

Pre-bid Clarifications No. 3 Dated 07-03-2025 to Pre-bid queries on stipulations of Bid Document against NIB No. 467 Dated 27-11-2024 for "Engineering, Procurement, Construction and Commissioning of Civil, Hydromechanical Works and specified permanent Project Roads for Heo Hydro Electric Project (240 MW) in Shi Yomi District, Arunachal Pradesh"

(This Pre-bid Clarifications shall form part of the Bid Document and shall supersede the corresponding stipulations of the Bid Document, wherever these are at variance.)

| Sl. No. | Ref. Clause No. | Tender Stipulations | Pre-bid queries /modifications requested by bidders | NEEPCO's Clarifications |
|---------|---|---|--|---------------------------------|
| 1 | Vol. I, Part 1, Clause 2, Scope of Works | The scope of work under this tender covers "EPC Turnkey execution of Heo Hydro Electric Project (240 MW) in Shi Yomi District, Arunachal Pradesh" | The scope of this work involves underground works like Head Race Tunnel, Surge Shaft, Pressure Shaft, Valve House, etc. which may have geological variations during execution phase We are grateful for introduction of the clause in the Volume-IV: Employers Requirements i.e. "1.22 Sharing of Risk of variation in Geology and extraordinary geological incidence." For Rock Support Classes in the HRT and Penstock Tunnel (Excluding the Shaft) only. Similarly, we request you to introduce and consider the same for Vertical Pressure Shaft and Surge Shaft also. So that the same will become the basis for the designing & variation in the geology for the contractor. | Bid stipulations shall prevail. |
| 2 | Sr. No. 48, Pre-bid Clarifications-1, Dtd. 22.02.2025 | All the Adits including both Permanent & Temporary are to be concrete lined. Please refer Corrigendum No. 3 Dated 07-02-2025. Clause "2.6 Employer's disclaimer regarding information/data provided in Project Profile " of PCC may also be referred to. | We wish to bring to your notice that, the construction adits are only to be used as an access to the main components and as seen in most of the Hydro-power project adits are not concrete lined. In view of the same, we request you to consider the same for this project and confirm. | Bid stipulations shall prevail. |
| 3 | Clause No. 1.9.2, Power supply, Vol-II A, Project Profile | The bidder is requested to note that while it is not binding on NEEPCO for supply of power from the national or state grid or otherwise at any stage of construction of the project, there is a possibility that grid power may be available for project construction works in future. As and when grid power is available, grid power availed by the contractor shall be metered jointly including Employer and recovery shall be affected @ Rs. 30.00 per Unit which shall include grid power price per unit..... | We wish to bring to your notice that, the recovery rate mentioned in the document i.e. Rs 30.00 per Unit is really on higher side. We request that this should be recovered at a reasonable/ nominal rate around Rs. 18/ unit. Please consider and confirm. | Bid stipulations shall prevail. |
| 4 | Clause No. 18, Insurance, PCC, Vol-III | 18.1 General Requirement of Insurance | In the present scenario, it is very difficult to get the insurance from the various insurance companies for the Hydro Power | Bid stipulations shall prevail. |

| Sl. No. | Ref. Clause No. | Tender Stipulations | Pre-bid queries /modifications requested by bidders | NEEPCO's Clarifications |
|---------|---|---------------------|--|---|
| | | | <p>Project. In view of the same, we request Employer to obtain the project insurance i.e. CAR policy for the entire project. Please consider and confirm.</p> <p>Regarding insurance, we request you to kindly consider obtaining insurance by Employer.</p> | |
| 5 | Clause No. 18.2, PCC, Vol-III and Appendix to Tender. | | <p>We would like to bring to your attention a critical gap between the insurance availability in the market and the insurance requirements stipulated in the Contract Agreement under PCC Clause 18.2 and Appendix to Tender.</p> <p>A. Insurance Requirements as per PCC Clause 18.2 of Bid document, Vol-III GCC/PCC, Page 32</p> <p>The Contract mandates that the Contractor/Insuring Party shall obtain insurance coverage for not less than 125% of the Accepted Contract Amount or the value of executed works, whichever is greater. Additionally, the Contract stipulates a deductible of 5% per loss, subject to a minimum of Rs. 50 lakh (Clause 18.2(d))</p> <p>B. Market Offer from Insurance Providers</p> <p>Based on our market assessment, it has been observed that insurance companies are unwilling to provide coverage under the specified contract terms. The current policy terms for hydroelectric projects states:</p> <ul style="list-style-type: none"> • A deductible of 10% of the claim amount, subject to a minimum of Rs. 5 crore to Rs. 7.5 crore. • While the policy is for 125% of the project value (Sum insured). However, the acceptable actual risk cover will be limited to 15% - 20% of the sum insured. <p>C. Contractor's Experience and Market Challenges</p> <p>Given the evolving risk landscape in hydroelectric projects, especially after major incidents such as Teesta III, Tapovan, and Silkyara Tunnel collapses, insurance providers have significantly revised their underwriting criteria. As a result:</p> <ul style="list-style-type: none"> • Insurers are not offering policies in line with the Contract requirements. • The increased deductibles and reduced coverage availability pose a financial burden on the Contractor, impacting project feasibility. <p>In light of the above, we respectfully request the Employer to review and reconsider the Insurance provisions under Clause</p> | The instant tender being invited in EPC mode, bid stipulations shall prevail. |

