

Pre-bid Clarifications No. 1 Dated 24.12.2024 to Pre-bid queries on stipulations of Bid Document against NIB No. 457 Dated 25-10-2024 for "Package-I: Construction of Civil Works on Item Rate for Tato-I Hydro Electric Project, Arunachal Pradesh, comprising of Headworks & allied works, Head Race Channel, Head race Pipe, Intake, Headrace tunnel, Surge shaft, Pressure shaft, Valve house, Power house & allied works and Infrastructure works"

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid Queries of Bidders	NEEPCO's Clarifications
1	Part-2 Information for Bidders , Cl. No.1.8 Access Road within Project Area	NEEPCO shall provide approach road up to the weir and Power House location.	Bidder understand that the roads up to weir & powerhouse location are under construction and the same shall be handover to successful bidder on project commencement date or LOA issued to Contractor. Also, please confirm the proposed road width so that bidder can assess the construction feasibility.	Shall be clarified in the Pre-Bid Meeting
2	Part-2 Information for Bidders , Cl. No.1.8 Access Road within Project Area	Approach to HRT Intake and Surge Shaft locations shall be constructed by the contractor and the same shall be paid under the respective BOQ Items.	Kindly provide the length of the roads considered in the BOQ.	The roads considered in the BoQ are specified in relevant contract documents (Information to Bidders). The bidder may assess the same from the layout plan of the project (as per contour).
3	Part-2 Information for Bidders Cl. No.1.8 Access Road within Project Area	Construction of all other roads like quarry roads, road to dumping yard, approach to adits, contractor's colony roads, road to crusher & batching plants, etc. and maintenance of all the above stated roads shall be the responsibility of the contractor and no payment on this account shall be made separately. The cost of the same shall be loaded in the contract rate.	Land required for construction of temporary road to quarry site, dumping site, adits and contractor's infrastructure works shall be acquired by the client and made available to contractor on the date of award of works so as to mobilize and commence of works within stipulated time period. Request to confirm please. Permanent roads specification provided in the tender are also considered for Temporary roads. Request to confirm please.	Bidder's understanding regarding land requirement has been confirmed. Regarding temporary roads, Cl. No. 18.1 of the technical specifications may be referred. Requirement of the temporary approach roads & haul roads and their specifications shall be assessed by the bidder based on their own judgement & functional requirements.
4	Part-2 Information for Bidders Cl. No.1.11 Component wise Geology & Geotechnical Assessment	-	Bidder request to provide geological baseline report of the project to familiarize with the geological conditions and risk involved for the development of civil works.	As sought for, the data available in DPR are enclosed. These data are provided on request of the bidder and shall not form part of the bid documents. Further, these data shall not form any basis for extra claim during execution.

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5	Part-2 Information for Bidders Cl. No.1.11.1 Diversion weir and Intake channel	At the weir site, while the abutments are set in rock, river-borne material (RBM) is visible in the river bed. The weir will be founded on rock, anticipating the bedrock at a depth of approx.10m in the river bed.	Kindly provide field photos and bore log data for better estimation of the river borne material depth.	As sought for, the data available in DPR are enclosed. These data are provided on request of the bidder and shall not form part of the bid documents. Further, these data shall not form any basis for extra claim during execution.
6	Part-2 Information for Bidders Cl. No.1.11.2 Head Race Channel/Head Race Pipe	Drilling exploration hole intersected river terrace material and reached bedrock at a depth of about 26 meters which is about 21.5m below the channel, confirming the presence of stable terrace material.	Please provide exploratory borehole log data to develop construction program.	As sought for, the data available in DPR are enclosed. These data are provided on request of the bidder and shall not form part of the bid documents. Further, these data shall not form any basis for extra claim during execution.
7	Part-2 Information for Bidders Cl. No.1.11.3 Head Race Tunnel	Groundwater levels near Pirpit Korang Nala indicate higher subsurface water, particularly where the tunnel cuts through quarzitic gneiss, known for its brittleness and jointed nature.	Kindly confirm the rate of seepage in the HRT near Pirpit Korang Nala Crossing so that necessary proactive measures shall be considered during bid submission.	The bidder shall make their own assessment.
8	Part-2 Information for Bidders Cl. No.1.11.3 Head Race Tunnel	Geological analysis categorizes the tunnel's surrounding rock quality predominantly between Fair (Q:4-10) and Good (Q:10-40), with sections of Poor (Q:1-4) and occasionally Very Poor (Q:0.1-1) rock mass.	Kindly provide rock class percentages along the HRT alignment to work out the construction program for the bid submission.	As sought for, the data available in DPR are enclosed. These data are provided on request of the bidder and shall not form part of the bid documents. Further, these data shall not form any basis for extra claim during execution.
9	Part-2 Information for Bidders Cl. No.1.11.4 HRT Adit-1	The proposed Adit-1 is designed to support the excavation of the Head Race Tunnel (HRT). This adit is positioned entirely within quarzitic	Kindly provide rock class percentages along HRT Adit-1 alignment to work out the construction program for the bid submission.	As sought for, the data available in DPR are enclosed. These data are provided on request of the bidder and shall not form part of the bid documents. Further, these

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		gneiss and its portal is situated on the right bank of Pirpit Korang Nala.		data shall not form any basis for extra claim during execution.
10	Part-2 Information for Bidders Cl. No.1.11.5 Surge Shaft & Powerhouse Complex	The surface powerhouse will be established on migmatitic gneiss bedrock, while the short tail race channel will sit in river terrace material, where drill hole reveals a 12.5m thickness of this material.	Please provide exploratory borehole log data to work out construction program for bid submission.	As sought for, the data available in DPR are enclosed. These data are provided on request of the bidder and shall not form part of the bid documents. Further, these data shall not form any basis for extra claim during execution.
11	Part-2 Information for Bidders Cl. No.1.15 Quarry Areas	To meet the requirement of coarse and fine aggregates for all the construction activities, rock shall be obtained from 2(two) nos. of designated quarries as shown in the respective drawing.	As per Drawing No.W.003159-20711-GEN-GAD-7002, Powerhouse quarry area is proposed at about 14 km upstream from powerhouse location. This will cause major hindrance for construction of powerhouse. Bidder request to client to identify and acquire alternative quarry with adequate quantity site nearby powerhouse location for smooth execution of the project.	Name of the 2 (two) quarries are made for identification only and not mandatorily to be used for the structure named. The contractor shall use required quantity of stone from both the quarries as already identified.
12	Part-2 Information for Bidders Cl. No.1.17.7 Land for the contractor's accommodation, installation and storage area	Land for site installations and quarters etc. will be provided by NEEPCO.	Bidder understand that land provided for the contractor infrastructure works and accommodation facilities shall be free of cost and the same shall be handover to contractor after award of works. Request to confirm please.	Bidder's understanding in this regard is confirmed.
13	Part-3 Instructions to Bidders Cl. No. 6 Site Visit & Pre-bid Conference	f. The limit and extent of surface and sub-surface water to be encountered during the performance of the Works and the requirement of drainage and pumping.	Bidder will conducting a site visit need to understand the scope w.r.t site locations and site conditions viz; soil strata, geology, topography, available and possible approach roads, ROU, ROW, borrow and dumping areas, social environment, etc. in general to familiarize with all the required information related to risk including other circumstances which influence/affect the project duration and rates to be quoted within a very short duration. It is therefore requested to Client to provide the data related to sub-surface water encountered during excavation of underground works so that bidder will take necessary measures in the bid submission.	As sought for, the data available in DPR are enclosed. These data are provided on request of the bidder and shall not form part of the bid documents. Further, these data shall not form any basis for extra claim during execution.

