

**ADDENDUM - I AND CLARIFICATIONS TO BIDDERS' QUERIES
STAGE 1 BIDDING DOCUMENTS
PACKAGE: WC I- DAM**

The Employer hereby issues the following clarifications in response to the queries received from prospective Bidders in connection with the Stage 1 Bidding Documents for Package WC I.

These clarifications shall be read in conjunction with the relevant provisions of the Bidding Documents. Except as specifically clarified, amended, or supplemented herein, all provisions, terms, conditions, specifications, and requirements of the Bidding Documents shall remain unchanged.

Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
1	ITB-8		To confirm the date and schedule for the proposed site visit, along with any other relevant details or requirements for participation	The bidder, in its own interest, should inspect and examine the site and its surroundings and satisfy themselves. No separate schedule for site visit is planned by the Employer.
2	ITB Sub-Clauses 8.2 & 8.3 (Site Information)	We have found that no prospective partner is willing to commit without first visiting the Site, which we understand entirely, since under ITB Sub-Clauses 8.2 and 8.3 the site information is indicative only and the Bidder bears the risk. Arranging entry formalities for foreign personnel and inspecting a project spread from the dam to the tail race would itself take two to three weeks.	In the circumstances, we most humbly and respectfully request the kind consideration of the Management of Wangchhu Hydroelectric Power Limited for an extension of the submission deadline for all three packages by 2 months, from 24 September 2026 to 24 November 2026, together with such consequential extension of the last date for queries, the bid validity and the bid security validity as the Employer may deem fit.	The Bid submission is extended by two weeks. The Bid shall now be submitted on 8 October, 2026 at 1430 hrs (BST). The corresponding dates, including Bid Validity and Bid Security validity, shall be extended accordingly.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
3	ITB Sub-Clause 19.1 (Pre-Bid Meeting); ITB Sub-Clause 11.3 (Extension of Deadline); Bid Security	We note with respect that no pre-bid meeting is being held (ITB Sub-Clause 19.1) and that queries close on 10 September 2026, and we humbly draw comfort from ITB Sub-Clause 11.3, which in the Employer's own wisdom contemplates extension of the deadline where Bidders require reasonable time. We would also mention, with due deference, that the bid securities for the three packages aggregate Nu. 320 million and require formal credit sanction from our bankers. We venture to submit, with humility, that only a handful of Bhutanese national contractors are in a position to bid these packages. A slightly longer window would allow those of us who are able to form a strong and appropriate Joint Venture to come forward, and would, we respectfully believe, serve the Employer well by increasing the number of qualified proposals received.	In the circumstances, we most humbly and respectfully request the kind consideration of the Management of Wangchhu Hydroelectric Power Limited for an extension of the submission deadline for all three packages by 2 months, from 24 September 2026 to 24 November 2026, together with such consequential extension of the last date for queries, the bid validity and the bid security validity as the Employer may deem fit. We wish to assure your good office that our preparation is already well under way, and that this request is made only because the selection of a partner, the site visit and the execution of the Joint Venture instruments rest upon parties and formalities beyond our sole control. We shall, of course, abide by whatever decision the Employer in its wisdom may take.	
4	Cl No 19 of ITB (Section-II)	No Pre-Bid Meeting shall be conducted for the Stage 1 Bidding Process. However, Bidders may seek clarification on the Bidding Documents in accordance with the provisions of Clause 10 [Clarification of Bidding Documents]. The Employer shall respond to such clarification requests in writing and, where necessary, issue an Addendum to the Bidding Documents.	We request the Employer to kindly arrange a Pre-Bid Meeting and Site Visit to enable the Bidders to understand the project requirements, site conditions, scope of work, and other relevant aspects for preparation of the construction methodology and technical submissions in accordance with the Tender requirements.	Bid provisions shall prevail.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
5	A – Bidding Process Query window, site visit and pre-bid meeting Ref: IFB cl.5; BDS cl.10 & 19; ITB cl.8	Documents were issued on 24 Aug 2026, queries close 10 Sep 2026 and bids are due 24 Sep 2026 — about 31 days, with no pre-bid meeting and no organized site visit, for a package needing a firm methodology and hydro-mechanical data.	Please arrange an organized site visit (with access to the exploratory drifts), hold a pre-bid meeting, and extend the bid submission deadline by at least 2months after replies to queries are issued.	The bidder, in its own interest, should inspect and examine the site and its surroundings and satisfy themselves. No separate schedule for site visit is planned by the Employer.
6	Contract Package: WC I – Dam, Contract Package: WC II – HRT, Contract Package: WC III – Powerhouse Section-2-ITB, Clause 19- Pre-Bid Meeting	No Pre-Bid Meeting shall be conducted for the Stage 1 Bidding Process.	We respectfully request to organize a Pre-Bid Meeting for the Stage 1 Bidding Process. The project involves significant technical, construction, commercial, and contractual aspects that may require clarification before bid submission. This will ensure a common understanding among bidders, minimize ambiguities, and enable submission of more responsive and competitive bids.	Bid provisions shall prevail.
7	Submission of Pre-bid Queries and Request for Extension of Bid Submission Due Date – Cover Letter dated 10.09.2026 (RFB Nos. WHPL/021/2026, WHPL/022/2026 and WHPL/023/2026)	We are keen to participate in the bidding process for the subject works. Considering the substantial volume and complexity of the project works, we kindly request additional One Week of time to submit the WC-III pre-bid queries and further pre-bid queries for WC-I and WC-II. We also request the Employer to kindly conduct the Pre-Bid Meeting, to enable us to obtain the required clarifications and assess the site conditions appropriately.	In view of the above, we kindly request you to extend the bid submission deadline by at least three (3) weeks from the current date of submission 24-09-2026, to enable us to prepare and submit a bids.	The Bid submission is extended by two weeks. The Bid shall now be submitted on 8 October, 2026 at 1430 hrs (BST). The corresponding dates, including Bid Validity and Bid Security validity, shall be extended accordingly.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
12	Bidding Documents for Stage 1 Qualification and Technical Proposals – Page 12, Clause 2.1 Source of Fund	The Project financing is structured as 70:30 debt equity ratio and being implemented under strategic partnership between Druk Green Power Corporation Limited (DGPC), holding a 51% equity stake, and Adani Power Limited (APL), holding a 49% equity stake. The debt financing is being arranged from financial institutes in India.	1. The statement mentions 'debt portion is proposed to be raised'. Kindly confirm whether Debt portion has already been arranged. 2. If answer to the above is yes, who is the lead financing agency? 3. Kindly clarify the modality of payment to EPC i.e. whether entire payment will be paid by the SPV? 4. Kindly highlight the modality of release of Debt amount to the project. Is it in proportion to the equity infused by developer or will it be released once entire equity is infused by developer.	The debt is being arranged from Financial Institute in India. Bidders must note that this is the Item Rate Contract. Payments shall be made accordance with the provisions of the Contract.
13	CI No 02 of ITB (Section-II)	The Project financing is structured as 70:30 debt equity ratio and being implemented under strategic partnership between Druk Green Power Corporation Limited (DGPC), holding a 51% equity stake, and Adani Power Limited (APL), holding a 49% equity stake. The debt financing is being arranged from financial institutes in India.	We request the Employer to kindly confirm the Source and availability of funds for the project.	
14	General Question		If a bidder has the required eligibility criteria for all the 3 packages; has sufficient bid capacity; and is the most responsive bidder in more than 1 package (e.g., if a bidder is lowest i.e., L 1 in all three packages) then, whether all	Refer Section 4 of the Bidding Document.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
			three packages can be awarded to the same bidder?	
15	Bidding Documents for Stage 1 Qualification and Technical Proposals – Page 08, ITB 3.2	Bidders should not have been banned/de-listed/black listed/debarred from business by the Employer or any Government institution or public sector enterprise or any government, Central or State or any statutory authority during the last 5 (five) years on grounds of corrupt/fraudulent practices.	1. Kindly confirm whether the employer/Govt. Institutions are the Royal Government of Bhutan or any institutions like world bank/ADB etc. 2. As this is a international tender and in Bhutan, we request you to limit this clause to Bhutan Govt institutions	The provision is not limited to Government institutions of Bhutan. It shall include the Employer (Client), Government Institutions, Public Sector Enterprises, Central or State Governments, Statutory Authorities and Multi-Lateral Banks (MDBs).
16	Bidding Documents for Stage 1 Qualification and Technical Proposals – Page 21, Section 4, Qualification and Technical Evaluation Requirements and Criteria	3.2 Stage 2 – Financial Evaluation Only Bidders determined to be Qualified under Stage 1 shall be eligible to participate in Stage 2. Stage 2 shall be conducted using one of the following approaches, as determined by the Employer in accordance with the approved Contract Award Strategy. 3.2.1 Competitive Financial Bidding 3.2.2 Direct Commercial Negotiation	The Employer is requested to clearly specify the financial evaluation methodology to be adopted, i.e., whether Competitive Financial Bidding or Direct Commercial Negotiation will be used for Stage 2 evaluation. The evaluation strategy should be defined upfront in the tender document to ensure transparency, predictability, and uniform understanding among all bidders.	The Employer shall decide the selection approach for Stage 2 Bidding prior to issuance of Stage 2 Bidding Documents to the qualified Bidders.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
17	Sec-4, Qualification and Technical Evaluation criteria, Cl. 7.4	Limitation on Award To promote balanced allocation of resources, reduce execution risk, and facilitate timely implementation of the Project, the Employer may limit the award to a maximum of two of the three Main Civil Works Contract Packages to any one contractor. Where the same Bidder is identified as the preferred Bidder for all three Contract Packages under the Competitive Financial Bidding approach, the Employer may award a maximum of two Contract Packages to that Bidder. The remaining Contract Package may be awarded to the next ranked Qualified Bidder, provided the Bidder agrees to execute the Contract at the established Lowest Evaluated Bid Price.	Awarding all three packages to one bidder will bring more competitive pricing and financial advantage to the Employer. Hence the limitation of 2 contracts to one bidder shall be deleted.	Bid provisions shall prevail.
18	Sec. 4 – Qualification and Technical Evaluation Requirements and Criteria Cl. 3.2,3.2.1,3.2.2	3.2 Stage 2 – Financial Evaluation Only Bidders determined to be Qualified under Stage 1 shall be eligible to participate in Stage 2. Stage 2 shall be conducted using one of the following approaches, as determined by the Employer in accordance with the approved Contract Award Strategy. 3.2.1 Competitive Financial Bidding Under this approach, Qualified Bidders shall be invited to submit Financial Bids based on the final Employer's Requirements, Conditions of Contract, and Bills	We suggest that the stage 2 bidding shall be based on “Competitive Financial Bidding” and the award of the contract shall take place to the lowest bidder which will ensure a transparent and fair bidding process as per the government guidelines and industry practice.	