| Sl. No. | Ref. Clause No. | Tender Stipulations | Pre-bid queries /modifications requested by bidders | NEEPCO's Clarifications | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|--|--|--|---------------------------------------|-----------------------------|--------------|--|-----------------------------|--------------|--|--|--------------|---|--|--------------|--|--|--------------|--------------------------------------|--------------------------|--------------|--------------------------------|--------------------------|--------------|---------------------------|--------------------------|--------------|---------------------------|--------------------------|---------------|---|--------------------------|---|---------------------------------|
| | | | <p>18.2 and Appendix to Tender to align with the current market conditions. Specifically, we propose the following:</p> <p>1. Employer to Procure Insurance Directly: The Employer may directly procure insurance as per agreed terms with the insurer.</p> <p>2. Employer-Negotiated Insurance Terms for Contractor: The Employer may negotiate insurance terms with an insurer, and the Contractor shall procure coverage accordingly, with reimbursement provisions to maintain fairness among bidders.</p> <p>3. Gap Funding for Insurance Shortfalls: Any gap between the loss incurred and the insurance claim recovered may be borne by the Employer to mitigate financial risks.</p> <p>Therefore, it is requested that the same may please be considered for the subject tender and necessary corrigendum in this regard may please be issued.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Corrigendum-3, Vol-III, PCC, Appendix to Tender. | <p>13. The provisions stipulated in Clause 8.7 stand modified as under:</p> <p>“At the end of first paragraph of Sub-Clause 8.7, add:</p> <p>The Intermediate Contract Milestones shall be as under:</p> <table><tr><td>Milestone-1:</td><td>Handing over of DT liner pit (unit-I)</td><td>By 16th month *</td></tr><tr><td>Milestone-2:</td><td>Handing over of EoT crane beam at service bay including roof</td><td>By 16th month *</td></tr><tr><td>Milestone-3:</td><td>Handing over of EoT Crane beam at Machine hall</td><td>Unit-I: By 19th month * Unit-II: By 21st month * Unit-III: By 22nd month *</td></tr><tr><td>Milestone-4:</td><td>Handing over of site for spiral case erection</td><td>Unit-I: By 19th month * Unit-II: By 21st month * Unit-III: By 22nd month *</td></tr><tr><td>Milestone-5:</td><td>Completion of Barrel concreting including floors</td><td>Unit-I: By 24th month * Unit-II: By 26th month * Unit-III: By 27th month *</td></tr><tr><td>Milestone-6:</td><td>Completion of Barrage and HRT Intake</td><td>35th month *</td></tr><tr><td>Milestone-7:</td><td>Completion of Head Race Tunnel</td><td>36th month *</td></tr><tr><td>Milestone-8:</td><td>Completion of Surge Shaft</td><td>23rd month *</td></tr><tr><td>Milestone-9:</td><td>Completion of Valve House</td><td>23rd month *</td></tr><tr><td>Milestone-10:</td><td>Completion of Pressure Shaft and Penstock</td><td>30th month *</td></tr></table> <p>*Period reckoned from 1st Nov 2025.</p> | Milestone-1: | Handing over of DT liner pit (unit-I) | By 16 th month * | Milestone-2: | Handing over of EoT crane beam at service bay including roof | By 16 th month * | Milestone-3: | Handing over of EoT Crane beam at Machine hall | Unit-I: By 19 th month * Unit-II: By 21 st month * Unit-III: By 22 nd month * | Milestone-4: | Handing over of site for spiral case erection | Unit-I: By 19 th month * Unit-II: By 21 st month * Unit-III: By 22 nd month * | Milestone-5: | Completion of Barrel concreting including floors | Unit-I: By 24 th month * Unit-II: By 26 th month * Unit-III: By 27 th month * | Milestone-6: | Completion of Barrage and HRT Intake | 35 th month * | Milestone-7: | Completion of Head Race Tunnel | 36 th month * | Milestone-8: | Completion of Surge Shaft | 23 rd month * | Milestone-9: | Completion of Valve House | 23 rd month * | Milestone-10: | Completion of Pressure Shaft and Penstock | 30 th month * | <p>We wish bring to your notice that, there are total around 16 Milestones given in the tender document. Considering the EPC nature of the job, we suggest that there should be a maximum of 5 to 6 Milestones for a given scope of the project. Please review and confirm.</p> | Bid stipulations shall prevail. |