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14	Part-3 Instructions to Bidders Cl. No. 3 Royalty	The rates quoted by the bidders shall be inclusive of royalty, monopoly, mahal charges, and octroi (if applicable), that may be levied by the Government or any other body, unless otherwise mentioned herein.	Please provide royalty to be considered for the bid submission.	Bidder shall collect relevant information of prevailing rates of royalties from the concerned authorities of Govt. of Arunachal Pradesh during site visit or otherwise, which may be taken care of for submission of bid. Accordingly, Bid stipulations shall prevail.
15	Part-6: Tender Drawings Part-1 W.003159-20711-GEN-GAD-7003	General Layout Plan	Two nos. of bridges are shown in the General Layout Plan in which 1 no. of Temporary Bridge (TB-1) at the u/s of weir location and 1 nos. of permanent bridge of span 50m at power house location are proposed. Permanent roads up to weir & powerhouse location is in client scope. Bidder understand that to cross the Yarjep river, these proposed bridges are also in the client scope. Request to clarify please.	Bidder's understanding has been confirmed.
16	Part-6: Tender Drawings Part-1 W.003159-20711-GEO-GAD-7001	Geological Map of Weir Site	Seismic Refraction Tomography at weir site have been conducted but no profiles are attached in the tender document. Please provide the geophysical Profiles (Seismic Refraction Tomography) of the project.	As sought for, the data available in DPR are enclosed. These data are provided on request of the bidder and shall not form part of the bid documents. Further, these data shall not form any basis for extra claim during execution.
17	Part-6: Tender Drawings Part-1 W.003159-20711-GEO-GAD-7001	Geological Map of Weir Site	It is observed that two nos. of bridges have been proposed to cross the Yarjep river. One no. on the top of weir and another bridge is just downstream of weir. Bidder understand that these will be constructed by the Client and handover to contractor on project commencement date. Request to confirm please.	The bridge at the downstream of the weir is under the scope of NEEPCO. However, regarding the bridge on the top of the weir, it may be mentioned that the same shall be RCC bridge and under the scope of this tender.
18	Part-6: Tender Drawings Part-1 W.003159-20712-GEO-GAD-7002	Geological Section along Weir Axis	Kindly provide the detailed Borelog (HPH-2) at weir axis.	As sought for, the data available in DPR are enclosed. These data are provided on request of the bidder and shall not form part of the bid documents. Further, these

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				data shall not form any basis for extra claim during execution.
19	Part-6: Tender Drawings Part-1 W.003159-20712- GEO-GAD-7003	Geological Map of Powerhouse Site	Seismic Refraction Tomography at powerhouse site have been conducted but no profiles are attached in the tender document. Please provide the geophysical Profiles (Seismic Refraction Tomography) of the project.	As sought for, the data available in DPR are enclosed. These data are provided on request of the bidder and shall not form part of the bid documents. Further, these data shall not form any basis for extra claim during execution.
20	Part-6: Tender Drawings Part-1 W.003159-20712- GEO-GAD-7003	Geological Map of Powerhouse Site	Exploratory drift has been carried out at Adit-1 portal location. Please share the geological mapping.	As sought for, the data available in DPR are enclosed. These data are provided on request of the bidder and shall not form part of the bid documents. Further, these data shall not form any basis for extra claim during execution.
21	Part-6: Tender Drawings Part-1 W.003159-20712- GEO-GAD-7004	Geological Section along Pressure Shaft	Kindly provide the borelog details of TPH-2, TPH-3 & TPH-4 at pressure shaft.	As sought for, the data available in DPR are enclosed. These data are provided on request of the bidder and shall not form part of the bid documents. Further, these data shall not form any basis for extra claim during execution.
22	Part-6: Tender Drawings Part-1 W.003159-20711- INT-GAD-7002	Power Intake Layout Plan	Please clarify that Seying nala crossing is in the scope of the project.	Yes, the same within the scope of this package work.
23	Part-6: Tender Drawings Part-1 W.003159-20711- HRC-GAD-7001	Head Race Channel & Head Race Pipe General Layout Plan	Please clarify that Seting nala crossing is in the scope of the project.	Yes, the same within the scope of this package work.
24	Part-6: Tender Drawings Part-1 Dwg. No. W.003159-20711- GEN-GAD-7003	Water Conductor System Longitudinal Section	In given L- Section of Head Race Tunnel, low cover has been observed at CH. 2570.880 (Pirpit Korang Nala) , Please confirm the rock cover of Tunnel in this Chainage (Nala).	AutoCAD format of the Tender drawing for L-Section of HRT is enclosed

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25	Part-6: Tender Drawings Part-1 Dwg. No. W.003159-20712-GEO-GAD-7004	Geological Section Along Pressure Shaft	Please provide the depth wise anticipated Rock class of Surge shaft and Pressure shaft and percentages of different rock class of shafts.	As sought for, the data available in DPR are enclosed. These data are provided on request of the bidder and shall not form part of the bid documents. Further, these data shall not form any basis for extra claim during execution.
26	Part-6: Tender Drawings Part-1 Dwg. No. W.003159-20712-GEO-GAD-7004	Geological Section Along HRT	Please provide the Chainage wise anticipated Rock class along the HRT and percentages of different rock class of HRT.	As sought for, the data available in DPR are enclosed. These data are provided on request of the bidder and shall not form part of the bid documents. Further, these data shall not form any basis for extra claim during execution.
27	Part-6: Tender Drawings Part-2 Dwg. No. W.003159-20711-HRT-GAD-7002	Head Race Tunnel- Typical Support System	Please provide types of concrete lining in each rock class.	Refer relevant Technical Specification & BoQ.
28	Part-6: Tender Drawings Part-2 Dwg. No. W.003159-20711-HRT-GAD-7002	Head Race Tunnel- Typical Support System	Please provide typical optional dwgs. of Lattice Girders for Rock Class- IVA, IVB, VA & VB with Fore poling & Pipe roofing.	Refer relevant Technical Specification & BoQ.
29	Part-6: Tender Drawings Part-2 Dwg. No. W.003159-20711-PHS-GAD-7001	Powerhouse Longitudinal section Excavation and Support Details	Please provide Length, Spacing and Capacity of Cable anchors proposed for power house cut slope.	Refer relevant Technical Specification & BoQ. Capacity of Cable Anchor shall be decided as per testing.
30	1. Part-1 Short and Detail NIB 15. Tender Timeline	Last date & time of submission of online bids upto 14:00 Hrs of 12-12-2024	The project is located in an extreme terrain, which will require additional time for the site survey, plan logistic issue In this regard, we kindly request an extension of the bid submission deadline by at least 4 weeks.	Bid Submission Date is extended till 14:00 Hrs of 16.01.2025. <u>Please refer Corrigendum No. 2 Dated 11-12-2024.</u>

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31	4. Part-4 FIDIC GCC PCC PCC 8.7. Delay Damage APPENDIX TO TENDER	At the end of first paragraph of Sub-Clause 8.7, add: Delay Damages shall be recoverable for delay in achievement of Interdependent Contract Milestones at the rate stated in Appendix to Tender. Delay Damages for the Works as a whole. 8.7 0.05% of the Accepted Contract Amount per day of delay in completion of Works as a whole. Maximum amount of delay damages on account of work as a whole as well as Interdependent Contract Milestones 8.7 10% of the Accepted Contract Amount.	Bidder understands that the damages will be imposed if delay occurs due to reasons attributable to the Contractor. In the scenario delay occurs due to Force Majeure and reasons attributable to the Employer no Delay Damages shall be imposed. Kindly Clarify	Bidder's understanding in this regard is confirmed.
32	4. Part-4 FIDIC GCC PCC PCC 1.2 Interpretation	1.2. Interpretation At the end of Sub-Clause 1.2, add: In these Conditions provisions relating to the expression "Cost plus reasonable profit" for example in GCC Clause 1.9, 2.1, 4.7, 7.4, 10.2, 10.3, 11.8, 16.1, the term 'reasonable profit' shall be taken as nil and accordingly the words "Cost plus reasonable profit" shall be substituted by the words "Cost".	Bidder requests Employer to not make reasonable profit "nil" but set an upper cap for the same as making reasonable profit nil will have severe financial impact on the Bidder.	Bid Stipulations shall prevail.

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33	4. Part-4 FIDIC GCC PCC PCC 4.17. Contractor's Equipment	The Contractor shall deploy Construction Equipment not older than 50% of their scheduled life. 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 completion of Works within Time for Completion without anything extra Cost to the Employer whatsoever on account of replacement of old Equipment and/or deployment of additional Equipment.	Bidder understands that the deployment of additional Equipment incurs additional expenditure and hence requests the Authority to specify some a cap beyond which the Bidder will be able to claim additional cost for deployment of additional equipment as directed by the Engineer	As per Bid Stipulation, the contractor has to arrange and deploy any additional equipment to complete the work as per stipulated time of completion. Bid Stipulations shall prevail.
34	4. Part-4 FIDIC GCC PCC APPENDIX TO TENDER 8.1 Commencement of Works	Commencement Date shall be date of issue of Letter of Acceptance (LOA)	We understand that the Commencement date shall be the date of LOA provided Right to Access the Site for the portion to 100 % Project Area is provided.	Commencement date shall be the date of LOA. For Right to access to site, Bid Stipulations of Clause No. 2.1 of GCC/PCC/Appendix to tender shall prevail.