Sl#	Clause Reference	Queries from Bidders	Clarifications by Employer
		of Quantities. The Financial Bids shall be evaluated in accordance with the methodology specified in the Stage 2 Bidding Documents to determine the Lowest Evaluated Responsive Bid or the Most Advantageous Bid, as applicable. 3.2.2 Direct Commercial Negotiation Under this approach, the Employer may invite one or more technically qualified Bidders to participate in commercial negotiations using benchmark or reference Bills of Quantities (BOQ) rates established from comparable hydropower projects, prevailing market rates, and other relevant cost information. The objective of the negotiations shall be to achieve a fair, reasonable, and commercially acceptable Contract Price while maintaining transparency, value for money, and timely implementation of the Project.	



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
19	C – Qualification JV thresholds and Lead Member share Ref: Section 4 Table 4.2; cl.5.1(vii); BDS cl.6.2	Each JV member need meet only 10% of the financial thresholds and no minimum Lead-Member share is stated, although cl.5.1(vii) refers to a BDS figure that is missing.	Please state the minimum participation of the Lead Member and of each JV member, or confirm none applies beyond joint and several liability.	No threshold is defined for formation of JV, although the minimum financial qualification requirements are specified in Table 4.2 – Financial Qualification Requirements of Section 4. It is further clarified that the number of partners in a JV shall be limited to 2 only. The JV shall designate one member as the Lead member. All members shall be jointly and severally liable for the execution of the entire Contract.
20	C – Qualification Currency and exchange rate for financial data Ref: Section 4 Table 4.2; Forms 3, 4 & 5	Financial data is required in BTN/INR equivalent, but the exchange-rate source and reference date are not stated.	Please specify the exchange-rate source and reference date for converting turnover, net worth and financial resources.	For Stage 1 qualification, financial information stated in currencies other than BTN/INR shall be converted into BTN/INR equivalent using exchange rates published by the Royal Monetary Authority of Bhutan (RMA). 1. For annual construction turnover and other historical financial data required for each financial year, the closing rate at the reporting date of the respective financial year shall be used (e.g.: 31.12.20XX) 2. For net worth, the exchange rate prevailing as at the date of the latest audited financial statements shall be used. 3. For financial resources, the exchange rate date shall be the date appearing on the supporting financial document that evidences the bidder's financial resources



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
				(bank certificate, committed credit facility or another financial instrument).
21	Sec 4, Page 20, Table 4.2 – Financial Qualification Requirement, SN1 Access to Financial Resources	Access to liquid assets, committed lines of credit or other financial resources excluding advance payment equivalent to not less than BTN 1,740 million.	We refer to Section 4, Table 4.2 – Financial Qualification Requirements, Sl. No. 1, which requires the Bidder to demonstrate access to liquid assets, committed lines of credit or other financial resources equivalent to not less than BTN 1,740 million. We also note that Form 5 – Financial Resources under Section 7 permits the Bidder to specify sources of financing including liquid assets, unencumbered real assets, lines of credit and other financial commitments. In order to align the qualification requirement with the prescribed Form 5, we request the Employer to amend the requirement as follows: "The Bidder must demonstrate access to, or availability of, liquid assets, cash and cash equivalents, unencumbered assets, committed lines of credit and/or other financial resources, excluding contractual advance payments, sufficient to meet the financial resources requirement of BTN 1,740 million, net of current contractual commitments." It is further requested that such financial resources may be demonstrated through audited financial statements, certificates issued by the Statutory Auditor/Chartered Accountant, bank certificates, committed	Bid provisions shall prevail.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
			credit facilities or other equivalent documentary evidence, as applicable. This modification is in line with what is followed in another tender of DGPC i.e (Dorjilung HEP)	
22	GENERAL	Detailed Design & Fabrications Drawings	The detailed design calculation & drawings for Civil and HM Works shall be carried out by the Bidder or Design Consultant (DC) to be appointed by the employer. Kindly confirm / clarify.	The detailed design of the Civil Works shall be undertaken by the Employer through its appointed Design and Engineering Consultant. For the Hydro-Mechanical Works, the Contractor shall be responsible for the detailed design calculations, shop/fabrication drawings and related technical documents, on the basis of principal requirements of the Employer.
23	Cl no 4.3.1 of Section 4 – Qualification and Technical Evaluation Requirements and Criteria	General Construction Experience Minimum fifteen (15) years' experience as a Prime Contractor, Joint Venture Member, or Specialist Contractor in major civil engineering works	We request to amend the Minimum Twenty Five (25) years' experience as a Prime Contractor, Joint Venture Member, or Specialist Contractor in major civil engineering works	Bid provisions shall prevail.
24	Cl no 4.3 & 4.4 of Section 4 – Qualification and Technical Evaluation	General Construction and Specific Experience Requirements	General Construction and Specific Experience Requirements: We request you to kindly add the following: If Experience certificate is issued in the name of JV, the evaluation shall be done in the following manner: -	Bid provisions shall prevail. Experience claimed through JV shall be limited to the percentage of JV participation.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
	Requirements and Criteria		i) In case the participation / profit sharing percentage of Bidders as per JV agreement is at least 35%, full credit of the work executed by the JV shall be given to such Bidders. We kindly request the Employer to accept the above provision and suitably amend the Qualification Criteria accordingly. The same provision is made in the recent bids for the works of DCP-I, DCP-II & DCP-III of 1125 MW Dorjilung HEP, invited by Dorjilung Hydroelectric Power Project, Gyalpoizhing, Mongar, Bhutan.	
25	Cl no 4.3.1 of Section 4 – Qualification and Technical Evaluation Requirements and Criteria	Contract Management Experience Demonstrated experience in administering contracts of comparable value, complexity, and duration.	We request to confirm that the Experience/Performance Certificates issued by Employer for the works executed by the bidder shall be considered as acceptable documentary evidence for fulfilling the Contract Management Experience criteria. If the submission of Experience/Performance Certificates are not acceptable for fulfilling this Criteria, we request you to kindly permit the Bidder to submit an MOU with a suitably qualified/experienced Agency having the requisite Contract Management Experience, in accordance with the Qualification Criteria.	Bid provisions shall prevail.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
26	Cl no 4.4 of Section 4 – Qualification and Technical Evaluation Requirements and Criteria	Specific Experience Requirements The experience specified in Table 4.4 shall have been obtained within the last twenty (20) years preceding the Bid Submission Deadline.	The experience specified in Table 4.4 shall have been obtained within the last twenty five (25) years preceding the Bid Submission Deadline.	Bid provisions shall prevail.
27	Contract Package: WC I – Dam Section 4– Qualification and Evaluation requirements and Criteria, Clause 4.4 Specific Dam and Hydropower Experience	4.4.1 Hydro Mechanical Works: Successful completion of Hydro-Mechanical Works for.....undertaken as a Prime Contractor, Joint Venture Member, or approved Specialist Subcontractor.	Hydro-Mechanical Works associated with large Water Resources Projects, such as dams, barrages, spillways, intake structures, and related water conveyance systems, are substantially similar in nature, scope, complexity, design, manufacturing, installation, testing, and commissioning requirements to those executed in hydropower projects. In view of the above, we kindly request the Employer to broaden the qualification criteria by recognizing successful completion of Hydro-Mechanical Works in major Water Resources Projects involving dams and/or barrages. So, we request you to kindly modify as "Successful completion of Hydro-Mechanical Works for at least one Hydropower Project or Water Resources Project (such as dam, barrage, irrigation) of comparable scope and complexity, undertaken as a Prime Contractor, Joint Venture Member, or approved Specialist Subcontractor."	Bid provisions shall prevail.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
28	Contract Package: WC I – Dam, Contract Package: WC II – HRT, Contract Package: WC III – Powerhouse Section 4- Evaluation and Qualification Criteria	Experience is claimed through participation in a Joint Venture.	We understand that, in the case of works executed through a Joint Venture (JV), the JV member holding participation share of more than 35% in the JV can claim 100% of the experience attributable to the works executed by the Joint Venture. Kindly confirm. This is in line with the general practice followed in hydroelectric project tenders issued by various Central Public Sector Undertakings (CPSUs) in India, wherein a JV partner with a participation share exceeding 35% is permitted to claim the full experience gained from the execution of the JV project for the purpose of meeting qualification requirements.	Bid provisions shall prevail. Experience claimed through JV shall be limited to the percentage of JV participation.
29	Contract Package: WC I – Dam, Contract Package: WC II – HRT, Contract Package: WC III – Powerhouse Section 2- Instruction to Bidders (ITB), Clause 3.1 Eligible Bidders	This invitation for Stage 1 – Qualification and Technical Proposals..... or any combination of such entities in the form of a Joint Venture (JV) under an existing agreement or with the intent to enter into such an agreement, supported by a Letter of Intent.	Kindly arrange to provide the format of Joint Venture Agreement.	Bidders may submit the Joint Venture Agreement in their own format, provided it complies with all applicable requirements of the Bidding Documents.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
30	Cl no 4.4 of Section 4 – Qualification and Technical Evaluation Requirements and Criteria	Successful completion of Hydro-Mechanical Works for at least one hydropower project having an installed capacity of not less than 350 MW, undertaken as a Prime Contractor, Joint Venture Member, or approved Specialist Subcontractor.	Successful completion of Hydro-Mechanical Works for at least one hydropower project or Major Water Resources Projects undertaken as a Prime Contractor, Joint Venture Member, or approved Specialist Subcontractor. Alternatively, for fulfilling this criterion, we request the Employer to kindly permit the Bidder to submit an MOU with a suitably qualified/experienced Agency having the requisite HM Works Experience, in accordance with the Qualification Criteria.	Bid provisions shall prevail.
31	Contract Package: WC I – Dam Section 4- Qualification and Evaluation requirements and Criteria, Clause 4.4 Specific Dam and Hydropower Experience	4.4.1 Specific Experience Requirements i. Similar Dam and HM Works: Successful execution of one or more dam and Hydro-Mechanical Works contracts of comparable scope and complexity, including concrete gravity dams, RCC dams, spillways, and associated hydraulic structures, under a single project.	We understand that Earthen dams as well as large Barrage with hydro mechanical work may also be considered under Similar Dam Works qualification, as they involve large-scale civil engineering activities including diversion works, hydraulic structures, radial gates and complex construction planning and management comparable to concrete/RCC dam projects. The execution of major earthen dam as well as large Barrage projects requires expertise in dam engineering, geotechnical works, water-retaining structures, quality control, and project coordination similar to gravity and RCC dams, and therefore such experience should be considered for assessing the bidder's capability and competence. Additionally, experience on substantially completed (minimum 80% work completion)	Bid provisions shall prevail.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
			dam projects should also be considered for qualification purposes, as such projects demonstrate the bidder's proven capability in executing the major scope and critical components of large dam works. So, we request you to kindly modify the clause as, "Successfully completed/ Substantially completed one or more dam and Hydro-Mechanical Works contracts of comparable scope and complexity, including concrete gravity dams, RCC dams, earthen dams, Barrages, spillways, and associated hydraulic structures, under a single project."	
32	Contract Package: WC I – Dam Section 4- Qualification and Evaluation requirements and Criteria, Clause 4.4 Specific Dam and Hydropower Experience	4.4.1 Specific Experience Requirements: ii. Dam Construction: Successful construction of at least one concrete gravity dam, RCC dam, or equivalent hydraulic structure having a structural height of not less than 60 m measured from the deepest foundation level, and a structural concrete volume of not less than 580,000 m ³ .	We kindly request to consider earthen dams as well as large Barrage as an equivalent hydraulic structure under the Dam Construction qualification criteria, as the successful execution of major earthen dam as well as Barrage projects requires comparable expertise in dam engineering and overall project management. Further, we request that the minimum dam height requirement be revised from 60 m to 45 m, which would encourage wider participation from experienced and capable bidders while maintaining the required technical standards. Additionally, experience on substantially completed dam projects should also be considered for qualification purposes, as such	Bid provisions shall prevail.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
			projects demonstrate the bidder's proven capability in executing the major scope and critical components of large dam works. Kindly confirm whether our understanding is correct and that these two eligibility criteria can be met independently through separate projects. So, we request you to kindly modify the clause as, "ii. Dam Construction: Successful construction/substantial completion of at least one concrete gravity dam/RCC dam/Earth Dam/Barrage or equivalent hydraulic structure having a structural height of not less than 60 45m measured from the deepest foundation level, and/or a structural concrete volume of not less than 580,000 m³."	



