p><i>Note: The Bidder shall propose Specialized agencies for each section of the work mentioned above, out of which one qualified agency shall be deployed for execution of the such work. Credentials and Work Experiences of each agency are to be submitted with bid.</i></p>	Section of Work	Reference to Technical Specification	Name(s) & Address	Description and Location of Similar Works previously executed	Excavation of shaft by Raise Boring	3 8.8 (6)			Post-Tensioned Rock bolt (Tendons)	4.5.1 (5)			Pipe Roofing	4.9 2 (6)			Building and Architectural works	15.2 (1)			water supply and Sewage management system	19.2 (1)			Monitoring Instruments	18.1.1 (10)			3D TSP(Tunnel Seismic Prediction) Test	18.7.1 (ii) (3)			Kindly delete the “water supply and Sewage management System” from the list since the same is part of “Building & Architectural works” (already part of Data Sheet-4A) and obtaining/producing “experience certificates” specific to such minor works is not generally practiced.	As per SECTION B.15 of Technical specification "Building & Architectural works" does not include the "Water supply and Sewage Management System". Please refer SECTION B.19 of Technical Specification and BOQ for "Water supply and Sewage Management".
Section of Work	Reference to Technical Specification	Name(s) & Address	Description and Location of Similar Works previously executed																																		
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152.				<p>As in many underground works, items like Post-Tensioned Rock bolt (Tendons), Rock bolting, Pipe roofing, Excavation of shaft by Raise Boring, Building and Architectural works, water supply and Sewage management system, are to be executed commonly by contractors.</p> <p>We understand that for the above work specialized agency is not mandatorily required if the contractor has similar experience/credentials from previous projects. Kindly confirm.</p>	Bidder shall submit the Specialized agencies at the time of bid submission itself as per the tender requirement.																																
153.			As per Tender Document Bidder shall submit the Specialized agencies at the time bid submission.	We request to accept the Undertaking at the time bid submission and the details of specialized	Bidder shall submit the Specialized																																

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
				agencies may be permitted to be submitted at least 90 days prior to commencement of their respective works.	agencies at the time of bid submission itself.
154.	Section 8, Data Sheets	22 (Vol 6)	B. VERTICAL PRESSURE SHAFT: Eight steel lined circular Pressure shafts of 7.1 m dia. (PS1, PS2, PS5 to PS8) and 6.5m dia. (PS3 to PS4) and vertical height 127 m each are proposed to be constructed through Raise Borer by making a pilot hole of 450 mm dia. which is further reamed to 1.8 m dia.	Since the depth of shaft is comparatively low (Pressure Shaft=127.05m, Draft Tube Gate Shaft=57.2m) and time available is adequate, we understand that the excavation of Shaft will be possible by Drill & Blast in Top-Down method without requirement of the pilot. Since Raise Boring requires access at bottom, establishing the same for Pressure Shaft though very long Adit / MAT will take considerable time to commence this activity as evident from the Construction Schedule included in the bid by the Employer (PS1030-starting from 36 th month). Also, the cost of Raise boring is extremely high in comparison to Top down Drill Blast method and will bring substantial saving to the overall bid price. Hence the mandatory requirement of Raise Boring may be deleted from the bid documents (Data Sheet-6, Data Sheet-3C, Data Sheet 4A, TS, Drawings, BoQ, etc).	Bidder is requested to adhere the provision of Raise Borer equipment mentioned in the tender document for excavation of all Pressure Shafts.
	Section 8, Data Sheets	25 (Vol 6)	7. DRAFT TUBE GATE OPERATION CHAMBER: Construction of draft tube GOC shall be done by conventional Drilling & blasting method and gate shafts shall be constructed by initially excavating Pilot hole with Raise borer and then doing further enlargement/slashing with Air Track/ Wagon drill/ Jack hammer.		Excavation of Draft tube Gate shaft may be done by Raise Borer/ Top down DBM method depending upon the availability of access at bottom, which has also been indicated in the revised Construction Methodology (Corrigendum No. 4).
	Section 8, Data Sheets-3C	11 (Vol 6)	List of Key Construction Plant /Equipment		Bidder is requested to adhere to the condition &