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35	4. Part-4 FIDIC GCC PCC PCC 10.2. Taking Over of Parts of the Works	Last but one para "If the Contractor incurs Cost.... shall be entitled subject to Sub-Clause 20.1 [Contractors Claims] to payment of such Cost-Plus 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 [Contractors 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."	Bidder requests the Employer to not remove Cost plus profit but set an upper cap for Profit as removing profit will have severe financial impact on the Bidder.	Bid Stipulations shall prevail.
36	4. Part-4 FIDIC GCC PCC PCC 10.3. 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".	Bidder requests Employer to not remove reasonable profit but set an upper cap for reasonable Profit as removing the same will have severe financial impact on the Bidder.	Bid Stipulations shall prevail.
37	4. Part-4 FIDIC GCC PCC PCC 11.8. 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"	Bidder requests Employer to not remove reasonable profit but set an upper cap for reasonable Profit as removing the same will have severe financial impact on the Bidder	Bid Stipulations shall prevail.

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38	<p>4. Part-4 FIDIC GCC PCC</p> <p>Bid Document Part-2: Information for Bidders</p> <p>1.8. ACCESS ROAD WITHIN PROJECT AREA</p>	<p>ACCESS ROAD WITHIN PROJECT AREA</p> <p>NEEPCO shall provide approach road up to the weir and Powerhouse location. Approach to HRT Intake and Surge Shaft locations shall be constructed by the contractor and the same shall be paid under the respective BOQ Items.</p> <p>Construction of all other roads like quarry roads, road to dumping yard, approach to adits, contractor's colony roads, road to crusher & batching plants, etc. and maintenance of all the above stated roads shall be the responsibility of the contractor and no payment on this account shall be made separately. The cost of the same shall be loaded in the contract rate</p>	<p>Please confirm by when the approach road shall be made available to the Contractor.</p> <p>Bidder understands that in case of delay to access to approach road Contractor shall claim EOT.</p>	<p>The tender for construction approach road up to the weir and Power House location are already floated and the same will be awarded shortly. Details will be clarified in Pre-Bid Meeting.</p> <p>Approach to HRT Intake and Surge Shaft locations shall be constructed by the contractor</p>
39	<p>4. Part-4 FIDIC GCC PCC</p> <p>GCC 2.1. Right of Access to the Site</p>	<p>The Employer shall give the Contractor right of access to. and possession of. all parts of the Site within the time (or times) stated in the Appendix to Tender. The right and possession may not be exclusive to the Contractor. If. under the Contract. The Employer is required to give (to the Contractor) possession of any foundation. structure. plant or means of access. the Employer shall do so in the time and manner stated in the Specification. However, the Employer may withhold any such right or</p>	<p>Timelines for access to site be provided</p>	<p>Refer Cl. 2.1 of Appendix to Tender (PCC)</p>

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		possession until the Performance Security has been received..		
40	4. Part-4 FIDIC GCC PCC PCC Insurance Clause 18.2	The insuring Party shall insure the Works, Plants, Materials and Contractor's Documents for not less than 125% of Accepted Contract Amount or value of work executed, whichever is greater, in the joint name with Employer as principal insured.	Bidder requests Authority to make insurance cap up to 110%.	Bid Stipulations shall prevail.
41	4. Part-4 FIDIC GCC PCC Force Majeure Payment 19.4	if the event or circumstance is of the kind described in sub-paragraph (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	Bidder requests for payment of 100% cost.	Bid Stipulations shall prevail.
42	4. Part-4 FIDIC GCC PCC Payment on termination Clause 16.4	Pay to the Contractor the amount of any loss of profit or other loss or damage sustained by the Contractor as a result of this termination.	Bidder requests payment as per FIDIC RED Book	Bid Stipulations shall prevail.

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43	General Status of Mandatory Clearances		Kindly confirm the status of various clearances of the project like: a) Environmental Clearance b) Forest Clearance c) Approval PIB / CCEA d) Land Acquisition e) Defense Clearance	a) Environmental Clearance: Obtained with validity upto 9/11/2029 b) Forest Clearance: Both FC-I & FC-II obtained c) Approval PIB/CCEA: CCEA accorded on 25/11/2024 d) Land Acquisition: Land award under section 23 is expected shortly. e) Defense Clearance: Under process
44	General Salient Features		It is requested to provide salient features of the Project.	Salient feature of the project is enclosed
45	General	Instrumentation	Instrumentation details for surface & underground works are not provided in the tender drawings. Please share the details.	Envisaged items are already provided in the BoQ. Further detailing shall be done during detail design stage as per requirement.
46	General	Tender Drawings	Please share the CAD file of the tender drawings for the development of bid documents.	The CAD files are enclosed.
47	Part 8- Billing of quantities Section 10. Drilling	Pressure relief holes or drainage holes	Drilling of pressure relief holes or drainage holes are not provided in the BOQ. Please confirm.	Drilling items for different diameters & purpose are provided in BoQ. Payment for the instant case shall be governed by the drill diameter
48	Part 8- Billing of quantities Section 12. Instrumentation and monitoring	Stress meter in tunnel	Please provide information about the following instrumentation devices- (i) Stress meter in tunnel provided in BOQ is however not included in the technical specifications under instrumentation section. (ii) SPBX and MPBX quantities in BOQ is not provided. Please confirm and provide the BOQ of missing items.	(i) As per Cl. No. 1 of the Chapter No. 13 " Instrumentation & Monitoring ", the Contractor shall have to supply, install, calibrate & maintain instruments as per the specification or as directed by the owner. The instant instruments are manufacturer specific. The Contractor shall quote his rate considering the suitable one. (ii) Not envisaged at this stage.

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49	Part 8- Billing of quantities Section 12. Instrumentation and monitoring	Instrumentation and monitoring	Please confirm whether a WBMS is required. If yes, please provide the specifications and BOQ for the item.	Not envisaged during tendering stage.
50	Part 8- Billing of quantities Section 12. Instrumentation and monitoring	Instrumentation and monitoring	Please Provide the BOQ of Instrumentation required for Power house slope monitoring.	The BoQ includes all instruments envisaged for all locations and as such, so separate BoQ regarding Instrumentation for Power House slope protection not deemed necessary. Relevant Items of BoQ may be referred.
51	Part 8- Billing of quantities Section 12. Instrumentation and monitoring	Extra cable length	Please provide additional information about the extra cable length provided in the BOQ. Clarify the type of core cable length (4core, 6 core, 10 core etc.) please.	The information may be collected by the respective manufacturer sufficing the intended purpose. The core size shall be guided by the manufacturer's requirement and rate shall be quoted accordingly.
52	Part 5B- Particular technical specifications Section 3.9.Supports for underground excavation	The support consists principally of shotcrete with wire mesh or SFR, individual or pattern rock-bolts and structural steel supports, RCC lagging, backfill concrete fore-poling etc	Please clarify the scope of flexibility in utilising steel lagging and kindly provide the BOQ of the item if considered.	Not envisaged at this stage.
53	Part 8- Billing of quantities Section 4. Rock supports	Precast RCC laggings		
54	Part 8- Billing of quantities Clause 11. Grouting and water pressure test	Contact and consolidation grouting	Please provide contact and consolidation grouting drawing.	The details of contact & consolidation grouting shall be as per the technical specification and quantity as per the BoQ. Detail drawing in this regard shall be provided during design stage.

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55	Part-6: Tender Drawings Part-2 W.003159-20711-ADIT-GAD-7004 (Sheet 1-3)	HRT Adit-1,2 and 3 (Typical rock support details)	Please clarify the thickness and type of shotcrete in class VI	Already indicated as 200mm thk. SFRS in the Drawing (Drawing No. ADIT-GAD-7004, Sh. 2 of 3).
56	Part-6: Tender Drawings Part-2 W.003159-20711-HRT-GAD-7002	Head race tunnel typical rock support details	Please clarify the thickness and type of shotcrete in class VI	The Primary Support (Concrete/Shotcrete) shall be accommodated within the space between the secondary lining and excavated profile. Thickness of shotcrete shall be determined based on that. Further, in Class VI, RCC Lagging with backfill concrete/shotcrete shall be provided as a part of primary support.
57	Part-6: Tender Drawings Part-2 W.003159-20711-PS-GAD-7002 (Sheet 1 and 3)	Horizontal pressure tunnel (5.75 and 3.4 m dia) typical rock support details	Please clarify the thickness and type of shotcrete in class VI	
58	Part-6: Tender Drawings Part-2 W.003159-20711-PS-GAD-7002 (Sheet 1-3)	Horizontal pressure tunnel (5.75 and 3.4 m dia) and vertical pressure shaft (5.75 m dia) typical rock support details	Please clarify the backfill concrete thicknesses in all the classes.	The Backfill concrete shall be accommodated within the space between the Steel Liner and Primary Support. Thickness of backfill concrete shall be finalized as per the actual thickness of steel liner
59	Part 5B- Particular technical specifications Section 3.6.12. Excavation of Shafts	Pilot shaft excavation	The Pilot shaft of Vertical pressure shaft and Surge shaft to be constructed with special type of equipment, So please provide the separate BOQ item in R/M of excavation of Pilot shaft	The applicability of construction methodology shall be decided suiting the site conditions. The payment towards excavation of Vertical Pressure Shaft & Surge Shaft shall be regulated by the respective BoQ items irrespective of the methodology adopted by the bidder. Any additional cost envisaged by the bidder may be included in the relevant BoQ items.
60	Part-6: Tender Drawings Part-1	HRC and Head Race Pipe Section	RCC Cast in situ pipe provided of Dia 6.5m, it will be difficult to construct 6.5m dia circular cast in situ pipe section at site with gantry shutter. Contractor suggest to	Not envisaged at this stage.

