

Pre-bid Clarifications No. 2 Dated 04.03.2025 to Pre-bid queries on stipulations of Bid Document against NIB No. 469 Dated 19-12-2024 for "Package-II: Hydro Mechanical & Penstock Steel Liner Works for Tato-I Hydro Electric Project (186 MW), Arunachal Pradesh"

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

SI. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid queries of Bidders	NEEPCO's Clarifications
1	Cl. No. 1.3.2: Under Sluice Stoplogs, Lifting Beam and Monorail Crane of Part-2: Information for Bidders, Cl. No. 1.5.2 of Part-5A: General Technical Specifications & Cl. No. 3.1.2 of Part-5B: Particular Technical Specifications for Gate and Hoists	Two sets of first stage embedded parts insert, corner angles, groove embedded frame at deck level suitable for removable/ fixed steel groove cover etc.	As per the bid conditions (i.e., Cl. No. 1.3.2, Cl. No. 1.5.2 & Cl. No. 3.1.2), you have mentioned two sets of first stage embedded parts insert. But where as in BOQ vide Sl. No. 1.03 & as per Cl. No. 3.1.3: Design data for Stoplogs, No. of sets of embedded parts indicated as three sets of first stage embedded parts. Request you kindly confirm	It is clarified that 2 set of first stage shall be required for 2 nos. of opening and 1 set shall be required for storage bay. As such, BoQ is kept for 3 sets.
2	Cl. No. 1.3.2: Under Sluice Stoplogs, Lifting Beam and Monorail Crane of Part-2: Information for Bidders, Cl. No. 1.5.2 of Part-5A: General Technical Specifications & Cl. No. 3.1.2 of Part-5B: Particular Technical Specifications for Gate and Hoists	Two sets of second stage embedded parts complete with slide tracks, sill beam, lintel beam, side seal seats and bases, groove liner, removable steel groove cover, side guides, dogging devices, anchors with nuts and washers etc.	As per the bid conditions (i.e., Cl. No. 1.3.2, Cl. No. 1.5.2 & Cl. No. 3.1.2), you have mentioned two sets of second stage embedded parts. But where as in BOQ vide Sl. No. 1.03 & as per Cl. No. 3.1.3: Design data for Stoplogs, No. Of sets of embedded parts indicated as three sets of second stage embedded parts. Request you kindly confirm.	It is clarified that 2 set of first stage shall be required for 2 nos. of opening and 1 set shall be required for storage bay. As such, BoQ is kept for 3 sets.

Pre-bid Clarifications No. 2 Dated 04.03.2025 to Pre-bid queries on stipulations of Bid Document against NIB No. 469 Dated 19-12-2024 for "Package-II: Hydro Mechanical & Penstock Steel Liner Works for Tato-I Hydro Electric Project (186 MW), Arunachal Pradesh"

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

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid queries of Bidders	NEEPCO's Clarifications
3	Cl. No. 1.3.5: Intake Trash rack of Part-2: Information for Bidders & Cl. No. 1.5.8 of Part-5A: General Technical Specifications	Three (3) sets of inclined trash racks, for the bay of bay opening size of 5.0m wide x 20.4.0m high complete in all respect. Each set of trash racks consisting of ten (8) panels each of size 5.m wide x 2.550m height.	Please correct word "Ten (8)" as "Eight (8)".	The Cl. 1.3.5 of Part-2: Information for Bidders is modified. <u>Please refer Corrigendum No. 5 Dtd. 04.03.2025.</u>
4	Cl. No. 1.3.8: Power Intake Trash rack of Part-2: Information for Bidders & Cl. No. 1.5.8 of Part-5A: General Technical Specifications	Three (3) sets of inclined trash racks, for clear bay opening size of 3.5 m wide x 19.5m high complete in all respect. Each set of trash racks consisting of Ten (6) panels.	Please correct word "Ten (6)" as "Six (6)".	The particular clauses are modified. <u>Please refer Corrigendum No. 5 Dtd. 04.03.2025.</u>
5	Cl. No. 1.3.10: Adit Gate for HRT of Part-2: Information for Bidders, Cl. No. 1.5.10 of Part-5A: General Technical Specifications & Cl. No. 10.1 & 10.3 of Part-5B: Particular Technical Specifications for Gate and Hoists	One (1) number hinged type adit gate suitable for opening size of 2.5 m wide x 2.5 m high comprising of skin plate, stiffeners, girders, sealing and bearing members, connecting hinge members and suitable piping and valves (minimum 250 mm Ø) for dewatering purpose and pressure gauge for measuring HRT water pressure.	As per the bid conditions (Cl. No. 1.3.10, 1.5.10 & 10.1), you have mentioned one set of hinged type adit gate. But where as in BOQ vide Sl. No. 5, three sets of hinged type adit gates as mentioned. Kindly confirm.	The particular clauses are modified. <u>Please refer Corrigendum No. 5 Dtd. 04.03.2025.</u>

