

Clarification No. 01 Dated 04.06.2025 to Bidders' Query
Bid No. GEM/2025/B/6127282 Dated 09.04.2025.

Name of Service: Tender for undertaking Contractor's All Risk (CAR) Insurance Policy along with Terrorism Coverage 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, for a period of 45(forty five) months with 12 months Additional Maintenance Coverage.

Sl. No.	Ref. Clause	Provision of Bid Document	Bidders' Query	NEEPCO's Response
1	-----	Additional information sought by bidders.	Detailed sum-insured breakup for Major components (e.g. Reservoir-Lower & Upper, Intake works, Power House, Surge Shaft, Tunnel - head Race & tail Race, Pressure Tunnel, Penstock, HM works as applicable.).	Weir & Coffor Dam: 15% Intake, Head Race Channel, escape channel, Adits, Head race Tunnel: 52% Surge Shaft & Valve House: 4% Penstock: 5% Power House & Tail Race: 19% Road Works: 5%
2	-----	-do-	Level 2 schedule.	The construction schedule incorporated in tender document is attached at Annexure-1 . L2 schedule is yet to be submitted by the Contractor.
3	-----	-do-	Plan drawings on the location of main dam, cofferdam, and the 2 tunnels.	The Tender Drawings Volume is enclosed as Annexure-2 .
4	-----	-do-	Construction method statement for the 2 tunnels and the location of these 2 tunnels on plan and drawings.	The construction methodology submitted by the contractor in their bid is attached at Annexure-3 .
5	-----	-do-	Length and size (i.e detail) of the dam (i.e. overflow concrete, non-overflow concrete and the earth dam).	The instant project envisages construction of Weir. For the details of the same, Drawings enclosed as Annexure-2 may be referred.
6	-----	-do-	Detailed Geo-technical report, Soil investigation report.	Relevant Chapter of the DPR are enclosed herewith as Annexure-4 .
7	-----	-do-	Feasibility report.	TEC of the Project is enclosed at Annexure-5 .
8	-----	-do-	Fire and flood mitigation measures.	NEEPCO has Fire & Safety department and man-power for the same are posted at site during construction to ensure compliance of Fire & Safety measures. Regarding flood mitigation, Disaster Management Plan of DPR is attached at Annexure-6 .
9	-----	-do-	Emergency response plan and project quality plan.	The EIA & EMP Studies have been carried out during DPR stage. The statutory guidelines on Emergency Response Plan is followed during construction of the Project. The Model QAP is a part of contract document and the detailed QAP is submitted by the Contractor.
10	-----	-do-	Any instrumentation monitoring (such as settlement marker, tiltmeter, piezometer etc).	Yes