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	W.003159-20711-HRC-GAD-7001 (Sheet 4-5)		provide steel lined RCC pipe to ease in construction and time saving.	
61	General	Site Observation	During the site visit it is observed that there is no any approach road available to project site. As per discussion with NEEPCO site team it came to know that approx. 8km approach road and 02 nos. Bridges to be construct by NEEPCO to reach Project site, and work to be awarded yet. Please confirm that when these approach roads and Bridges will be completed. Contractor presumed that the approach roads and bridges will be handover at the time of Awards of works..	Shall be clarified in the Pre-Bid Meeting.
62	General	Site Observation	Between Aalo to Tato site there are 02 nos. Bailey bridges will be required to replace for movement of construction Plants equipments. Please confirm these bridges will be replaced with 70R bridges before awards of the works.	The widening of road & upgradation of bridges are being executed by BRO expeditiously. However, the bidder may make their assessment and take into considerations the factors that are expected to be encountered in such road works.
63	General	Site Observation	During site visit it is noticed that, road widening between Pene village to Tato is in progres, and there is restriction of vehicle movement and road is available for movement only 4.5 hrs in a Day. Please confirm when these road will be completed. Contractor presumed that there will not be any restriction for vehicle/ construction equipment movement after Awards of works.	The widening of road & upgradation of bridges are being executed by BRO expeditiously. However, the bidder may make their assessment and take into considerations the factors that are expected to be encountered in such road works.
64	Bid Document Part-2 Detail NIB Cl. 6.5 (v)	Sub-contractor shall submit Performance Bank Guarantee equivalent to 2.5% of corresponding value of Work sub-contracted in addition to the Performance Bank Guarantee for whole contract submitted by the Bidder on award of Work	Amount of Performance Bank Guarantee corresponding to the value of sub-contracted work, shall be reduced from the total amount of Performance Bank Guarantee to be submitted by the contractor.	Bid stipulations shall prevail.

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid Queries of Bidders	NEEPCO's Clarifications
65	Part-4 GCC, PCC, Appendix to Tender Cl. No. 18.2	<p>The insuring Party shall insure the Works, Plants, Materials and Contractor's Documents for not less than 125% of Accepted Contract Amount or value of work executed, whichever is greater, in the joint name with Employer as principal insured. The policies must have coverage of STFI (storm, typhoon, flood & inundation), earthquake, terrorism, burglary & third party liability (public liability) insurance. The policies are to be reviewed periodically to maintain them at not less than full replacement cost including the adequacy of the coverage. In addition to above, policy(ies) shall cover cost of demolition, removal of debris, professional fees, escalation. Insurance policy shall have an express provision to the effect that the insurer shall necessarily obtain prior 'no objection' certificate from the Engineer before payment of insurance claim under the insurance policy.</p> <p>The Contractor shall take Contractor's All Risk (CAR) insurance policy for the Works for a period from the Date of commencement of Works up to the date of expiry of Defects Notification Period. Further, the insurance policy shall have a provision of extension of policy</p>	<p>Due to recent miss happening in hydro sector specially in projects like Teesta III HEP, Tapovan, Vishnugad, Teesta V, Rishi Ganga, no insurance company is ready to give CAR policy to contractors covering the requirements sought in the tender.</p> <p>Given this, it is requested that NEEPCO should take responsibility of project insurance as a whole and removing this activity from contractor's scope.</p>	Bid stipulations shall prevail.

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid Queries of Bidders	NEEPCO's Clarifications
		period beyond the Defects Notification Period, if so required by Employer, for which premium shall be borne by Employer.		
66	Bid Document Part-2: Information to the Bidders Cl. 1.15: Quarry Areas	To meet the requirement of coarse and fine aggregates for all the construction activities, rock shall be obtained from 2 (Two) Nos. of designated quarries as shown in the respective drawings.	We understand that all available quarries have requisite environmental clearance for mining and license of extracting boulders to meet the project requirement. Please confirm.	Bidder's understanding is confirmed.
67	Bid Document Part-4 GCC Appendix-D Risk allocation Schedule	I. METEOROLOGICAL/HYDROLOGICAL 1. Adverse climatic Conditions including heavy rains. Risk allocation Employer = NIL Contractor = Full	Since, delay in construction due to Adverse climatic conditions including heavy rains is beyond the control of contractor. Therefore, it is requested to provide time & cost compensation due to Adverse climatic conditions.	Bid stipulations shall prevail.
68	Bid Document Part-4 GCC Appendix-D Risk Allocation Schedule	IX. General Hazards 1. Opposition by Land Rehabilitates. Risk Allocation Employer: EoT Contractor: All other than those bourse by Employer	It is requested that in addition to EoT, cost compensation/idle cost shall also be considered in case of closure of site/stoppage of work due to opposition by land rehabilitates.	Bid stipulations shall prevail.
69	Bid Document Part-4: GCC Cl. 14.7 Payment	v) All payments due to the Contractor shall be made under e-payment system. All payment (Monthly RA bills, Advances, claims etc.) to contractor routed through Escrow Account	Since, we have 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 for us through Escrow	Bid stipulations shall prevail.

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid Queries of Bidders	NEEPCO's Clarifications
			mechanism. Hence, we request you to kindly delete the provision of Payment through Escrow Mechanism.	
70	Bid Document Part-3 ITB Cl. 6.0 iii Pre-Bid Conference	Pre-bid Conference	We request you to arrange a pre-bid meeting to discuss these queries to have better understanding of the project.	Pre-Bid meeting is tentatively scheduled on 06.01.2025. The exact Date, Time and Venue of the Meeting shall be published in the tender portal.
71	General	Last date of submission of bid is 12.12.2024	Keeping in view complexity of the project and understand the logistic approach & terrain, we request the to extend the bid submission date by atleast of 8 weeks from the present date of bid submission.	Bid Submission Date is extended till 14:00 Hrs of 16.01.2025. <u>Please refer Corrigendum No. 2 Dated 11-12-2024.</u>
72	NIB, Point no. 6, Qualifying Requirements, 6.2.2 Experience, Specific (ii) Powerhouse Civil Work	Civil works an underground / Surface Powerhouse minimum installed capacity of at least 50 MW in a Hydro Power / Pumped Storage Project should have been completed/substantially completed.	For wider participation of bidders, we request you to amend the qualification requirements under this clause to the size of the powerhouse instead of MW capacity of the plant requirement (50 MW). You would appreciate that in all the major PSUs such as NHPC, SJVNL etc, powerhouse criteria are being made in terms of size of the powerhouse rather than MW capacity of the project. This will encourage participation by Contractors who have executed powerhouse works and are qualified Contractors. Hence, we request you to kindly amend this criteria similar to the Tunnel criteria, where the qualification requirement is approximate 50% of the project requirements in terms of length of the Tunnel.	Bid Stipulations shall prevail.
73	Bid Document Part-2 Information for Bidders	NEEPCO shall provide approach road up to the weir and Powerhouse location.	Looking into the project layout, all the project components are on the left bank of the river and at present there is no access available to left bank, similarly it is also stated that NEEPCO shall provide approach road up to the weir and powerhouse location.	Shall be clarified in the Pre-bid meeting.