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
33	Contract Package: WC I – Dam Section 4- Qualification and Evaluation requirements and Criteria, Clause 4.4 Specific Dam and Hydropower Experience iii. Open Excavation	Table 4.4: Specific Dam and Hydropower Experience iii. Open Excavation: Successful execution of annual open excavation of not less than 380,000 m ³ in a single project.	We kindly request to consider completed or substantially completed earthen dam projects, as well as barrage projects, for meeting the Open Excavation qualification criteria. Such projects typically involve substantial quantities of open excavation in soil, rock, and foundation strata, requiring comparable expertise in excavation planning, slope stabilization, dewatering, construction management, and quality control. So, we request you to kindly modify as "Table 4.4 – Specific Dam /Barrage and Hydropower Experience"	Bid provisions shall prevail.
34	Contract Package: WC I – Dam Section 4- Qualification and Evaluation requirements and Criteria, Clause 4.4 Specific Dam and Hydropower Experience	4.4.1 Specific Experience Requirements: iii. Structural Concrete: Successful placement of annual structural concrete of not less than 250,000 m ³ in a single project	We kindly request to consider completed barrage/water-retaining projects along with dam project for meeting the Structural Concrete qualification criterion, as barrages are major hydraulic structures involving substantial quantities of structural concrete executed under challenging riverine and hydraulic conditions. The construction of barrages requires expertise in mass concrete placement, quality control, foundation works, water management, and complex construction sequencing, which are comparable to those required for dam projects. Accordingly, experience gained from completed or substantially completed barrage projects meeting the specified annual	Bid provisions shall prevail.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
			structural concrete quantity should be considered as eligible experience for qualification purposes. So, we request you to kindly modify as "Table 4.4 – Specific Dam /Barrage and Hydropower Experience"	
35	Contract Package: WC I – Dam Section 4- Qualification and Evaluation requirements and Criteria, Clause 4.4 Specific Dam and Hydropower Experience	4.4.1 Specific Experience Requirements: iv. Contract Complexity: Successful execution of contracts demonstrating engineering complexity, construction methodology.....to those of the Works.	We request the Employer to consider completed or substantially completed barrage projects along with dam project for meeting the Contract Complexity qualification criteria. Barrages are major hydraulic infrastructure projects involving complex engineering design, large-scale river diversion and water management, challenging foundation and geological conditions, environmental compliance requirements, long construction durations, and significant contractual and interface management responsibilities comparable to those encountered in dam construction projects. Accordingly, experience gained through the successful execution of completed or substantially completed barrage projects should be considered as demonstrating engineering and construction complexity equivalent to the Works and therefore be accepted for qualification purposes. So, we request you to kindly modify as	Bid provisions shall prevail.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
			"Table 4.4 – Specific Dam /Barrage and Hydropower Experience"	
36	Cl no 4.4 of Section 4 – Qualification and Technical Evaluation Requirements and Criteria	Similar Dam and Hydro-Mechanical Works Successful execution of one or more dam and Hydro-Mechanical Works contracts of comparable scope and complexity, including concrete gravity dams, RCC dams, spillways, and associated hydraulic structures, under a single project.	Similar Dam/Barrage and Hydro-Mechanical Works Successful execution of one or more dam/Barrage and Hydro-Mechanical Works contracts of comparable scope and complexity, including concrete gravity dams, RCC dams, Barrages, spillways, and associated hydraulic structures, under a single project.	Bid provisions shall prevail.
37	Sec-4/ Table 4.4 - Specific Dam and Hydropower Experience	Dam Construction : Successful construction of at least one concrete gravity dam, RCC dam, or equivalent hydraulic structure having a structural height of not less than 60 m measured from the deepest foundation level, and a structural concrete volume of not less than 580,000 m ³ .	We request that project commence earlier but completed in last 20 years will be eligible to meet the specified qualification criteria..	Accepted.
38	C – Qualification Definition of qualification quantities Ref: Section 4 Table 4.4	It is unclear whether 580,000 m ³ is dam-body or total concrete, whether “structural concrete” includes mass/RCC, whether underground excavation counts as open excavation, how a “year” is measured, and whether HM experience may be shown by gate size/head/tonnage instead of installed capacity.	Please confirm each of these definitions and confirm that certified construction/progress records will be accepted as evidence of annual quantities.	Structure concrete shall include mass and RCC concrete. Excavation below river bed shall be included in open excavation. Annual quantities shall be calculated on the Calendar Year. The Contractor shall submit certified/progress report as evidence of annual quantities.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
39	Sec 4, Table 4.4 (Specific Dam & Hydropower Experience) – Dam Construction	Successful construction of at least one concrete gravity dam, RCC dam, or equivalent hydraulic structure having a structural height of not less than 60 m measured from the deepest foundation level, and a structural concrete volume of not less than 580,000 m ³ .	We request the Employer to clarify/amend the requirement to permit the structural height requirement and structural concrete volume requirement to be demonstrated through separate qualifying projects, provided that each referenced project independently satisfies the relevant experience requirement. Accordingly, a Bidder may demonstrate: (i) construction of a concrete gravity/RCC dam or equivalent hydraulic structure of at least 60 m height under one project; and (ii) placement/construction of at least 580,000 m ³ of structural concrete in a concrete gravity/RCC dam or equivalent hydraulic structure under another project. This modification would broaden competition without diluting either of the prescribed technical capability thresholds.	Accepted. Add footnote under Table 4.4- Specific Dam & Hydropower Experience: 5. The quantities specified under Dam Construction can be met from separate Projects.
40	Cl no 4.4 of Section 4 – Qualification and Technical Evaluation Requirements and Criteria	Structural Concrete Successful placement of annual structural concrete of not less than 250,000 m ³ in a single project	Structural Concrete Successful placement of annual structural concrete of not less than 200,000 m ³ in a single project	Bid provisions shall prevail.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
43	Drg. No.: DM-WP-D11/R2 - RADIAL SLUICE GATES - GENERAL ARRANGEMENT (SHT. 1 OF 2)	Typical Elevation: The arrangement of transferring the load is shown by the Yoke Girder, Tie flats & Anchor Girder	This type of arrangement is obsolete now a days and is used for Crest Radial Gates. However, Sluice Radial Gates, the Gate Trunnion Assembly is fixed on concrete Trunnion Girder spanning between the pier across the bay. The concrete trunnion girder is casted in situ condition abutting with the pier face. This arrangement is being used due to several advantage like faster civil construction, independent of tie flats / anchor girders etc. Example for such arrangement can be seen in the Punatsangchhu-II and Khorlochhu Project in Bhutan and several other projects of NHPC in India.	The DPR level drawings are provided for reference only. Tender level drawings shall be provided during Stage 2 Bidding.
44	Sec. 8 – Appendices	Appendix 1 Reference Drawings The preliminary drawings included in this Appendix are based on the Detailed Project Report (DPR) 2014. However, the General Layout of the Project has been optimized, and a revised Layout is attached herewith for reference. This updated Layout incorporates the necessary adjustments arising from the optimization studies which may still go under revision with finalization of design parameters. These preliminary drawings shall be used by the prospective bidders for making assessment of the scope, extent and in preparing construction methodology and construction programme necessary for Stage 1 Bidding. The	The General Project Layout drawing bearing DRG. No. PL.WP - DPR03/R1 was updated on Aug-2026. In the same, some major changes in comparison to DPR-2014 stage preliminary drawings are as below: • Removal of 2 nos Inlet/Feeder Tunnel and thereby reduction of Power Intake to 1 no from 2nos earlier. • Adjustment of alignment of HRT, distance between Adits. • The Adits for HRT is increased to 5nos from 4nos earlier. Its lengths have been modified. • The location & orientation of Butterfly Valve Chamber & Ferrule Erection Chamber have been changed. The 2nos of Adits	All Tender Level drawings shall be available in Stage 2 Bidding.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
		final tender level drawings shall be made available to the qualified bidders for Stage 2 Bidding.	originating from Adit-5 to HRT/SS is now reduced to 1no. Moreover, the location of project components have been changed in latest layout which in turn will result in inaccurate estimation of quantities. Also, the Steel Liner drawings for Fabrication & Erection works of Penstocks for Pressure Shafts are not available. Hence, we request you to kindly provide the updated civil & HM drawings of project components including Longitudinal Section of Project available as on date, so as to enable the bidders to submit their best technical proposal in line with the topography & geological information available in the bid documents.	
45	J – Underground Works (Intake tunnels & HRT 0–588) Ventilation, dewatering and services Ref: Section 5 cl.5.4	The 588 m HRT plus the intake tunnels are driven from one portal with no adit; no ventilation, air-quality or egress criteria are given, and the plant list has no fans/ducting or grouting plant and only small pumps.	Please confirm the ventilation and air-quality standards, the emergency egress/refuge requirements, and whether ventilation, tunnel dewatering and underground services are paid separately or within the excavation rates.	Technical Specifications and Detailed BoQ will be available in Stage 2 Bidding.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
	& 9; Section 4 Table 4.6			
46	C – Qualification Hydro-mechanical experience via specialist subcontractor Ref: Section 4 Table 4.4 (HM Works, p.22); cl.5.2; BDS cl.6	HM experience for a project of not less than 350 MW is required; reliance on a specialist subcontractor is not expressly confirmed.	Please confirm the bidder may rely on an approved specialist subcontractor to meet the Hydro-Mechanical Works experience requirement.	Accepted.
47	Sec-3 Bid Data Sheet, Cl. 18	Bid Security: BTN 174,000,000 (Bhutanese Ngultrum One Hundred Seventy-Four Million only). Validity of Bid Security: The Bid Security shall remain valid until 22 January 2027. Form of Bid Security The Bid Security shall be in the form of a Cash Warrant or an irrevocable unconditional bank guarantee issued by a bank/financial institution in Bhutan or by a foreign bank, provided that the guarantee issued by a foreign bank is confirmed by, and enforceable through, a bank/financial institution in Bhutan.	The amount of Bid Security is very high and kindly reduce the same and we request to modify the clause for Bid Security as below: • Bid security shall be submitted for a single package for an amount of BTN/INR 50 million (Fifty Million) only. • The Bid Security shall be in the form of a Cash Warrant or an irrevocable Unconditional Bank Guarantee or Insurance Surety Bond. • If the Bidder is participating in more than one package, then, Bid Security shall be required for only one package and Bid Security Declaration shall be allowed for other Packages.	Bid provisions shall prevail.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
48	Cl no 4.28 of Section 4 – Qualification and Technical Evaluation Requirements and Criteria	All Bank Guarantees either issued by a bank/financial institutions in Bhutan or any acceptable foreign Bank through a corresponding financial institution in Bhutan to make it enforceable.	All Bank Guarantees either issued by a bank / financial institution in Bhutan OR in India. The amount and currency of the Bid Security, all bank guarantees shall be in BTN/INR	Bid provisions shall prevail.
49	Contract Package: WC I – Dam, Contract Package: WC II – HRT, Contract Package: WC III – Powerhouse Section 6- Abstract of Conditions of Contract Particular Conditions: Part A- Contract Data (Summary)	4.2 Performance Security- 10%	We request to consider reducing the Performance Security requirement from 10% to 5% of the Accepted Contract Amount. A Performance Security of 5% is sufficient to safeguard the Employer's interests while significantly reducing the financial burden on contractors, particularly for large-value infrastructure projects. Reducing the Performance Security to 5% will improve bidder participation, enhance competition, optimize working capital availability for project execution, and align the requirement with prevailing industry practices adopted in many major infrastructure procurements, without compromising performance assurance to the Employer.	Bid provisions shall prevail.
50	Sec 6- PCC, Part A, Contract Data, Cl. 4.2	Performance Security The Performance Security will be in the form of an “unconditional demand bank guarantee” in the amount of 10% of the Accepted Contract Amount.	• Kindly reduce the Performance Security to 5% in view of the current industry practice. • Kindly allow Insurance Surety Bonds against Performance Security as an additional option for the Bidder	Bid provisions shall prevail.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
51	Cl No 4.2 -Section 06	Performance Security: The Performance Security will be in the form of an “unconditional demand bank guarantee” in the amount of 10% of the Accepted Contract Amount.	We request the Employer to kindly specify the validity period of the Performance Security and the timeline/conditions for its release.	Performance Security is not applicable at Stage 1. The validity period and conditions for release of the Performance Security shall be specified in the Stage 2 Bidding Documents.
52	General	Retention Money BG	Kindly allow the release of retention money in tranches by submission of an equivalent amount of BG by the Bidder	Accepted.
53	Cl No 14.3 -Section 06	Retention Money: 5% of Contract Price	We request the Employer to kindly specify the timeline and conditions for release of the Retention Money.	The timeline and conditions for release of Retention Money shall be specified in the Stage 2 Bidding Documents.
54	Cl No 14.6 -Section 06	Period for the Employer to make interim payments to the Contractor under Sub-Clause 14.6 (interim Payment)-Within 42 days after receiving the certification from the Engineer	We request to amend as follows Submitted by the Contractor in respect of Interim Payment Certificate, 90 % of the admissible gross value of Interim Payment Certificate on provisional basis within 7 days after Engineer receives the statement and supporting documents and after taking into account all recoveries including retention amount on 100 % of the value of Interim Payment Certificate. All the statutory deductions will be carried out on the amount payable to the Contractor Balance 10% payment on any date between 7th day to 42nd day after the date of receipt of the statement and after taking into account all balance adjustment, statutory deductions & recoveries, if any	Bid provisions shall prevail. The detailed payment provisions shall be specified in the Stage 2 Bidding Documents.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
55	Cl No 8.8 -Section 06	Maximum amount of delay damages -10% of the Contract Price	Kindly Amend and Limited to 5% of the Contract Price	Bid provisions shall prevail.
56	D – Scope, Interfaces & Programme Milestones and key dates Ref: Section 4 Table 4.7; Contract Data; Form 11	A programme with milestones and critical path is required, but no Commencement Date, river-closure, foundation-handover, concrete, HRT breakthrough, gate-installation or impounding dates are given, though Form 11 assumes a start in Q1 2027.	Please confirm the Commencement Date, any intermediate or sectional milestones and whether they carry delay damages, the date the dewatered foundation will be available, and the planned diversion-closure and first-impounding dates.	The Commencement Date, Contractual Intermediate/Sectional milestones and associated delay damages including interfacing dates shall be specified in the Stage 2 Bidding.
57	Contract Package: WC I – Dam, Contract Package: WC II – HRT, Contract Package: WC III – Powerhouse Section 6- Abstract of Conditions of Contract Particular Conditions: Part A-Contract Data (Summary)	1.1.27 Defects Notification Period - 36 months	As per the general practice in hydropower project tenders invited by CPSUs in India, the works are typically executed in accordance with the FIDIC Conditions of Contract (Red Book). Under this framework, construction is carried out based on the design and drawings provided by the Employer, and the Defects Notification Period (DNP) is generally stipulated as 12 months. In view of the above, we kindly request you to review the Defects Notification Period specified in the tender and may please be reduced the same to 12 months. An extract from the tender document of the Kamala Hydroelectric Project is enclosed herewith for your ready reference.	Bid provisions shall prevail.