| Milestone-1: | Handing over of DT liner pit (unit-I) | By 16 th month * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Milestone-2: | Handing over of EoT crane beam at service bay including roof | By 16 th month * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Milestone-3: | Handing over of EoT Crane beam at Machine hall | Unit-I: By 19 th month * Unit-II: By 21 st month * Unit-III: By 22 nd month * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Milestone-4: | Handing over of site for spiral case erection | Unit-I: By 19 th month * Unit-II: By 21 st month * Unit-III: By 22 nd month * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Milestone-5: | Completion of Barrel concreting including floors | Unit-I: By 24 th month * Unit-II: By 26 th month * Unit-III: By 27 th month * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Milestone-6: | Completion of Barrage and HRT Intake | 35 th month * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Milestone-7: | Completion of Head Race Tunnel | 36 th month * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Milestone-8: | Completion of Surge Shaft | 23 rd month * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Milestone-9: | Completion of Valve House | 23 rd month * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Milestone-10: | Completion of Pressure Shaft and Penstock | 30 th month * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Corrigendum-3, Vol-III, PCC, Appendix to Tender. | <p>13. The provisions stipulated in Clause 8.7 stand modified as under:</p> | <p>We want to bring to your notice that the duration available for the Intermediate Milestone-6 Completion of Barrage and HRT Intake-35th Month & Milestone-8 Completion of Surge Shaft-</p> | Bid stipulations shall prevail. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Sl. No. | Ref. Clause No. | Tender Stipulations | Pre-bid queries /modifications requested by bidders | NEEPCO's Clarifications | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|--|--|--|-----------------------------|--------------|--|-----------------------------|--------------|--|--|-------------|---|--|-------------|--|--|-------------|--------------------------------------|--------------------------|-------------|--------------------------------|--------------------------|-------------|---------------------------|--------------------------|-------------|---------------------------|--------------------------|--------------|---|--------------------------|--|--|
| | | <p>"At the end of first paragraph of Sub-Clause 8.7, add: The Intermediate Contract Milestones shall be as under:</p> <table><tr><td>Milestone 1:</td><td>Handing over of DT liner pit (unit-I)</td><td>By 16th month *</td></tr><tr><td>Milestone 2:</td><td>Handing over of EoT crane beam at service bay including roof</td><td>By 16th month *</td></tr><tr><td>Milestone 3:</td><td>Handing over of EoT Crane beam at Machine hall</td><td>Unit-I: By 19th month * Unit-II: By 21st month * Unit-III: By 22nd month *</td></tr><tr><td>Milestone-4</td><td>Handing over of site for spiral case erection</td><td>Unit-I: By 19th month * Unit-II: By 21st month * Unit-III: By 22nd month *</td></tr><tr><td>Milestone-5</td><td>Completion of Barrel concreting including floors</td><td>Unit-I: By 24th month * Unit-II: By 26th month * Unit-III: By 27th month *</td></tr><tr><td>Milestone-6</td><td>Completion of Barrage and HRT Intake</td><td>35th month *</td></tr><tr><td>Milestone-7</td><td>Completion of Head Race Tunnel</td><td>36th month *</td></tr><tr><td>Milestone-8</td><td>Completion of Surge Shaft</td><td>23rd month *</td></tr><tr><td>Milestone-9</td><td>Completion of Valve House</td><td>23rd month *</td></tr><tr><td>Milestone-10</td><td>Completion of Pressure Shaft and Penstock</td><td>30th month *</td></tr></table> <p>*Period reckoned from 1st Nov 2025.</p> | Milestone 1: | Handing over of DT liner pit (unit-I) | By 16 th month * | Milestone 2: | Handing over of EoT crane beam at service bay including roof | By 16 th month * | Milestone 3: | Handing over of EoT Crane beam at Machine hall | Unit-I: By 19 th month * Unit-II: By 21 st month * Unit-III: By 22 nd month * | Milestone-4 | Handing over of site for spiral case erection | Unit-I: By 19 th month * Unit-II: By 21 st month * Unit-III: By 22 nd month * | Milestone-5 | Completion of Barrel concreting including floors | Unit-I: By 24 th month * Unit-II: By 26 th month * Unit-III: By 27 th month * | Milestone-6 | Completion of Barrage and HRT Intake | 35 th month * | Milestone-7 | Completion of Head Race Tunnel | 36 th month * | Milestone-8 | Completion of Surge Shaft | 23 rd month * | Milestone-9 | Completion of Valve House | 23 rd month * | Milestone-10 | Completion of Pressure Shaft and Penstock | 30 th month * | <p>23rd Month are very less. As per our planning and experiences it should be around as follows: 1. Milestone-6-Completion of Barrage and HRT Intake-37th Month 2. Milestone-8 Completion of Surge Shaft- 26th Month.</p> <p>Please review and confirm.</p> | |