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid Queries of Bidders	NEEPCO's Clarifications
	1.8 ACCESS ROAD WITHIN PROJECT AREA		After visiting the site, understanding the terrain, availability of approaches it is obvious that the work cannot be started without construction of the approach road and connecting bridges and as we understood the work of approach road and bridges are being constructed by other contractors. We request you to kindly reckon the commencement of Tato-I project after completion/handing over of approach roads and bridgeworks by the other contractor.	
74	Bid Document Part-2 Information for Bidders 1.8 ACCESS ROAD WITHIN PROJECT AREA	Approach to HRT Intake and Surge Shaft locations shall be constructed by the contractor and the same shall be paid under the respective BOQ Items.	We did not find the layout for the roadworks which are under the scope of the BOQ items. Please provide the length of all proposed roads along with layout, typical cross section to enable us to work out further.	The roads under the BoQ scope to be constructed by the contractor are specified in relevant contract documents (Information To Bidders). The bidder may assess the same from the layout plan of the project (as per contour) and may also refer relevant BoQ items & technical specifications.
75	Bid Document Part-4 Particular Condition of Contract 4.26 MATERIALS	The Corporation will not issue any material such as reinforcement and/or structural steel, cement, P.O.L., explosives etc., for execution of the work.	Being a remote location, hilly terrain, narrow roads, frequent BRO activities along the roads/areas and similarly upcoming HEO HEP and Tato-II HEP nearby, the roads coming to project will be busy and lot of congestion will happen. At present the POL filling station is available at Aalo which is about 180 km and at Mechuka @ 50 kms from Tato-I project. Bringing the fuel from all such hindrances will hamper the progress at site. We feel a dedicated POL station is very much required at Tato Village to facilitate the upcoming requirements. We presume that NEEPCO will provide a fuel station near the project site. Kindly confirm.	Supply of fuel including HSD is within the scope of the contractor. Accordingly, the contractor shall make their own arrangement for collection of fuel from the designated collection points of the oil marketing companies.
76	Bid Document Part-2 Information for Bidders 1.17.7 Land for the contractor's accommodation,	Land for site installations and quarters etc. will be provided by NEEPCO.	Please confirm the land for contractors' accommodation, installation and storage area as stated in clause 1.17.7 is the same land mentioned under Zone -4 and Zone-8 on the Project Infrastructure Facilities Layout Plan. The same shall be provided free of cost to the contractor, please confirm.	The land shall be earmarked for the contractor's facilities and shall be allocated to the respective contractors working at the site free of cost. Any additional land, if required by the contractor shall be arranged by the respective contractor at their cost.

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid Queries of Bidders	NEEPCO's Clarifications
	installation and storage area			
77	Part-8 Bill of Quantities BOQ Item No 3— Underground Excavation.	Head Race Tunnel & construction Audits / Pressure Tunnel excluding the Vertical Shaft Portion	Kindly provide the Longitudinal sections of HRT, Construction Adits, Pressure Shafts stating chainage wise geology showing rock classification, RMR/RQD value, occurrence of faults and shear zones, tunnel slope etc.	The available information is already provided in the tender documents including tender drawings and the desired information may be assessed from the same by the bidder. As sought for, the data available in DPR are enclosed. These data are provided on request of the bidder and shall not form part of the bid documents. Further, these data shall not form any basis for extra claim during execution.
78	Part-6 Tender Drawing Drg No.W003159- 20711-GEN-GAD-7002	Project Infrastructure Facilities Layout Plan- Zone-4- Intake Storage office and Colony area. Zone-5 & 9 - Quarry site. Zone-7- Muck Disposal Area	Please provide the area in sqm or acres, dimensions of the plot and volume for respective zones which are used for Infrastructure Facilities. Similarly, please provide contour plan of all this infrastructure zones to enable us in preparing schedule and planning.	The tentative areas to be allocated to the civil contractor in the mentioned zones would be clarified during the pre-bid meeting.
79	General Soil Investigation		Please provide soil investigation/bore log and lithology report at various units like intake and Weir, HRT, Surge Shaft, Pressure Shaft, Powerhouse etc.	As sought for, the data available in DPR are enclosed. These data are provided on request of the bidder and shall not form part of the bid documents. Further, these data shall not form any basis for extra claim during execution.
80	Part-6 & Part-8 Tender Drawing & BOQ Drg No. W003159-20711-HRC- GAD-7001	RCC/Steel Pipe from Intake to HRT	On drawing sheet no.2 of 5 It is stated that 6.5 m dia RCC channel. On drawing sheet no.4 of 5 It is mentioned that 6.5 m dia RCC pipe. Whereas refer the BOQ we did not find any BOQ item for RCC 6.5 m dia pipe. It is to be noted that RCC pipe of such huge 6.5 m dia is not manufactured and readily available. We may go for steel pipe with concrete encasing. The BOQ does not reflect quantity of	RCC Channel may be read as Head Race Pipe (HRP)/RCC Pipe. It may be noted that the RCC Pipe/Channel shall be cast in-situ & not pre-fabricated. Necessary concrete & reinforcement items are already available in the BoQ.

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid Queries of Bidders	NEEPCO's Clarifications
			steel pipe of 6.5 m dia. Please provide the BOQ item for the HRP pipe stating thickness and class of pipe.	Replacement of RCC with Steel not envisaged at this stage.
81	Part-4 Particular Conditions of Contract PCC 13.8 Adjustment for changes in cost	High Speed Diesel Oil price at the bulk outlet of the Oil Marketing Companies (IOCL) located nearest to the Site (Selling price inclusive of taxes and duties per litre of H.S.D oil).	Please specify bulk outlet of the Oil Marketing Companies (IOCL) located nearest to the Site	Supply of fuel including HSD is within the scope of the contractor. Accordingly, the contractor shall make their own arrangement for collection of fuel from the designated collection points of the oil marketing companies.
82	Part-4 APPENDIX D-RISK ALLOCATION SCHEDULE	Obstruction of Highways/roads connecting the Site due to heavy traffic/bad weather conditions/accidents etc.	Under the risk allocation schedule the entire risk due to obstruction of highways/roads etc is passed on to contractor. As we are seeing, a lot of road widening works are going on and which may last for at least 2 years from now. There are road blockages undergoing 3 times a day ranging from 1.5 hrs to 3 hrs each from BRO as well as for the works of other road contractors. We feel all those activities are beyond the control of the contractor so requesting to consider risk allocation to be shared between employer and contractor. Suitable EOT along with compensation for idling of resources may please be allowed.	Bid Stipulations shall prevail.
83	Part-4 APPENDIX D-RISK ALLOCATION SCHEDULE	Opposition by the land rehabilitees.	In response/mitigation to this risk it is stated that interaction with district administration and local leaders to be carried out. We feel to mitigate the things substantial involvement of employer is required at all the times so to have smooth operation at site. The employer has accepted a suitable EOT towards stoppage/closure of site, we now request you to consider suitable compensation towards idling of resources against occurrence of this risk.	Bid Stipulations shall prevail.
84	Part-5B Particular Technical Specifications	Payment will only be made for removal of accepted overbreak up to a maximum extent of 7% of the theoretical pay line (B-line) area. Any	Being a geological overbreak which is obvious not comes under workmanship of contractor. We request you to remove this	Bid stipulations shall prevail.

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid Queries of Bidders	NEEPCO's Clarifications
	Cl.3.10 Measurement & Payment for UG Excavation/Sub clause 3.10.3 Overbreak and Backfilling	accepted overbreak beyond the above limits of 7% of the pay line area shall be removed at the Contractor's own cost.		
85			In order to ensure a thorough understanding we would like to request pre-bid meeting for further clarification on certain aspects of the tender document. We believe that this meeting will help us submit a more informed and compliant bid. Kindly let us know a suitable date and time for the pre-bid meeting, as well as any documents or information that we should bring along. If there are any specific protocols for attending the meeting, please do inform us.	Pre-Bid Meeting is tentatively scheduled on 06.01.2025. The exact Date, Time and Venue of the Meeting shall be published in the tender portal.
86	Cl. 15. Tender Timeline, Detailed NIB	Last Date & Time for submission: 12.12.2024 upto 1400 Hrs (IST)	We are yet to visit the site and request additional time for carrying out the same. In light of this situation, we request you to please extend the bid submission deadline by 6 weeks to allow bidder to visit the site	Bid Submission Date is extended till 14:00 Hrs of 16.01.2025. <u>Please refer Corrigendum No. 2 Dated 11-12-2024.</u>
87	Cl. 1.8 Access to the Project	NEEPCO shall provide approach road up to the weir and Powerhouse location.	The bidder is of the opinion that the approach road is very critical to access the project site in such remote location. As per the project Tender document the approach road to the weir and Powerhouse location will be provided by client. The tender for the same was floated with timeline of the project completion as 18 months. It become very difficult for the bidder to start the work without the approach road. Also, if road is not ready then the timeline seems very difficult. The Bidder have reservation on the point and would like client to please address the issues and propose a Prebid meeting for the project.	Shall be clarified in the Pre-bid meeting.