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification						
			<table border="1"> <tr> <td>8</td> <td>Raise Borer</td> <td>300KW</td> <td>0.5</td> <td>M/Hr</td> <td>1</td> </tr> </table>	8	Raise Borer	300KW	0.5	M/Hr	1		provision made in the tender document.
8	Raise Borer	300KW	0.5	M/Hr	1						
155.	Section 8, Data Sheets-6	22 (Vol 6)	B. VERTICAL PRESSURE SHAFT: Similarly, one steel lined auxiliary vertical pressure shaft of 2.5 m diameter and 48 m length is excavated.	The details of auxiliary vertical pressure shaft are not available in Tender Drawings. Kindly provide the detailed drawing of the same.	Typographical error & rectified in the revised Construction Methodology.						
156.	Section 8, Data Sheets-7	28 (Vol 6)	9. POT HEAD YARD: An outdoor Pot head yard of size- 210 m (L) x 50m (W) has been envisaged at EL. 440 m.	We understand that the dimension of Pothead Yard will be as per Tender Drawing (i.e. Pothead Yard Area=135 M x 50 M DG Area=65M X 30.6M). Kindly confirm..	Typographical error & rectified in the revised Construction Methodology.						
	Section 7, Tender Drawings	150 (Vol 5)	<table border="1"> <tr> <td>DRG. NO.</td> <td>NHKM - 4ET2 - 41 - GA - 142</td> <td>00</td> </tr> </table>	DRG. NO.	NHKM - 4ET2 - 41 - GA - 142	00					
DRG. NO.	NHKM - 4ET2 - 41 - GA - 142	00									
157.	General		Power Intake	It is requested to the employer to share the excavation drawings showing interface between the Power Intake & Dam.	Drawing showing Excavation plan of Power intake and Dam is enclosed as Annexure-2.						
158.	General		Dykes at the TRT Outfall	Kindly clarify whether there is any provision for Dykes at the TRT Outfall.	There is no provision of dykes at the TRT outfall. Provision of Temporary construction ledge has been kept as shown in the Tender Drawing.						
159.	General		Construction Schedule – Monsoon Period	Kindly clarify what period is considered as the monsoon period in the project schedule, as the same is required for effective planning and sequencing of construction activities.	June to September period (4 Months) is considered as monsoon period.						

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
160.	General		Route Survey & relevant details	We understand that client shall be responsible for project accessibility throughout the year. If available, we request you to share the route survey and related details to enable assessment of logistics feasibility and uninterrupted movement of construction equipment and materials.	<p>The Project is well connected with Trans Arunachal Highway (NH13) from Harmoti/ Naharlagun. The distance from Itanagar to Project site is approx. 165 km.</p> <p>The Project site is located just 4km upstream of Tamen bridge over Kamala river in Kamle district, Arunachal Pradesh.</p>
161.	General		Coordinate and Contour Drawings	Drawings are provided in local coordinates. It is requested to provide global co-ordinate and contour drawings. Additionally, Georeferenced KMZ file of the complete project site shall also be provided for visualization in GIS/Google Earth platforms.	<p>KMZ file of the complete project sites is enclosed for visualization in GIS/Google earth. Link for KMZ file is as below:</p> <p>https://drive.google.com/file/d/1QTEzjXusTyVfzcatEGbZdwxlxo4sFyPN/view?usp=sharing</p>

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
162.	General		Drawings	We request employer to upload the drawings in AUTOCAD Format. Please Confirm.	Specific information not available in Tender drawings may be enquired. Tender drawings in AUTOCAD format are generally not shared as a standard Practice.
163.			AUTOCAD Drawings	It is requested to provide the AUTOCAD Files of the Provided Drawings in the Tender Document.	Specific information not available in Tender drawings may be enquired. Tender drawings in AUTOCAD format are generally not shared as a standard Practice.
164.	General		Status of Mandatory Clearances	It is requested to confirm the present status of following 1) PIB and CCEA Clearance 2) MoEF Clearance 3) Land Acquisition 4) Rehabilitation & Re-Settlement Status 5) Any other (like defense etc.) We construe that all the above approvals shall be obtained by the Employer prior to the Effective Date and any delays in the same shall entitle the Contractor for extension of time and Cost compensation. Request to kindly confirm.	The present status of the project is given as under: 1) PIB and CCEA clearance The Public Investment Board (PIB) meeting has been held on 06.01.2026, and the Minutes of Meeting (MoM) has been