| Milestone 1: | Handing over of DT liner pit (unit-I) | By 16 th month * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Milestone 2: | Handing over of EoT crane beam at service bay including roof | By 16 th month * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Milestone 3: | Handing over of EoT Crane beam at Machine hall | Unit-I: By 19 th month * Unit-II: By 21 st month * Unit-III: By 22 nd month * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Milestone-4 | Handing over of site for spiral case erection | Unit-I: By 19 th month * Unit-II: By 21 st month * Unit-III: By 22 nd month * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Milestone-5 | Completion of Barrel concreting including floors | Unit-I: By 24 th month * Unit-II: By 26 th month * Unit-III: By 27 th month * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Milestone-6 | Completion of Barrage and HRT Intake | 35 th month * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Milestone-7 | Completion of Head Race Tunnel | 36 th month * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Milestone-8 | Completion of Surge Shaft | 23 rd month * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Milestone-9 | Completion of Valve House | 23 rd month * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Milestone-10 | Completion of Pressure Shaft and Penstock | 30 th month * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Vol. I, Part 1, Clause 1 | - | <p>We note that the scope of works is modified by excluding the E&M works and the estimated cost is accordingly reduced to Rs. 660.12 Crores from Rs. 1061.24 Crores, which works out to a reduction of Rs. 401.12 Crores. Based on our preliminary assessment, we are of the opinion that the reduction done on account of exclusion of E&M works appears to be not proportionate, thereby the estimate of Civil & HM works has become unworkable. We request you to kindly review your estimate for Civil & HM Works in view of EPC Contract including design & engineering included in the scope of the contractor.</p> | <p>Estimated cost of the tendered work is not subject to review during the currency of the tender. Bidders are expected to participate in the bid and quote competitive prices. The comment has explicitly expressed that the estimated cost of the tender is not workable for the respective bidder and the same has been noted for future reference.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Vol.-VI, Part-2, Note-03 of Item-10 (Schedule of payments for "Hydro Mechanical Works") | <p>Pro-rate Payment against the schedule of payment mentioned above may be released in stages against the progress achieved after 25%, 50%, 75% and 100% on completion of the respective milestone.</p> | <p>We require clarity on the schedule of payment for Hydro-Mechanical Works. The method for deriving the "Progress achieved" is unclear. We suggest that the same shall be linked with the identifiable activities as below; to avoid any conflicts during execution, which is a common industry practice.</p> <p>a) Approval of design-10% b) Procurement of material- 40% (on production of Invoice, Purchase Order copies) c) Readiness of Gate at Ex-Works-40% d) Transportation and delivery at site-10%</p> | <p>The progress of the works against the milestone shall be determined in the following manner:</p> <p>1. The works against the HM equipment shall be quantified on the basis of final approved drawings in MT/Set as the case may be. 2. Actual progress shall be determined as per physical progress achieved against the</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Sl. No. | Ref. Clause No. | Tender Stipulations | Pre-bid queries /modifications requested by bidders | NEEPCO's Clarifications |
|---------|---|--|---|--|
| | | | | quantified works of the respective items. |
| 10 | Vol-VI, Part-2 (Schedule of Payment), Schedule of payments for "Hydro Mechanical Works", Sl. No. 10.1 | Supply, transportation, insurance, storage of spillway Radial Gates & Hydraulic Hoist with all embedments and all accessories complete in all respects | - | Sl. No. 10.1 stands modified as under: <i>"Supply, transportation, insurance, storage of spillway Radial Gates with all embedments and all accessories complete in all respects"</i> Corrigendum in this regard is being issued. |
| 11 | Clause No. 15.2 of Vol-I, Part-2 (ITB) | Alternatively, the Bidder shall submit the Bid Security in the form of account payee Demand Draft/ Fixed Deposit Receipt/ Banker's Cheque /Insurance Surety Bond / payment through "SB-COLLECT" of State Bank of India or payment online also. | As per Clause No. 15.2 of Vol-I Part-2 of the ITB, bidders are required to submit the Earnest Money Deposit (EMD) in the form of an insurance security bond. We kindly request that you provide the appropriate form for the insurance security bond, in accordance with the stated clause. | Format of Insurance Surety Bond for Bid Security is being incorporated through a Corrigendum. |

Am
07/03/25

Am
07-03-2025

AS
07/03/25