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid Queries of Bidders	NEEPCO's Clarifications
88	Cls.4.2 BD Part-4, Sec.2 PCC, Cls. 4.2, P.7 of 131	The Contractor shall deliver Performance Security to the Employer within 21 (twenty one) days of issue of Letter of Acceptance. The Performance Security shall be in the form of a Bank Guarantee	Bidder Submits, following to existing RBI norms, Banks are taking more time for issuance of Bank Guarantee (CPBG). In such situation, bidder earnestly requests to consider 56 days (8 weeks) time for submission of BG towards performance security. Kindly accept and amend the cls. 4.2 accordingly.	Bid Stipulations shall prevail.
89	Geotechnical Data Tender Document General	Geotechnical data	Bidder observes, Sub-soil reports and geotechnical data is not provided with the tender document, which is obviously required for detail study, analyzing the equipment requirements etc. Bidder requests to kindly provide the Geotechnical Data	As sought for, the data available in DPR are enclosed. These data are provided on request of the bidder and shall not form part of the bid documents. Further, these data shall not form any basis for extra claim during execution.
90	Tender Document	Free Issue Materials	Bidder wish to get clarified, if there is any Free Issue Material (Cement / Steel etc.) Kindly confirm.	All materials shall be under the scope of the contractor. Please refer Cl. No. 1.16, Part-2: Information for Bidders. The contractor shall make his own arrangement for all materials, consumables etc. for completion of the works within quoted rates.
91	Tender Document and Part-8, BOQ	E&M and HM components	Bidder understands, Scope is limited to civil works only. Penstock Liner, Turbines, Gates, Valves etc. various E&M works and HM works is not included in the scope of works. Kindly confirm.	Bidder's understanding in this regard is confirmed.
92	Tender Document	Labour Cess, Royalties etc. -	Bidder wish to get clarified, what is the percentage of labour cess / BOCW cess, Royalties etc. to be considered.	Bidder shall collect relevant information of prevailing rates of royalties from the concerned authorities of Govt. of Arunachal

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid Queries of Bidders	NEEPCO's Clarifications
			<p>Bidder also understands, such cess if applicable, will be deducted from contractor's bill and contractor will get the TDS certificate against that.</p> <p>Kindly provide the details.</p>	<p>Pradesh during site visit or otherwise, which may be taken care of for submission of bid.</p> <p>Accordingly, Bid stipulations shall prevail.</p>
93	<p>Cls.4.2 BD Part-4, Sec.2 PCC, Cls. 4.2, P.7 of 131 & Appendix to Tender</p>	<p>Amount of additional Performance Security for sub-contractor's performance.....</p>	<p>Bidder Submits, as the contractor will be completely responsible for delivery of the works, cancellation of this provision, as the same will inflate the project cost.</p> <p>Kindly accept and amend the provision.</p>	<p>Please refer Cl. No. 14.1 of Part-4: FIDIC GCC, PCC, Appendix to Tender of the Bid Document.</p> <p>Bid Stipulations shall prevail.</p>
94	<p>Cls.14.2 BD Part-4, Sec.2 PCC, Cls. 14.2, P.46 of 131 & Appendix to Tender</p>	<p>Advance Payment</p>	<p>Bidder requests earnestly and interest free advance, however against BG of 110% of Advance Amount. Interest will be charged in case of delay in recovery due to failure in progress for reasons attributable to the Contractor.</p> <p>Such practice is followed by various PSU and this will reduce the project cost as well.</p> <p>Kindly accept and amend the provision.</p>	<p>Bid Stipulations shall prevail.</p>
95	<p>P. 46-47 and 71 of 131 BD Part-4, Sec.2 PCC, Cls. 14.2, P.46 of 131 & Appendix to Tender</p>	<p>Advance Payment</p>	<p>Bidder earnestly requests to consider -</p> <p>Mobilization Advance as 10% in 2 instalment of 5% each &</p> <p>Equipment Advance as 5% of the accepted contract amount.</p> <p>Kindly accept and amend the provision.</p>	<p>Bid Stipulations shall prevail.</p>
96	<p>Drawings Tender Documents General</p>	<p>Indicative Drawing</p>	<p>Bidder submits, GAD and other drawings provided is incomplete.</p>	<p>The submitted tender drawings are adequate.</p> <p>No further drawings in this regard are felt necessary.</p>

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid Queries of Bidders	NEEPCO's Clarifications
			Bidder earnestly requests to provide Good Quality legible complete drawings along with CAD copy for proper Study of the Contract scope. Kindly provide at the earliest.	Drawings in CAD format are enclosed herewith.
97	General	General Technical	Bidder submits, Bidder will assess the cost for a comprehensive bid on basis of consideration that obstruction and hindrance free work site will be provided by the Employer to the Contractor, immediately after award , Various data provide by the Employer are true and properly representing the actual condition in ground and Employer will facilitate for various permissions required. Such are the general requirement for proper and timely execution of the job, conforming to the Employer's requirement.	Bidder's understanding in this regard are as per stipulations of the bid.
98	Cls. 6.2.2 (ii) Bid Document Part-1: Detail NIB	Power House Civil Works: Civil works of an Underground/Surface Powerhouse with minimum installed capacity of at least 50 MW in a Hydro Power / Pump Storage Project should have been Completed/ substantially completed.	Bidder requests to consider Powerhouse of capacity 40MW or more having one or more than one unit and accordingly request you to kindly revise the clause as below: Power House Civil Works: Civil works of an Underground / Surface Powerhouse with minimum installed capacity of at least 40 MW having one or more than one unit in a Hydro Power / Pump Storage Project should have been Completed / substantially completed. Please confirm.	Bid Stipulations shall prevail.
99	DNIB Cl. No. 6.3 (ii)	Capacity to have a cash flow amount/working capital judged from the immediately preceding financial year as per the audited balance sheet /	From the above clause it is very much clear that working capital shall not be less than INR 29 Crore and formula for calculating the same is as per above. But as per Data Sheet 4, i.e. Financial Data Sheet point no. 17 current solvency	All the supporting documents as stipulated in Bid Document shall be submitted.

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid Queries of Bidders	NEEPCO's Clarifications
		equivalent financial statements. The bidder shall have working capital of not less than INR 29 Crore (Rupees Twenty Nine Crore) only or Equivalent US \$ / Euro etc. Working Capital/Cash Flow amount shall be calculated by subtracting Current Liabilities (CL) from Current Assets (CA) i.e. (CA-CL) as per the audited balance sheet/ equivalent financial statements including profit and loss statement of the immediately preceding financial year	certificate is to be provided. Hence, kindly clarify that is the working capital is calculated as per the above mentioned Clause No. 6.3 (iii) then solvency certificate is required separately or not	
100	General		If selected bidder will be international bidder, then kindly clarify whether selected bidder is free to engage 100% Indian manpower for the execution of project.	Bid stipulations of Cl. No. 6.1 of Particular Conditions of Contract shall prevail.
101	Cl. No. 6.2.1 General Experience	<p>Bidder shall have General Experience as Prime Contractor or Partner of Joint-Venture/ Consortium or Sub-contractor approved by the Project Developer/Owner, of executing the following ongoing/ completed works, during last 20 (twenty) years ending on last date of submission of Bids:</p> <p>Completion/ substantial completion of the similar work(s), fulfilling any one of the following:</p> <p>(a) I(one) similar work valued at Rs. 440.00 Crore (or Equivalent other foreign currencies, i.e., US\$ I Euro etc.) or more, Or,</p> <p>(b) 2(two) similar works each valued at Rs. 275.00 Crore (or Equivalent</p>	<p>Bidder shall have General Experience as Prime Contractor or Partner of Joint-Venture/ Consortium or Sub-contractor approved by the Project Developer/Owner, of executing the following ongoing/ completed works, during last 20 (twenty) years ending on last date of submission of Bids:</p> <p>Completion/ substantial completion of the similar work(s), fulfilling any one of the following:</p> <p>(a) I(one) similar work valued at Rs. 275.00 Crore (or Equivalent other foreign currencies, i.e., US\$ I Euro etc.) or more, Or,</p> <p>(b) 2(two) similar works each valued at Rs. 220.00 Crore (or Equivalent other foreign currencies, i.e., US\$ I Euro etc.) or more, Or,</p> <p>(c) 3(three) similar works each valued at Rs. 165.00 Crore (or Equivalent other foreign currencies, i.e., US\$ I Euro</p>	Bid stipulations shall prevail.