11	-----	-do-	Risk assessment and risk register.	Yes, it is a part of contract document.
12	-----	-do-	Any third party supervision for the works.	Yes, to be supervised by Project Management Consultant.
13	-----	-do-	Risk management plan.	Yes, it is a part of Risk Register.
14	-----	-do-	Design parameters adopted to prevent dam breaking and flood.	A small weir shall be constructed for diversion of water.
15	-----	-do-	Fire and flood protection measures to be deployed during construction.	Please refer to the reply indicated at Sl. No. 8 above.
16	-----	-do-	ESG considerations report – addressing the environmental, social and government related topics Relocation / Resettlement and compensation, Impact of project on Local population's access to natural resources such as water, fisheries or land, Public consultation / consent of Indigenous people.	Yes, these are considered and under implementation.
17	-----	-do-	List of indigenous and imported equipment/ items if any.	Imported equipment/items are not envisaged for the civil works.
18	-----	-do-	Construction methodology and design parameters adopted.	Construction methodology as submitted by the contractor in their bid is enclosed at Annexure-3 . Design parameters shall be finalized during detail design.
19	-----	-do-	Slope protection measures at dam site, cofferdam, intake structures of powerhouse and existing reservoir.	Slope protection measures shall be finalized during detail design.
20	-----	-do-	Project set-up (role of principal, contractors, sub-contractors, and their risk management approach). Detail of design consultant/ engineer and project management consultants involved with their experience.	NEEPCO has engaged M/s Tractabel Engineers Pvt. Ltd. as design consultant for the Project. The tender for and project management consultancy is under process.
21	-----	-do-	Sectional view of the tunnel and the RMR / Q rating along the profile; Fault lines / fractured zones required in the tunnels.	The Tender Drawings Volume is enclosed as Annexure-2 .
22	-----	-do-	How will flooding be prevented from the tail race or probe holes during construction in power house.	There will be natural barrier beyond power house towards river.
23	-----	-do-	If penstock fails, can the powerhouse be submerged.	Penstock Rupture Device shall be installed.
24	-----	-do-	Is cofferdam part of the project, what is the RP for floods for which cofferdam has been designed.	Coffer dam is a temporary structure to facilitate construction of weir. The lean season diversion flood of TR 25 has been considered in DPR.
25	-----	-do-	KMZ file.	The *.kmz file pertaining to Project Location is enclosed as Annexure-7 .
26	-----	-do-	Name of the Contractor assigned for this project	Civil Contractor: M/s IRCON International Ltd.
27	-----	-do-	Year of experience of the contractor in similar nature of work.	The Contractor is a Govt. of India Undertaking under Ministry of Railways and having nearly 50 years of experience.
28	-----	-do-	Detailed project report.	Specific requirement from the DPR may

				be sought for.
29	-----	-do-	Project Cost bifurcation details.	Weir & Coffor Dam: 15% Intake, Head Race Channel, escape channel, Adits, Head race Tunnel: 52% Surge Shaft & Valve House: 4% Penstock: 5% Power House & Tail Race: 19% Road Works: 5%
30	-----	-do-	Details of precautionary measures taken to prevent flood at the project site.	Regarding flood mitigation, Disaster Management Plan of DPR is attached at Annexure-6 .
31	-----	-do-	Project BOQ sheet.	BOQ for the Civil works is attached as Annexure-8 .
32	-----	-do-	Project L2 Bar chart.	The construction schedule incorporated in tender document is attached at Annexure-1 . L2 schedule is yet to be submitted by the Contractor.
33	-----	-do-	Confirm whether the project has started already. If yes please share the loss details (if any) till date.	The LOA has been issued and mobilization of contractor expected shortly.
34	-----	-do-	Geological, Seismological and Soil Investigation Report for the project.	Relevant Chapter of the DPR are enclosed herewith as Annexure-4 .
35	-----	-do-	Hydrological Report for the project.	Relevant Chapter of the DPR is enclosed herewith as Annexure-9 .
36	-----	-do-	NATCAT Events happened in and around the project site in the last 10 years.	Details of NATCAT events may be collected from the Vulnerability Atlas available in the website www.bmtpc.org.
37	-----	-do-	Last 10 years flood and inundation data for the project area/ district.	Details of last 10 years flood & inundation data may be collected from concerned department of the State Govt. and Vulnerability Atlas available in the website www.bmtpc.org.
38	-----	-do-	Who is/are the contractor(s) involved in this package?	Civil Contractor: M/s IRCON International Ltd.
39	-----	-do-	Percentage of Wet works & Coffor Dams involved out of total Sum Insured?	Weir & Coffor dam works: 15% (Approx.) of Contract Price of Civil Works.
40	-----	-do-	What would be the distance between the power house and the constructed dam?	The aerial distance from weir to Power House is 4.5 km. The actual road distance shall be finalized during detail design.
41	-----	-do-	When is the construction work expected to start?	LOA has been issued on 02/05/2025. Mobilization by contractor is likely to be started from June 2025.
42	-----	-do-	What will be the life of the diversion tunnel? How can it accommodate any delay in project duration?	There is no diversion tunnel for the said project. Stage diversion is planned.

Note: All the Annexures-1 to 9 under Clarification No. 01 are attached in the link given below:

<https://drive.google.com/drive/folders/1IKfFsbOmdhasAXoXXkz-oW3ggcgeJB3j?usp=sharing>