Sl#	Clause Reference	Queries from Bidders				Clarifications by Employer							
58	Sec 6- PCC, Part A, Contract Data, Cl. 1.1.27	<table><tr><td colspan="2">Conditions</td><td>Sub-Clause</td><td>Data</td></tr><tr><td>Defects Notification Period</td><td></td><td>1.1.27</td><td>36 months</td></tr></table>	Conditions		Sub-Clause	Data	Defects Notification Period		1.1.27	36 months	Kindly reduce the Defect Notification Period (DNP) to 12 Months	Bid provisions shall prevail.	
Conditions		Sub-Clause	Data										
Defects Notification Period		1.1.27	36 months										
59	Contract Package: WC I – Dam, Contract Package: WC II – HRT, Contract Package: WC III – Powerhouse Section 6- Abstract of Conditions of Contract-Particular Conditions, Part B- Special Provisions, sub clause 14.1	Tax Acts, rules and regulations in force.			Kindly provide a copy of the Tax Guidelines applicable to the Wangchhu Hydroelectric Power Project for our reference.	Refer Section 6 of the Bidding Document							
60	General	Royalty rates			We request you to kindly provide the royalty rates applicable to the project.	Applicable royalty rates shall be as per the prevailing laws, rules and regulations of the Royal Government of Bhutan.							
61	Sec-6, Part B, Special Provisions, Cl. 7.8	Royalties The Contractor shall pay royalties, rent and other payments or compensations, if any, for getting stone, aggregates, sand, gravel, clay or any other materials required for the Works.			Kindly clarify the prevailing rates of royalties for various materials like earth, Rock, Aggregates etc.	Quarry will be located in two locations; Dam and Powerhouse. It will be handed over to respective contractors.							