Pre-bid Clarifications No. 2 Dated 04.03.2025 to Pre-bid queries on stipulations of Bid Document against NIB No. 469 Dated 19-12-2024 for "Package-II: Hydro Mechanical & Penstock Steel Liner Works for Tato-I Hydro Electric Project (186 MW), Arunachal Pradesh"

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

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid queries of Bidders	NEEPCO's Clarifications
		<p>One (1) sets of fabricated embedded parts for gate opening of 2.5 m x 2.5 m consisting of track cum sealing frames, embedments required for fixing hinges and locking bolts etc. complete in all respects including first stage anchors.</p> <p>No. of sets of embedded part: 1 set</p>		
6	<p>Cl. No. 1.4: Schedule of payment of Part-8: Bill of Quantities & Schedule of Payment</p>	<p>A. BoQ Item No. (1.01 to 1.04), (2.01 to 2.05), (3.01 to 3.05), (4.01, 4.02) and 5 stated above</p> <p>The payment shall be released in phased manner against the progress achieved in the milestones stated below:</p> <p>1. Milestone- A : Design and Drawings</p> <p>Payment at 5 % (Five percent) of BoQ amount shall be paid to the Contractor against approval of the design and drawings on</p>	<p>We request NEEPCO to modify the payment terms as follows:</p> <p>The payment shall be released in phased manner against the progress achieved in the milestones stated below:</p> <p>1. Milestone- A : Design and Drawings</p> <p>Bid condition shall prevail.</p> <p>2. Milestone- B : Fabrication and Supply of Equipment</p> <p>Payment at 75% (Seventy percent) of BoQ amount shall be paid to the Contractor on pro-rata basis</p>	<p>The particular clause is modified.</p> <p><u>Please refer Corrigendum No. 5 Dtd. 04.03.2025.</u></p>

[Handwritten signatures and initials]

Pre-bid Clarifications No. 2 Dated 04.03.2025 to Pre-bid queries on stipulations of Bid Document against NIB No. 469 Dated 19-12-2024 for "Package-II: Hydro Mechanical & Penstock Steel Liner Works for Tato-I Hydro Electric Project (186 MW), Arunachal Pradesh"

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

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid queries of Bidders	NEEPCO's Clarifications
		<p>certification by the Engineer-In-Charge.</p> <p>2. Milestone- B : Fabrication and Supply of Equipment</p> <p>Payment at 45% (Forty Five percent) of BoQ amount shall be paid to the Contractor against supply of complete equipment at project site on certification by the Engineer-In-Charge.</p> <p>3. Milestone- C : Erection of Equipment</p> <p>Payment at 30% (Thirty percent) of BoQ amount shall be paid to the Contractor against erection of complete equipment on certification by the Engineer-In-Charge.</p> <p>4. Milestone- D : Trial Run and commission</p> <p>Payment at 20% (Twenty percent) of BoQ amount shall be paid to the</p>	<p>against supply of equipment at project site on certification by the Engineer-In-Charge.</p> <p>3. Milestone- C : Erection of Equipment</p> <p>Payment at 15% (Fifteen percent) of BoQ amount shall be paid to the Contractor on pro-rata basis against erection of equipment on certification by the Engineer-In-Charge.</p> <p>4. Milestone- D : Trial Run and commission</p> <p>Payment at 5% (Five percent) of BoQ amount shall be paid to the Contractor against successful commissioning and trial run of the equipment on the basis of handing over certificates issue to the Contractor by the Engineer-In-Charge.</p>	

Pre-bid Clarifications No. 2 Dated 04.03.2025 to Pre-bid queries on stipulations of Bid Document against NIB No. 469 Dated 19-12-2024 for "Package-II: Hydro Mechanical & Penstock Steel Liner Works for Tato-I Hydro Electric Project (186 MW), Arunachal Pradesh"