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid Queries of Bidders	NEEPCO's Clarifications
		<p>other foreign currencies, i.e., US\$ 1 Euro etc.) or more, Or,</p> <p>(c) 3(three) similar works each valued at Rs. 220.00 Crore (or Equivalent other foreign currencies, i.e., US\$ 1 Euro etc.) or more.</p> <p>Note: "Similar works" are defined as execution of Civil works involving Highway Tunnel Projects/Railway tunnel projects/Water Resources Projects/Hydro Power Projects/ Metro Projects.</p>	<p>etc.) or more.</p> <p>Note: "Similar works" are defined as execution of Civil works involving Highway Tunnel Projects/Railway tunnel projects/Water Resources Projects/Water Supply Projects/Hydro Power Projects/ Metro Projects.</p>	
102	Cl. No. 6.2.2 Specific Experience	<p>The Bidder as Prime Contractor or Partner of Joint-Venture/ Consortium or Sub-contractor approved by the Project Developer/Owner, shall have successfully executed the following works, during last 20 (twenty) Years ending on last date of submission of Bids.</p> <p>(i) Tunnels and Underground works Completed / substantially completed excavation and concrete lining of tunnel in Water resources project/Power Project/Highway/Metro/Road Tunnel/Railway tunnel projects of minimum finished dia. 5.20 m and minimum 1800 m length of a single tunnel.</p> <p>(ii) Powerhouse Civil Works: Civil works of an Underground/Surface Powerhouse</p>	<p>The Bidder as Prime Contractor or Partner of Joint-Venture/ Consortium or Sub-contractor approved by the Project Developer/Owner, shall have successfully executed the following works, during last 20 (twenty) Years ending on last date of submission of Bids.</p> <p>(i) Tunnels and Underground works Completed/substantially completed excavation and concrete lining of tunnel in Water resources project/Power Project/Highway/Metro/Road Tunnel/Railway tunnel projects of minimum finished dia. 5.20 m and minimum 1800 m length of a single tunnel.</p> <p>(ii) Powerhouse Civil Works: Civil works of an Underground/Surface Powerhouse with minimum installed capacity of at least 50 MW in a Hydro Power/Pump storage Project should have been Completed/substantially completed.</p> <p>(iii) Dam Work: Completion of at least one Barrage/Dam of minimum height 15 m.</p>	Bid stipulation shall prevail.

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid Queries of Bidders	NEEPCO's Clarifications
		with minimum installed capacity of at least 50 MW in a Hydro Power/ Pump storage Project should have been Completed/substantially completed.		
103	ICB NIT	Bid Submission Date 12-12-2024	<p>We are writing formally to request an extension for the submission of our bid for the above mentioned name of project, originally due on 12-12-2024.</p> <p>Due to unforeseen circumstances, resource availability, site survey, etc., kindly allow us to enhance the quality and competence of our proposal. We are committed to providing the best possible submission and feel that an extension would significantly contribute to that goal.</p> <p>We kindly ask for an extension of 30 days, which would allow us to submit our bid by 11-01-2025. We appreciate your consideration of our request and look forward to your understanding.</p>	<p>Bid Submission Date is extended till 14:00 Hrs of 16.01.2025.</p> <p><u>Please refer Corrigendum No. 2 Dated 11-12-2024.</u></p>
104	NIT, ITB-11	BID PRICE	<p>We suggest that, the "Bid Price" and the "Contract Price" when awarded shall be excluding GST as per the GST guidelines so that, the cascading cost implications to the contractor against performance guarantee, Insurances, advances, etc. can be avoided. This will bring savings to the employer which otherwise will have to be loaded in the quoted prices by the contractor. The GST shall be paid separately as per actual.</p>	<p>Please refer Cl. No. 11 (v) & 11 (viii) of Part-3 (ITB) of Bid Document.</p> <p>The rates to be quoted by the bidders in Bill of Quantities (Form-A, Part-8 of Bid Document) shall be inclusive of all applicable taxes, duties, levies etc. including GST and quoted rates/prices shall be subject to adjustment as per Clause 13.7 & 13.8 of PCC. Accordingly, Bid stipulations shall prevail.</p>
105	NIT-4	Time of Completion: The scheduled Time for Completion of Works shall be 38 (thirty eight) months reckoned from the date of issue of Letter of Acceptance by the	<p>Since the project location is very remote and unavailability of access road to reach the project location and based on our initial assessment of the project and considering the volume of work involved, the time provided is very inadequate and shall be revised as at least 48 months.</p>	<p>Bid Stipulations shall prevail.</p>

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid Queries of Bidders	NEEPCO's Clarifications
	ITB-10.3	TIME FOR COMPLETION: The scheduled Time for Completion of the Works shall be 38 (thirty eight) months reckoned from the date of issue of Letter of Acceptance for reference		
	ATT-1.1.3.3	Time for Completion of the Works 38 months reckoned from date of Letter of Acceptance (LOA)		
106	PCC- CI 2.1	Right of Access to the Site: (b) 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."	We request to reinstate the FIDIC Conditions.	Bid Stipulations shall prevail.
107	PCC-4.2	Performance Security: 1st Para : The Contractor shall deliver Performance Security to the Employer within 21 days of issue of Letter of Acceptance.	Kindly allow 45 Days' time to submit the Contract Performance Bank Guarantee.	Bid Stipulations shall prevail.
108	PCC-4.2, ATT-4.2	Amount of Performance Security..... 5% of the Accepted Contract Amount.	We request to reduce the Performance Guarantee & Retention Money, based on the Guidelines issued by Ministry of Finance dated 12.11.2020 regarding the same. The Performance Security shall be reduced to 2% and the Retention Money shall be maintained as 3% so that the Total Security from the Contractor under the Contract shall be limited to 5% of the Contract Price.	Bid Stipulations shall prevail.
	PCC-4.2, ATT-4.2	Amount of additional Performance Security for sub-contractor's performance..... 5% (five percent) of the value of sub-contracted works.		

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid Queries of Bidders	NEEPCO's Clarifications
	ATT - 14.3	Percentage of Retention Money : @ 5 % (five percent)		
109	PCC- 4.2	PERFORMANCE SECURITY: PARA-8TH The Performance Security bank guarantee provided by the Contractor shall be valid upto 60 (Sixty) days beyond Defects Notification Period. The additional Performance Security bank guarantee provided by parent company and/or sub-contractor shall be valid till completion of the part of the Works executed by the sub-contractor and/or subsidiary company.	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 Stipulations shall prevail.
110	PCC- 4.12	Unforeseeable Physical Conditions Delete the words "and man-made" in the first para.	We request to reinstate the FIDIC Conditions.	Bid Stipulations shall prevail.
111	PCC- 7.8	Royalties The contractor shall pay all royalties, rents and other payments for: (a) natural Materials used, and (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.	Kindly clarify the prevailing rates of royalties for various materials like earth, Rock, Aggregates etc.	Contractor will collect relevant information of prevailing rates of royalties from the concerned authorities of Govt. of Arunachal Pradesh during site visit or otherwise, which may be taken care of for submission of bid. Accordingly, Bid stipulations shall prevail.
112	PCC-14.2 (a), (i) ATT-14.2	(i) Advances for initial mobilisation, preliminary, enabling ancillary works. Interest bearing Mobilization Advance shall be released to the Contractor to	<ul style="list-style-type: none"> We request to provide the interest free mobilisation advance, limited to 10% of contract price in to two equal instalments. Accordingly, kindly modified the said clause. 	Bid stipulations shall prevail.

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid Queries of Bidders	NEEPCO's Clarifications
		the extent of% (..... percent) of Accepted Contract Amount (as specified in Appendix to Tender) on written request from the Contractor, subject to the following conditions: (a) The advance shall be interest bearing at the rates specified in Appendix to Tender and recovery shall be linked with progress of work.	<ul style="list-style-type: none"> We request to provide the interest free Equipment advance. Accordingly, kindly modified the said clause. 	
	PCC-14.2 (a), (ii) ATT-14.2	(ii) Advance for Contractor's Equipment Contractor's Equipment Advance, up-to a maximum of% (..... percent) of the Accepted Contract Amount (as specified in Appendix to Tender) shall be payable to the Contractor. Such Advance shall be interest bearing at the rates specified in Appendix to Tender against submission of BG of equivalent... ..		
	ATT-14.2	Mobilisation advance : 5% (five percent) of Accepted Contract Amount. Equipment advance: 10% (ten percent) of Accepted Contract Amount. Interest rate (on advance): State Bank of India MCLR for one year applicable as on date of LOA plus 150 bps		
113	PCC -CI, 20.1, Para 7	Further, the resources (Equipment/manpower) shown in the Contractor's Data Sheets are solely the Contractor's estimate and the Contractor has committed to deploy	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	Bid stipulations shall prevail.

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid Queries of Bidders	NEEPCO's Clarifications
		the resources indicated to complete the Works within the Time for Completion. No claims shall be entertained on the grounds that there has been less progress than anticipated using these resources.	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.	
114	PCC-Annexure-D	Risk Allocation Schedule: II. METEOROLOGICAL/HYDROLOGICAL 1. Adverse climatic Conditions including heavy rains. Risk allocation Employer = NIL	Kindly allow to Extension of time (EOT) & Cost thereby against this, on occurrence of the risk during construction.	Bid stipulations shall prevail.
115	PCC- Annexure-D	III CONSTRAINED ACCESS TO SITE 1. Obstruction of Highways/roads connecting the Site due to heavy traffic/ bad weather conditions/ accidents etc. Risk allocation Employer = NIL	Kindly allow to Extension of time (EOT) & Cost thereby against this, on occurrence of the risk during construction.	Bid stipulations shall prevail.
116	PCC- Annexure-D	VIII. UNDER GROUND EXCAVATIONS 1. Occurrence of hard rock strata substantially adverse than that specified in Information for Bidders: 6. Emission of harmful gases out of construction activities Risk allocation Employer = NIL	Kindly allow to Extension of time (EOT) & Cost thereby against this, on occurrence of the risk during construction.	Bid stipulations shall prevail.
117	PCC- Annexure-D	IX. GENERAL HAZARDS	Kindly allow to Extension of time (EOT) & Cost thereby against this, on occurrence of the risk during construction.	Bid stipulations shall prevail.