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
62	L – Materials, Access & Logistics Royalties, permits and river-bed extraction Ref: Contract Data SC 7.8 & 4.26; Section 5 cl.12	All royalties and permits are the contractor's cost, but the rates and the permit status for the quarries and river-bed sources are not given.	Please confirm the royalty rates for rock, aggregate and sand, the status of quarry leases and river-bed extraction permits, who obtains them, and how the sources are shared between WC I and WC III.	
63	General	Electricity Charges	We request you to kindly provide the electricity charges/tariff applicable for the project.	The applicable electricity tariff and miscellaneous charges shall be as per the prevailing rates notified by Bhutan Power Corporation Limited (BPC).
64	General	Auto Cad and Google Earth File	Please provide Auto Cad and Google earth KMZ file for the project to plan and indicate project facilities and infrastructure work in the Method statement to be submitted.	All information shall be provided to the qualified Bidders for preparation of their Stage 2 Bids.
65	M – Power & Utilities Topographical survey data Ref: Section 5 cl.10.1	Survey data (AutoCAD and CSV) is referenced but not provided; it is needed for excavation quantities and layout.	Please provide the available topographical survey data (AutoCAD drawings and CSV files).	



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
66	Contract Package: WC I – Dam, Contract Package: WC II – HRT, Contract Package: WC III – Powerhouse Section-4, Qualification and Technical Evaluation requirements and Criteria, Clause 5.2 Specialist Subcontractors	Where permitted under the Bidding Documents, the Bidder may engage Specialist Subcontractors to undertake specialised portions of the Works.	We request to clarify the specific portions of the Works that are proposed to be eligible for execution through Specialist Subcontractors, including any limitations on scope, value, or critical activities. Such clarification is essential for bidders to appropriately plan their execution strategy, identify qualified specialist agencies, assess risks and responsibilities, and prepare responsive bids in compliance with the Employer's requirements.	Specialized Work(s) may be undertaken through a Specialist Subcontractor, subject to approval by the Employer.
67	Contract Package: WC I – Dam, WC II – HRT, WC III – Powerhouse Section-4 Qualification and Technical Evaluation Requirements and Criteria	Cl 4.5.2 Documentary Evidence iii) completion certificates, taking-over certificates, or equivalent documents issued by the Employer for completed projects; iv) Employer's certificates or performance certificates confirming the satisfactory completion of the Works, where available;	We kindly request you that, considering the pre-qualification stage of the bidding process, submission of academic qualification certificates, professional certificates and experience certificates professional registration, licence certificate for all proposed key personnel may be waived at this stage. Collection and verification of such documents from all personnel is a time-consuming exercise. Accordingly, bidders may be permitted to submit an undertaking confirming that all requisite supporting documents shall be provided by the successful bidder prior to contract award/mobilization.	Bid provisions shall prevail.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
68	Sec 6 – PCC Part B, Special Provisions, Cl. 14.2	(b) Advance for Construction Equipment: Up to 90% of the invoiced value of new construction equipment procured specifically for the Project. Payable subject to submission of satisfactory documentary evidence and an equivalent bank guarantee. The aggregate amount of equipment advances shall not exceed 10% of the Accepted Contract Amount.	Kindly allow equipment advance against hypothecation. The referred subclause shall be modified as below: “Up to 90% of the invoiced value of new construction equipment procured specifically for the Project. Payable subject to submission of satisfactory documentary evidence and an equivalent bank guarantee or hypothecation of the Equipment to the Employer in lieu of Bank Guarantee. The aggregate amount of equipment advances shall not exceed 10% of the Accepted Contract Amount.”	Accepted. Detailed provisions shall be specified in Stage 2 Bidding Documents.
69	Sec-2 ITB Cl. 18.4	The Bid Security submitted for Stage 1 shall be: a) returned to disqualified Bidders under Stage 1, as promptly as practicable following notification of the outcome of the Stage 1 Bidding Process, subject to completion of any applicable standstill period; and b) retained by the Employer as one of the requirements under Stage 2 Bidding Document for the qualified Bidder in addition to the requirements under Stage 2 Bidding process. The validity of the Bid Security shall be extended by such duration as stipulated under Stage 2 Bidding Document.	Since the Stage 1 Bid Security is already retained by the Employer for qualified bidders, kindly allow the bidders to submit a 'Top-Up' Bank Guarantee for Stage 2 bidding rather than an entirely separate BG/instrument. Alternatively, Stage 1 BG can be replaced/merged into a single comprehensive Stage 2 Bid Security.	Bid provisions shall prevail.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
		The Bid Security required for Stage 2 Bidding Process shall be submitted separately by the Bidders invited to participate in the Stage 2 Bidding Process.		
70	B – Conditions of Contract & Commercial Bid Security and Stage 2 exposure Ref: ITB cl.18.6(c) & 18.4(b); BDS cl.18 (BTN 174 million); Section 4 cl.3.2 & 7	The Bid Security is carried into Stage 2 and forfeited if a qualified bidder does not join Stage 2 “without justifiable reason”, yet Stage 2 documents are not issued at Stage 1.	Please confirm that declining Stage 2 because the Stage 2 conditions, BOQ or requirements differ materially from Section 6 is a “justifiable reason”, and that the Bid Security will be returned.	Bid provisions shall prevail.
71	General	Bank Details	Please Provide the Bank Details to Take the EMD	Refer ITB clause 18 of the Bidding Documents.
72	General	Status of Clearances	Kindly confirm the status of various clearances of the project like: a) Environmental Clearance b) Forest Clearance c) Financial Approvals d) Land Acquisition	All statutory clearances will be opted by the Employer prior to commencement of the work.
73	General	Environmental, Forest and Other clearances	We request to the inform the status of the Environmental, Forest and Other clearances	