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

SI. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid queries of Bidders	NEEPCO's Clarifications
		Contractor against successful commissioning and trial run of the equipment on the basis of handing over certificates issue to the Contractor by the Engineer-In-Charge.		
7	Cl. No. 1.4: Schedule of payment of Part-8: Bill of Quantities & Schedule of Payment	<p>B. BoQ Item No. 7.01 to 7.03 stated above</p> <p>1. Milestone- A Design and Drawings</p> <p>Payment at 5 % (Five percent) of BoQ amount shall be paid to the Contractor against approval of the design and drawings on certification by the Engineer-In-Charge.</p> <p>2. Milestone- B: Supply of Steel plates</p> <p>Payment at 25% (Twenty Five percent) of BoQ amount shall be paid to the Contractor against procurement of materials required for completion of the works</p>	<p>We request NEEPCO to modify the payment terms as follows:</p> <p>1. Milestone- A Design and Drawings</p> <p>Bid condition shall prevail.</p> <p>2. Milestone- B: Supply of Steel plates</p> <p>Payment at 55% (Fifty five percent) of BoQ amount shall be paid to the Contractor on pro-rata basis against procurement of materials. The reasons for this request is because the procurement of material itself is costing about 75% of the total contract value. Moreover, as per Payment terms, again NEEPCO is retaining 10% payment against all bills towards Commissioning and trail run charges in addition to CPG.</p> <p>3. Milestone- B Fabrication</p>	<p>The particular clause is modified.</p> <p><u>Please refer Corrigendum No. 5 Dtd. 04.03.2025.</u></p>

Pre-bid Clarifications No. 2 Dated 04.03.2025 to Pre-bid queries on stipulations of Bid Document against NIB No. 469 Dated 19-12-2024 for "Package-II: Hydro Mechanical & Penstock Steel Liner Works for Tato-I Hydro Electric Project (186 MW), Arunachal Pradesh"

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

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid queries of Bidders	NEEPCO's Clarifications
		<p>progressively on submission of proforma invoice and verification of Mill test certificate etc. by the Owner. However, payment against this milestone shall be restricted to the quantity as per approved fabrication drawings.</p>	<p>Payment at 20 % (Twenty percent) of BoQ amount shall be paid to the Contractor on Pro-rata basis after fabrication of the liner ferrules as per approved fabrication drawings progressively on the basis of acceptance certificate issued by the Owner.</p>	
		<p>3. Milestone- B Fabrication</p>	<p>4. Milestone- C : Erection</p>	
		<p>Payment at 40 % (Twenty percent) of BoQ amount shall be paid to the Contractor after fabrication of the liner ferrules as per approved fabrication drawings progressively on the basis of acceptance certificate issued by the Owner.</p>	<p>Payment at 15% (Fifteen percent) of the BoQ amount shall be paid to the Contractor on Pro-rata basis after erection of the equipments as per progress achieved in the erection works and acceptance of the same by the Owner. However, payment against this milestone shall be restricted to the quantity as per approved fabrication drawings.</p>	
		<p>4. Milestone- C : Erection</p>	<p>5. Milestone- D : Commissioning and trial run of the Penstock & Steel In-Liner.</p>	
		<p>Payment at 20 % (Twenty percent) of the BoQ amount shall be paid to the Contractor after erection of the equipments as per progress achieved in the erection works and acceptance of the same by the Owner. However, payment against this milestone shall be</p>	<p>Payment at 5% (Five percent) of BoQ amount shall be paid to the Contractor on Pro-rata basis after successful commissioning and trial run of the equipment on the basis of acceptance certificate issued by the Owner. However, payment against this milestone shall be restricted to the quantity as per approved fabrication drawings.</p>	

Pre-bid Clarifications No. 2 Dated 04.03.2025 to Pre-bid queries on stipulations of Bid Document against NIB No. 469 Dated 19-12-2024 for "Package-II: Hydro Mechanical & Penstock Steel Liner Works for Tato-I Hydro Electric Project (186 MW), Arunachal Pradesh"

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

Sl. No.	Reference to Bid Document Clause	Provision of Bid document	Pre-Bid queries of Bidders	NEEPCO's Clarifications
		<p>restricted to the quantity as per approved fabrication drawings.</p> <p>5. Milestone- D : Commissioning and trial run of the Penstock & Steel In-Liner.</p> <p>Payment at 10 % (Ten percent) of BoQ amount shall be paid to the Contractor after successful commissioning and trial run of the equipment on the basis of acceptance certificate issued by the Owner. However, payment against this milestone shall be restricted to the quantity as per approved fabrication drawings.</p>		
8	2.4- Material Standard vi- Materials for Pressure shaft liners (2)	<p>2. Bond Breaking Material: Mixture of high quality polyethylene copolymer with amorphous bitumen having following properties: Density : 0.97 g/cm³ Modulus of rigidity: 130 MPa Shrinkage reduction: 30%</p>	<p>As per Cl. No 5.4.5 (i): Exterior surface of steel liners of Part-5A: General Technical Specifications, you have mentioned bond breaking material for Pressure shaft liners as "Lucobit-1218 wrapping. Nowhere less than 15mm".</p> <p>Hence, request you to kindly consider as above.</p>	Bid stipulations shall prevail.

ARM

M
04/03/2025

AS
04/03/25