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid Queries of Bidders	NEEPCO's Clarifications
		<p>3. Accidents, Strikes by workers other than general strike in the area.</p> <p>4. Non-availability of explosives in time due to security & other reasons.</p> <p>5. Non-availability of water/ Power supply</p> <p>Risk allocation Employer = NIL</p>		
118	TS-(Part-5B), Cl.3.5.2	<p>Overbreak</p> <p>vi) The maximum amount of accepted geological overbreak is 7% of the pay line (B-line) quantity. Any overbreak in excess of this amount will not be accepted as geological overbreak.</p>	<p>It is pertinent to mentioned that the overbreak caused due to geological reasons are purely beyond the control of contractor and the contractor can neither estimate the extent of the same or afford the extra cost due to the same. Hence kindly delete these clauses so that the removal and filling of the overbreak caused due to geological reasons shall be payable separately without any limitations.</p>	<p>Bid Stipulations shall prevail.</p>
	TS-(Part-5B), Cl.3.10.3	<p>Overbreak and Backfilling</p> <p>iii) Payment will only be made for removal of accepted overbreak up to a maximum extent of 7% of the theoretical pay line (B-line) area. Any accepted overbreak beyond the above limits of 7% of the pay line area shall be removed at the Contractor's own cost.</p>		
	TS-(Part-5B), 3.10.6 (v)	<p>Exclusions</p> <p>a) Over-excavation, removal of material beyond the pay line, or backfilling with concrete, shotcrete or grout beyond the pay line (B-line), except that due to geologically accepted overbreak (up to a limit of 7% of the pay line area as specified above). This applies also to any rectification</p>		

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid Queries of Bidders	NEEPCO's Clarifications
		works resulting from incorrect surveys and/or blasting,		
119	TS-(Part-5B), Chpt-02, Cl. 2.17.2 vi)	<p>The Unit Prices, if not specifically stipulated otherwise, shall be deemed to include the entire cost of, but not limited to the following:</p> <p>a)</p> <p>b) Provisions for loading, hauling and dumping the excavated material on stockpiles, dumping areas or points of incorporation into permanent works including all lift and lead upto 3.0 km from the site of excavation, shaping and trimming of the excavated materials in the dumping areas as specified, clearing of the stockpile areas, formation and maintenance of stockpiles,</p>	<p>It appears from the referred clauses, that the payment against the protection works to be carried out in the dumping sites is not payable separately. It may be noted that, major masonry/ gabion/ concrete walls will be required to protect and maintain the dumping sites as per the environmental requirements especially in this hilly region and quantities for the same can not be estimated at this stage by the bidder. Hence, it is requested that the payment against the protection works in the muck disposal area shall be measured and paid separately as per actual quantity executed. Kindly modify the clauses accordingly.</p>	<p>Shall be clarified in the Pre-bid meeting.</p>
	TS-(Part-5B), Chpt-03, Cl. 3.10.1 iii)	<p>Payment for excavation in tunnel will be made at the applicable unit bid rate per cubic metre as indicated in the Bill of Quantities and shall include the entire cost of – but not be limited to – the following:</p> <p>a)</p> <p>b) Provisions for and the operation of vehicular as well as train traffic; loading, hauling, and dumping the excavated material on stockpiles, spoil tips, or points of incorporation into the Permanent Works up to 3.0 km radial distance from the nearest portal for tunnels; clearing, shaping, trimming and maintenance of the disposal areas as specified; clearing, shaping, trimming and maintenance of the stockpile areas,</p>		

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid Queries of Bidders	NEEPCO's Clarifications
		re-cultivation of disposal and stockpile areas; re-handling of suitable materials including segregating, grading, drainage and drying of materials suitable for use in other construction or as backfill,		
	TS-(Part-5B), Chpt-03, Cl. 3.10.5 v)	Exclusions: v) No extra payment will be made for the following: a)... ... f) Clearing, grubbing and maintaining in the disposal and stockpile areas,		
120	General	Adverse Climatic/Site Conditions	Adverse Climatic/Site conditions, like Floods, cloud bursts, road blockages, landslides etc. has not been covered under GCC/PCC. Since the project area is vulnerable to such conditions, we request you to please cover these conditions under PCC and extension of time against the same shall be granted to the contractor.	<ul style="list-style-type: none"> The provision related to adverse climatic/site conditions and admissibility of extension of time thereof have already been incorporated in Clause 1 of Meteorological Risk under 'RISK ALLOCATION SCHEDULE' (Appendix-D) of Sub-Clause 17.7 (Risk Allocation Schedule and Risk Register), PCC (Part-4) of Bid document and related Sub-Clause 8.4 (Extension of Time for Completion) of PCC (Part-4) of Bid document. Accordingly, Bid stipulation shall prevail. <p>Further, it is to clarify that cloud bursts, certified by concerned meteorological department shall be considered as an exceptionally adverse climatic condition in order to qualify for extension of time thereof as per Sub-Clause 8.4(c) of GCC (FIDIC 1999) (Part-4) of Bid document.</p>
121	General	Likely date of award	Kindly inform likely date of award of contract to plan for the resources according to the stat date.	Award of work shall be issued immediately on conclusion of the tendering process.

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid Queries of Bidders	NEEPCO's Clarifications
122	Part 1: Short and Detail NIB, Cl. No. 6.2.2 (i)	Tunnels and Underground works Completed / substantially completed excavation and concrete lining of tunnel in Water resources project/Power Project/Highway/Metro/Road Tunnel/Railway tunnel projects of minimum finished dia. 5.20 m and minimum 1800 m length of a single tunnel.	Tunnels and Underground works Completed / substantially completed/ ongoing work excavation and concrete lining of tunnel in Water resources project/Power Project/Highway/Metro/Road Tunnel/Railway tunnel projects of minimum finished dia. 5.20 m and minimum 1800 m length of a single tunnel.	Bid Stipulations shall prevail.
123	Cl. No. 6.2: Technical Qualifying Criteria Cl. No. 6.2.1: General Experience	The Bidder Shall have General Experience as a Prime contractor or Partner of Joint Venture/ Consortium or Sub Contractor approved by the Project Developer/Owner of executing the Following ongoing/Completed Works during last 20 Years	Request to amend the clause as below: The Bidder Shall have General Experience as a Prime contractor or Partner of Joint Venture/ Consortium or Sub Contractor approved by the Project Developer/Owner/ NSE or BSE Listed Company Having Turnover more than 500 Crores of executing the Following ongoing/Completed Works during last 20 Years. The same shall be accepting by the many of the PSU to increase the competition- Enclosed	Bid Stipulations shall prevail.
124	Cl. No. 6.2: Technical Qualifying Criteria Cl. No. 6.2.2: Specific Experience Criteria	The Bidder Shall have General Experience as a Prime contractor or Partner of Joint Venture/ Consortium or Sub Contractor approved by the Project Developer/Owner of executing the Following ongoing/Completed Works during last 20 Years	Request to amend the clause as below: The Bidder Shall have General Experience as a Prime contractor or Partner of Joint Venture/ Consortium or Sub Contractor approved by the Project Developer/Owner/ NSE or BSE Listed Company Having Turnover more than 500 Crores of executing the Following ongoing/Completed Works during last 20 Years. The same shall be accepting by the many of the PSU to increase the competition- Enclosed	Bid Stipulations shall prevail.

The related enclosure under Pre-bid Clarifications No. 1 Dated 24.12.2024 to Pre-bid queries on stipulations of Bid Document against NIB No. 457 Dated 25-10-2024 for “Package-I: Construction of Civil Works on Item Rate for Tato-I Hydro Electric Project, Arunachal Pradesh, comprising of Headworks & allied works, Head Race Channel, Head race Pipe, Intake, Headrace tunnel, Surge shaft, Pressure shaft, Valve house, Power house & allied works and Infrastructure works” are given in the following link due to size constraints.

<https://drive.google.com/drive/folders/182FCrRX8bl8zCElWjPZRi17Rx1cW0npX?usp=sharing>