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
74	N – QA/QC, HSE & Environment ESIA status and clearance conditions Ref: Section 5 cl.14; Section 4 Table 4.8	The updated ESIA is not complete, and the execution-stage environmental obligations are deferred to the final documents.	Please confirm the expected date of the updated ESIA and any clearance conditions on blasting hours, night work, river-bed extraction, muck disposal, discharge quality and noise/vibration that will bind the contractor.	
75	General	Land Availability	We request to the inform the status of the Land Availability	Designated land required for permanent and temporary works is available. Contractors requiring additional land shall make necessary arrangements at its own cost.
76	Sec-3 Bid Data Sheet, Cl. 21	The electronic Bid submission is allowed: The password for opening the electronic Bid shall not be submitted together with the Bid. The Bidder shall communicate the password to the Employer between 15:00 hrs and 15:30 hrs (BST) on 24 September 2026, through the email address specified in the BDS. The password shall not be communicated before 15:00 hrs (BST). Employer's address for the purpose of bid submission: General Manager (CPD), Wangchhu Hydroelectric Power Limited, Post Box No. 202, Dhoewa Lam, Phuentsholing, Bhutan. Email: gm.cpd@whpl.bt	We understand that the Bid Submission is in Electronic Mode through a downloadable link of Bid on Email ID given in Bid Data Sheet. Kindly Confirm.	Accepted.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
77	Sec. 4 – Qualification and Technical Evaluation Requirements and Criteria Cl. 4.6.1	Table 4.6 – Minimum Construction Plant and Equipment Dump Truck - Minimum payload 20 tonnes	We understand that the available standard Dumpers in the market are of 12m ³ (25T Gross) Capacity which pertains to about 18 tonnes of payload capacity. Hence, we request to remove the minimum payload requirement of 20 tonnes or modify it to minimum 18 tonnes.	The minimum payload requirement is 20 tonnes. Contractor may propose dumpers with payload capacity higher than 20 tonnes.
78	Sec-5, Employer's Requirements / Project Information, Cl. 2.1	WC I – Dam Package The scope comprises construction of the Concrete Gravity Dam, Spillway, Intake Structures and the initial section of the Head Race Tunnel from Chainage 0+588, together with associated Hydro-Mechanical Works. The River Diversion Tunnel Works, including associated cofferdams, have been awarded under a separate contract and are excluded from WC I. The WC I Contractor shall, however, coordinate the physical, technical, construction, access and programme interfaces affecting the Dam and associated Works with the River Diversion Tunnel Contractor.	Kindly clarify the completion timeline/handover date of the Diversion Tunnel and Cofferd Dam Works, so that the bidder can plan the post Diversion Works activities in their construction schedule accordingly.	The River Diversion Tunnel works are expected to be completed by March 2027. However, the Dam Contractor can commence the work in parallel immediately upon award.



Sl#	Clause Reference	Queries from Bidders			Clarifications by Employer						
80	Sec 6 – PCC Part B, Special Provisions, Cl. 13.7	Adjustments for Changes in Cost The Contract Price shall be subject to adjustment to reflect changes in the cost of cement, steel, fuel, and labour during the execution of the Works. The adjustment mechanism shall be based on designated Base Rates for cement, steel, and fuel, while labour adjustments shall be determined using the Labour Cost Index published by the Ministry of Labour and Employment, Government of India.			• We understand that the Price adjustment will be applicable for HM works also. • Kindly clarify how the price adjustment will be evaluated for payment whether on “Index & weightage basis” or based on “actual quantity & price basis”.	Price adjustment shall be applicable to the Contract Price, including Hydro-Mechanical Works, as applicable. The detailed price adjustment methodology, including applicable base rates, indices and weightages, shall be specified in the Stage 2 Bidding Documents.					
81	Sec 6- PCC, Part A, Contract Data, Cl. 17.2(d)	<table><tr><th>Conditions</th><th>Sub-Clause</th><th>Data</th></tr><tr><td>Forces of nature, the risks of which are allocated to the Employer/Owner and Contractor</td><td>17.2 (d)</td><td>Contractor: Construction All Risks Insurance Policy including Third Party Liability.</td></tr></table>	Conditions	Sub-Clause	Data	Forces of nature, the risks of which are allocated to the Employer/Owner and Contractor	17.2 (d)	Contractor: Construction All Risks Insurance Policy including Third Party Liability.	Being an Item Rate Work, the responsibility to effect Construction All Risks Insurance Policy should lie with the Employer. Hence kindly modify this clause accordingly.		Bid provisions shall prevail.
Conditions	Sub-Clause	Data									
Forces of nature, the risks of which are allocated to the Employer/Owner and Contractor	17.2 (d)	Contractor: Construction All Risks Insurance Policy including Third Party Liability.									
82	Sec. 7 Stage 1 Submission Forms	Form 13: Technical Data Sheet – Hydro-Mechanical Works			Kindly provide the Technical Specifications of HM works, HM Technical Data Sheets & latest available HM Drawings for preparation of Technical Submission for HM works.	Detailed Technical Specifications, HM Technical Data requirements and final tender-level drawings shall be provided to Qualified Bidders at Stage 2 Bidding.					