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
					<p>issued. CCEA clearance is expected shortly.</p> <p>2) MoEF Clearance:</p> <p>The Govt. of Arunachal Pradesh has forwarded the proposal with recommendation for diversion of Forest Land to the Secretary, Govt. of India, MoEF&CC, New Delhi on 16.10.2025. Site inspection by DDG, MoEF Regional Office, Shillong has been carried out on 12.02.2026 in connection to FC1 clearance.</p> <p>FC-1 is anticipated in Feb/ Mar 2026 and FC-II is expected shortly.</p> <p>The EAC has been held on 28.01.2026</p>

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
					<p>for grant of Environment clearance and EAC has recommended the proposal for Environment Clearance (EC). EC is expected shortly.</p> <p>3) Land acquisition Land Acquisition activities of the Project are in advanced stage. Property survey in Kamle, Kra Daadi and Kurung Kumey districts have been completed, and data compilation by District Administration for the estimation of compensation is in process</p> <p>4) Rehabilitation and Resettlement status</p>

Sl. No	Clause No.	Page No.	Description as per Tender Specification	Bidders Queries	NHPC's Reply / Clarification
					<p>District Administration is in process of formulation of R&R Plan.</p> <p>5) Any other (like Defense etc.) Techno Economic Clearance (TEC) accorded by CEA on 23.05.2025. Defence Clearance has been accorded on 28.03.2025</p> <p>Time extension shall be dealt as per the conditions of Contract.</p>
165.	General		LAND ACQUISITION	<p>We request employer to provide us the current status of land acquisition of the project.</p> <ol style="list-style-type: none"> 1. Government Land 2. Forest Land 3. Private Land <p>Please confirm.</p>	<p>Land Acquisition activities of the Project are in advanced stage. Property survey in Kamle, Kra Daadi and Kurung Kumey districts have been</p>

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166.				We, request you to provide the information regarding the Land Acquisition status for this package.	completed, and data compilation by District Administration for the estimation of compensation is in process It is expected that the land shall be available with NHPC prior to commencement date.
167.	General		Detailed Project Report	We request Authority to provide the DPR for better assessment of the project. Please confirm.	Specific information not available in IFB may be enquired. DPR are generally not shared as a standard Practice.
168.	General		Likely date of award	Kindly inform likely date of award of contract to plan for the resources according to the stat date.	The bid opening dates is provided in the bidding documents.
169.	General		KMZ File	We request Employer to provide the KMZ file of the Project. Please Confirm.	Link for KMZ file is as below: https://drive.google.com/file/d/1QTEzjXusTyVfzcatEGbZdwxIxo4sFyPN/view?usp=sharing
170.				It is requested to provide the KMZ File.	

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171.	General		Geo-Technical Report	We request Employer to provide the Geo-Technical Report of the Project. Please confirm.	Please refer IFB Vol-1 of tender document.
172.	General		Rock mass classification	We request Employer to provide the percentages of good and poor rock anticipated in the tunnel and underground structures. Please confirm.	Please refer IFB Vol-1 of tender document.
173.	General		Hydraulic Parameters	We request Employer to kindly provide the required Hydraulic Parameters as follows: <ul style="list-style-type: none"> • High Flood Level (HFL) • Low Water Level (LWL) • Design Discharge • Velocity of flow • Silt factor • Scour level, etc., Please confirm.	Enquiry from bidder is not properly understood. It is for Project structures hydraulics or river hydraulics. Information related to Project Hydraulic is available in Information to Bidder. For River hydraulics information such as HFL, LWL and other information may be found by bidder from project/ site visit.
174.	General		Mining permissions	We presume that the mining permissions related rock quarry will be obtained by the Employer well before the commencement of the work.	The Project is in process of preparation of the mining plan and approval thereof from the Competent

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					<p>Authority of the State Govt. The mining plan approval shall be in place before start of quarry operations upon award of work. However, if EC is required/ applicable, then the same shall have to be obtained by Contractor.</p> <p>Also, contractor shall obtain all necessary statutory clearances / consent for mining from the appropriate statutory body as applicable for mining / quarrying operation for the project.</p>
175.	General		Material Advance	We request Employer to provide Material advance for Major material like Cement, Reinforcement for at least 80% of cost of materials delivered at site in order to maintain the required cashflow for the project execution. Please confirm.	Bid conditions are clear in this regard. Bid conditions shall prevail.
176.	General		RBM Material	During our recent site visit, we observed that lot of RBM (River Bed Material) is deposited along the river banks within the project vicinity.	Bid conditions are clear in this regard.

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				We request to confirm whether this available RBM may be extracted and utilized for construction purposes.	