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
83	General	Quantity	Kindly provide the Bill of Quantities for the respective package (preferably for each component) to formulate the construction planning including equipment requirement and time calculations. Alternatively, quantities of major activities like excavation, concreting, etc for all the project components may be provided.	The tentative quantities for the major components are as below: 1. Dam Construction - Excavation: 1,002,050 m³ - Concrete: 1,517,190 m³ 2. HRT Construction - Excavation: 1,676,485 m³ - Concrete: 153,260 m³ 3. Powerhouse Construction - Excavation: 570,420 m³ - Concrete: 142,640 m³
84	General	Estimated Cost	Kindly provide the estimated price along with the year of price level.	The qualified Bidder shall propose their Financial Bids based on the quantities specified in the BoQ under Stage 2 Bidding.
85	General	Likely date of award	Kindly inform likely date of award of contract to plan for the resources according to the start date.	The Contract Award shall be made upon completion of the Stage 2 Bidding.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
86	B – Conditions of Contract & Commercial Time for Completion Ref: IFB table & footnote; BDS cl.1.2; Contract Data SC 1.1.84 vs Section 5 cl.1	Most documents state 54 months (including mobilisation), but Section 5 says 60 months. The IFB footnote counts the period from the Letter of Acceptance, while FIDIC counts from the Commencement Date.	Please confirm whether the Time for Completion is 54 or 60 months, and whether it runs from the Letter of Acceptance or the Commencement Date.	The Time for Completion for Contract Package WC-I shall be 54 months reckoned from the date of issuance of the Letter of Acceptance.
87	B – Conditions of Contract & Commercial Unforeseeable physical conditions Ref: Section 6 (Abstract); FIDIC SC 4.12	The Abstract does not mention Sub-Clause 4.12, the key ground-risk provision, for a deep dam foundation and tunnelling works.	Please confirm Sub-Clause 4.12 will apply unamended, and issue any proposed amendment before the bid deadline.	Detailed provisions shall be available in Stage 2 Bidding Documents.
88	B – Conditions of Contract & Commercial Stage 2 route and pricing basis Ref: Section 4 cl.3.2.2, 7.2, 7.5	Stage 2 may be competitive bidding or direct negotiation on benchmark rates, decided after Stage 1 closes.	Please confirm when the Stage 2 route will be notified, that the full Employer's Requirements, specifications, drawings, BOQ and Conditions of Contract will be issued before any negotiation, and the basis of any benchmark rates.	The Employer shall decide the selection approach for Stage 2 Bidding prior to issuance of Stage 2 Bidding Documents to the qualified Bidders. The benchmark rates shall be the current market rates determined by the Employer.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
89	B – Conditions of Contract & Commercial DAAB jurisdiction limit Ref: Contract Data SC 21.1; SC 21.6	DAAB jurisdiction is capped at BTN 100 million, a very small fraction of the likely contract value.	Please confirm whether disputes above BTN 100 million are excluded from the DAAB, or whether the cap applies only to the DAAB's binding interim decisions.	The BTN 100 million limit specified under Sub-Clause 21.1 applies to the jurisdiction of the DAAB. The decision of DAAB will be final and binding on the parties.
90	B – Conditions of Contract & Commercial Forces of nature and flood risk Ref: Contract Data SC 17.2(d); Section 5 cl.6.1 & 8.5	The Contract Data names an insurance policy but does not allocate which natural risks are the Employer's and which are the Contractor's.	Please confirm the allocation under SC 17.2 of floods above the diversion design flood, GLOF, earthquake, and monsoon landslide/road breach, and which are Exceptional Events under SC 18.1.	The allocation of forces-of-nature risks shall be specified in the Stage 2 Bidding Documents.
91	B – Conditions of Contract & Commercial Price adjustment and payment terms Ref: Contract Data SC 13.7 & SC 14.1	Adjustment covers only cement, steel, fuel and labour; no formula, weightings, base date, base rates or payment currencies are given, and labour is indexed to an Indian index despite the 30% local-labour rule.	Please issue the price-adjustment formula, weightings, base indices, base date and payment currencies, the treatment of Provisional Sums and Dayworks, and the index applicable to Bhutanese labour.	The detailed price-adjustment formula, weightages, Base Date, applicable base rates/indices, treatment of Provisional Sums and Day works, applicable labour index/indices, and currencies of bid and payment shall be specified in the Stage 2 Bidding Documents.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
92	B – Conditions of Contract & Commercial Subcontracting limits Ref: Contract Data SC 5.1(a) & 5.1(b)	The maximum subcontracted value and the works where subcontracting is not permitted are both left to discretion.	Please state the maximum permitted subcontracted percentage and the parts of the Works where subcontracting is not permitted.	The maximum aggregate value of Works permitted to be subcontracted, if applicable, shall be specified in the Stage 2 Bidding Documents.
93	B – Conditions of Contract & Commercial Advance payment recovery profile Ref: Contract Data SC 14.2	All advances (mobilisation, equipment, material) are recovered between 10% and 80% of certified value, but material stockpiles peak after 80%.	Please confirm the secured (material) advance is recovered against materials as they are incorporated, not swept into the 10%–80% recovery profile.	The detailed recovery mechanism shall be specified in the Stage 2 Bidding Documents.
94	B – Conditions of Contract & Commercial Working hours and night working Ref: Contract Data SC 6.5	Normal working hours are 24 hours by shifts, but restrictions on night work, blasting hours and noise/vibration near villages are not stated.	Please confirm any statutory or Employer restrictions on night working, blasting hours, and noise/vibration limits near settlements.	Mandatory requirements, if any, shall be informed during Stage 2 Bidding.
95	C – Qualification Predecessor / merged entity experience	Experience over 15–20 years is required, but reliance on a predecessor, merged or renamed entity is not addressed.	Please confirm that experience of a predecessor, merged, demerged or renamed entity may be relied upon where legal and operational continuity is shown.	Accepted.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
98	D – Scope, Interfaces & Programme River diversion interface and handover Ref: Section 5 cl.2.1, 5.2 & 13	The diversion tunnels and cofferdams are a separate contract, but WC I dam foundation work cannot start until the river is diverted and the pit dewatered; no dates or interface terms are given.	Please provide the diversion completion/handover dates and progress, the river-closure and dewatering dates, the handover procedure, responsibility for cofferdam maintenance/seepage/pumping, and the extension-of-time and cost terms if the diversion works are delayed.	The River Diversion Tunnel works including coffer dam are expected to be completed by March 2027. The responsibility for maintenance of coffer dam, seepage and pumping shall be in the scope of WC I Contractor. The WC I Contractor can commence the work in parallel immediately upon award.
99	D – Scope, Interfaces & Programme Foundation dewatering responsibility Ref: Section 5 cl.5.1 & 5.2	Responsibility for dewatering the dam foundation pit after diversion, and the level and condition of handover, are not defined.	Please confirm who dewaterers the foundation pit, the design flood the cofferdams will pass, and the level and condition at which the dewatered foundation is handed to WC I.	
100	D – Scope, Interfaces & Programme WC I / WC II interface at Ch 588 Ref: Section 5 cl.2.1, 2.2 & 13(ii)	WC I builds the HRT from Ch 0+000 to 0+588; the interface, survey control, tolerance, lining extent, access and maintenance responsibility at Ch 588 are not defined, and “from Ch 0+588” is ambiguous.	Please confirm the WC I HRT reach is Ch 0+000 to 0+588 and confirm the interface arrangement, survey control and tolerance, lining extent, access and maintenance responsibility at Ch 588.	Confirmed. The WC I Contractor shall be responsible for HRT construction from is Ch 0+000 to 0+588.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
101	D – Scope, Interfaces & Programme Interface with central control and monitoring system Ref: Section 5 cl.13	Interfaces between WC I systems (HM, instrumentation, drainage pumping, electrical/control) and the project central control system, including the permanent power connection point, are not defined.	Please define the interface boundaries, system-integration and testing/commissioning responsibilities, and key interface milestones between WC I systems and the central control system, including the permanent power connection point.	Complete interface boundaries, SCADA/central control integration, testing/commissioning protocols, and connection points will be defined in the Stage 2 Technical Specifications.
102	D – Scope, Interfaces & Programme Interface management framework Ref: Section 5 cl.13	Twelve interface categories are listed but there is no interface schedule, information-release dates, coordination procedure or delay-risk allocation.	Please confirm the interface management procedure and coordinator, the dates interface information, access and preceding works will be available, and who bears delay caused by another contractor or by late interface information.	At Stage 1, Bidders are required to demonstrate their understanding of project interfaces and outline their proposed approach to interface planning and coordination. The formal interface schedule, information release dates, dewatered foundation availability milestones, and contractual delay risk allocations will be specified in the Stage 2 Bidding Documents.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
103	D – Scope, Interfaces & Programme Achievability of 54 months Ref: Contract Data SC 1.1.84 & 8.8; Section 5	54 months (including mobilisation) is very tight for this scope, with diversion controlled by others and a four-month monsoon each year.	Please confirm whether 54 months includes mobilisation, site establishment and the wait for river diversion, and state the assumed dam concrete placing rate and number of dry seasons available for river-bed works.	The Time for Completion for Contract Package WC I is 54 months, reckoned from the date of issuance of the Letter of Acceptance (LOA), and explicitly includes the mobilization period. Bidders must base Stage 1 technical proposals and preliminary programmes on this contractual duration using the preliminary project data. Specific sectional milestones, concrete placing rate assumptions, and river-closure schedules will be issued in Stage 2.
104	D – Scope, Interfaces & Programme Indicative quantities (BOQ) Ref: Appendix 1; DPR Volume II	No BOQ is issued at Stage 1; principal quantities are needed to size the methodology, plant and programme.	Please provide indicative principal quantities for WC I (dam concrete, open and underground excavation, reinforcement) on an information-only basis.	Refer Sl. 83 of this clarification.
105	D – Scope, Interfaces & Programme Technical specifications at Stage 1	A firm methodology and Quality Management Plan are required, but the technical specifications for the main works are only issued at Stage 2.	Please issue the technical specifications (or key extracts for foundation treatment and grouting, mass and structural concrete, tunnelling and rock support, and HM works) at Stage 1.	The technical specifications based on the Employer's Requirements shall be provided as part of the Stage 2 Bidding Document.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
	Ref: Section 4.7; Form 12			
106	E – Dam, Spillway & Foundation Governing / revised layout drawings Ref: Section 5; Appendix 1 (Reference Drawings)	Reference drawings are 2014 DPR, marked “for reference only”; the layout is said to be optimised and the design is under review.	Please identify the drawings that currently govern, confirm the dam axis, geometry, spillway and sluice arrangement valid for Stage 1, and confirm bidders will not be prejudiced if the Stage 2 drawings differ.	The optimized General Layout drawing shall govern the dam axis, geometry, spillway and sluice arrangement. The Bidders shall use these drawings for planning under Stage 1 Bidding. Final tender-level drawings will be provided under Stage 2 Bidding.
107	E – Dam, Spillway & Foundation Abutment stripping limits Ref: Appendix 2 cl.5.4.1	Stripping varies from 5 m to 31 m and the right abutment has 30–35 m of loose slope-wash; over-excavation is decided as the faces are exposed.	Please confirm the design stripping lines and the acceptable foundation grade, and how excavation beyond the drawn line, directed on geological grounds, is measured and paid.	Detailed excavation lines, foundation grade, measurements and payment methods shall be stipulated in the Stage 2 Bidding Documents.
108	E – Dam, Spillway & Foundation Slope stability and concurrent support Ref: Appendix 2 cl.5.4.1 & 5.4.3	Concurrent support is required for the abutments, plunge-pool slopes and intake portal, but no slope support drawings or design criteria are issued.	Please issue the slope excavation and support drawings and criteria (bench geometry, bolt/anchor pattern, shotcrete, drainage, rockfall protection) and the payment basis for instructed support.	



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
109	E – Dam, Spillway & Foundation In-situ rock mechanics and foundation design values Ref: Appendix 2 cl.5.2.5	No in-situ shear, plate-load/jacking or in-situ stress tests are reported for a 134 m dam, where sliding stability governs.	Please confirm whether in-situ shear, plate-load and stress tests were carried out (and issue the results), and confirm the adopted foundation shear strength and deformation modulus.	Preliminary rock mass parameters (underlain predominantly by hard, compact quartzite with compressive strength of 164–172 MPa) represent presently available investigation records in Section 5. Reaffirmed foundation shear strength, deformation modulus, and supplementary geological investigation data are being finalized by the Design Consultant and will be incorporated into Stage 2 Bidding Documents.
110	E – Dam, Spillway & Foundation Plunge pool construction Ref: Appendix 1 DM-WP-DPR02/R1; Section 5 cl.5.2	A lined plunge pool (about 164 m × 110 m, 2 m apron) is required in live river below tailwater, downstream of the downstream cofferdam; no construction sequence or temporary protection is described.	Please confirm the plunge pool is in WC I scope, the construction sequence and temporary river protection, who provides that protection, and the assumed working window.	The plunge pool and downstream protection structures are explicitly included within the WC I Package scope. Bidders must outline their proposed plunge pool construction sequence and temporary protection scheme in their Stage 1 submission. Contractual working season schedules and temporary work parameters will be defined in Stage 2 Bidding.
111	E – Dam, Spillway & Foundation Model studies Ref: Appendix 1 IN-WP-DPR01/00 note 3; Section 5 cl.8.6	The intake, spillway, bucket and plunge pool may change after hydraulic and sediment model studies that are not yet issued.	Please confirm whether the model studies are complete (and issue the reports) or the programme for them, and how any resulting WC I design change will be handled commercially.	Model studies shall be carried out by the Employer as part of final design validation. Any changes to the dimensions of the structures, as a result of model studies, shall be dealt in keeping provisions of the Contract.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
112	F – Concrete & Hydraulic Structures Dam concrete type (mass vs RCC) Ref: Section 5 cl.5.1; Table 4.4; drawings DM-WP-DPR14/15	The dam is described only as “concrete gravity”. The zoning drawings (150 mm aggregate, 15 N/mm ²) suggest conventional mass concrete, but the qualification refers to RCC dams too.	Please confirm whether the dam is conventional mass (vibrated) concrete or RCC, and state whether this may change during detailed design.	The WC I design baseline is a Concrete Gravity Dam (~134 m height, ~295 m crest length) comprising 19 blocks. Table 4.4 qualification criteria recognize experience in either Concrete Gravity or RCC dams for eligibility. Specific concrete mix types, placing methods, and block zoning will be stipulated in the Stage 2 Bidding Documents.
113	F – Concrete & Hydraulic Structures Mass concrete thermal control Ref: Appendix 1 DM-WP-DPR15/R1; Section 5 cl.3	No placing temperature, lift height/interval, heat-of-hydration limit, pre/post-cooling or thermal monitoring is specified for a 134 m dam in a valley reaching about 40°C.	Please issue the mass-concrete thermal control requirements (placing temperature, lift height and interval, cement type and heat limit, pre/post-cooling, and thermal monitoring and acceptance criteria).	Bidders must take into account high-volume concrete production and site climatic constraints when formulating their Stage 1 logistics and methodology. Concrete thermal control specifications (placing temperatures, lift heights/intervals, cooling requirements, and heat limits) will be formally provided in the Stage 2 Technical Specifications.
114	F – Concrete & Hydraulic Structures Design age for mass concrete strength Ref: DM-WP-DPR15/R1; CSMRS report cl.6.3	Strength is specified at 28 days, but the recommended AAR-control blended cement gains strength slowly.	Please confirm the design age for mass concrete acceptance (28, 90 or 180 days) and the minimum and maximum cementitious content for the C1 mass concrete.	Stage 1 proposals are evaluated on technical capability and preliminary methodology. Detailed concrete grade schedules, design age for strength acceptance, cementitious limits, and alkali-aggregate reactivity (AAR) mitigation mandates will be issued under Stage 2 Technical Specifications.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
115	F – Concrete & Hydraulic Structures 150 mm aggregate production and placing Ref: DM-WP-DPR15/R1; Section 4 Table 4.6	Mass concrete uses 150 mm aggregate (not pumpable), but the plant list has no cable or heavy placing crane and no cooling plant, and only one 200 TPH crusher.	Please confirm the maximum aggregate size, the required grading, the availability of the 80–150 mm fraction, and the expected placing system for the dam blocks.	Table 4.6 specifies the minimum plant capacity. The Bidders shall be assessed on proposed plant capacity. Bidders must submit their proposed aggregate processing, grading, and dam block placing system in Form 11 and Form 12. Final aggregate grading specifications and BOQ quantities will be issued in Stage 2 Bidding.
116	F – Concrete & Hydraulic Structures Alkali-aggregate reactivity (AAR) Ref: Appendix 2 cl.5.5.2(d) vs CSMRS report cl.6.3 & Annexure-III	The report both states the aggregates are safe and, in the CSMRS/GSI data, that they are AAR-susceptible (high strained quartz, mortar-bar expansion above threshold), recommending blended cement.	Please confirm the AAR mitigation to be mandated (e.g. PPC with $\geq 35\%$ fly ash or PSC with $\geq 50\%$ slag), the source and specification of fly ash or slag, and whether the earlier “safe” conclusion is superseded.	Information provided at Stage 1 regarding material quality and investigations is preliminary to assist in technical proposal preparation. Mandated AAR mitigation measures, cement/SCM specifications (fly ash or slag requirements), and material testing standards will be detailed in the Employer's Requirements and Technical Specifications issued to Qualified Bidders under Stage 2 Bidding Documents. Bidders shall prepare Stage 1 submissions using the preliminary material information provided in Section 5 and Appendix 2.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
117	F – Concrete & Hydraulic Structures Concrete grades, durability and waterstops Ref: IN-WP-DPR02/00 note 3 vs DM-WP-DPR15/R1; DM-WP-DPR19A/B	Two grade nomenclatures are used across the drawings, and no specification for cement/SCM, w/c ratio, admixtures, trial mixes, curing, formwork, waterstops or joint sealants is issued.	Please confirm the concrete grade schedule for WC I and issue the concrete specification, including waterstop and joint-sealant types and testing acceptance criteria.	Comprehensive concrete grade schedules, mix design parameters, w/c ratio limits, admixture guidelines, formwork standards, waterstop/joint sealant details, and acceptance testing criteria form part of the Employer's Requirements and Technical Specifications, which will be provided in Stage 2 Bidding.
118	G – Grouting & Foundation Treatment Consolidation grouting Ref: Section 5 cl.5.1; Appendix 2 cl.5.4.1	Consolidation grouting is in scope, but no drawing, pattern, depth, spacing, pressure or acceptance criterion is issued.	Please issue the consolidation grouting drawing and specification (pattern, depth, stage length, pressure, mix, closure criteria) and the payment basis.	Detailed foundation treatment drawings, grouting patterns, stage depths, pressure parameters, mix criteria, closure standards, and measurement/payment methodologies under the Bill of Quantities (BOQ) will be issued exclusively to Qualified Bidders during Stage 2 Bidding. Bidders shall formulate Stage 1 preliminary methodologies using the general project scope and geological investigation records in Section 5 and Appendix 2.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
119	G – Grouting & Foundation Treatment Foundation drainage and contact grouting Ref: DM-WP-DPR18/R1 notes; DM-WP-DPR01A	Drainage holes are only noted on the grouting drawing; no separate drainage, contact-grouting or gallery-pumping drawings are issued.	Please issue the foundation drainage and contact grouting drawings and specification, and the gallery drainage and pumping arrangement.	Final tender-level drawings, contact grouting specifications, foundation drainage arrangements, and gallery pumping layouts will be made available to Qualified Bidders as part of the Stage 2 Bidding Documents. Stage 1 submissions shall be prepared based on the available reference drawings in Appendix 1 and preliminary site information.
120	H – Geology & Geotechnical Dam foundation characterisation Ref: Section 5 cl.7.3 & 5.1 vs Appendix 2 drill logs (DH-3, DH-7, DH-8)	Section 5 describes hard quartzite, but the drill logs show low core recovery, RQD down to 0% and shear zones in the abutments.	Please confirm which characterisation governs for tendering and issue the full drill-hole logs, core photographs, RQD profiles and packer-test records.	The geological descriptions in Section 5 and DPR 2014 investigation reports in Appendix 2 represent the presently available subsurface information for Stage 1 technical evaluation. Comprehensive drill-hole records, RQD profiles, core logs, and updated geotechnical data being finalized by the Design Consultant will be issued to Qualified Bidders during Stage 2 Bidding.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
121	H – Geology & Geotechnical Rock mass classification system Ref: Section 5 cl.7.5; Appendix 2 Tables 5.15 & 5.31; support drawings	Four different class/description systems are used with no defined RMR/Q/GSI ranges or correlation, and no procedure for determining the class at the face.	Please issue the classification criteria (RMR/Q/GSI ranges), the correlation between the systems used, and the procedure and responsibility for determining support class at the face.	The bidder shall use Rock mass classifications (Class II to V) in Section 5 and Appendix 2 as preliminary guidance for Stage 1 Bidding. Q system is generally adopted for rock classification. technical evaluation. Classification criteria (RMR/Q/GSI), correlations, and contractual face-determination procedures shall be provided in Stage 2 Technical Specifications.
122	H – Geology & Geotechnical Rock class distribution along the HRT Ref: Section 5 cl.7.5 vs Appendix 2 Tables 5.15 & 5.31	Three different distributions and totals are given, Class V varies by about 288 m, a “No Class” category (245 m) is undefined, and the $\pm 20\%$ tolerance is omitted from Section 5.	Please confirm which distribution governs, define “No Class”, and confirm whether the $\pm 20\%$ tolerance applies to the Section 5 figures.	The rock distribution table in Section 5 Sub-Clause 7.5 (totaling 12,260 m, including 245.20 m / 2% "No Class" for unclassified/fault zones) governs as the preliminary baseline for Stage 1 submissions. Final refined rock class distributions, paylines, and tolerance parameters will be issued under Stage 2 Bidding Documents.
123	H – Geology & Geotechnical Groundwater and dewatering data Ref: Appendix 2 cl.5.2.3 & 5.4; Section 5 cl.5.1 & 5.2	Only Lugeon values are given; no piezometric levels, pumping tests or seepage/inflow estimates for the ~48 m deep pit or the tunnel are provided.	Please issue the packer-test and any piezometric data, the estimated foundation-pit seepage and tunnel inflow, and how dewatering is measured and paid.	Available water-percolation data in Section 5 and Appendix 2 form the present reference basis. Bidders must address surface/subsurface water risks and propose preliminary dewatering/pumping schemes in Stage 1. Detailed hydrogeological data, inflow estimates, and BOQ payment items for dewatering will be provided in Stage 2.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
124	H – Geology & Geotechnical Referenced volumes not issued (Vol IV-A / IV-B) Ref: Appendix 2 cl.5.2.2, 5.2.3 & 5.2.5	The report cross-refers to Volume IV-A (logs, permeability, rock mechanics) and Volume IV-B (geological plans, sections, drift logs), which are not issued.	Please issue Volumes IV-A and IV-B in full, including the dam-axis and plunge-pool geological sections, the intake section and the 3-D drift logs, and confirm whether a Geotechnical Baseline Report will be issued at Stage 2.	The core chapters and reports from DPR May 2014 and October 2014 attached in Appendix 2 constitute the reference geological documentation for Stage 1. Additional detailed volume extracts, geological sections, 3-D drift logs, and Geotechnical Baseline information will be issued to Qualified Bidders as part of Stage 2 Bidding.
125	H – Geology & Geotechnical Currency of investigation and drift access Ref: Appendix 2 Tables 2.2 & 2.4; Section 5 cl.7.1 & 7.4	Dam/intake investigations are from 2010–2013 (1995 for the powerhouse); only June 2026 geophysics at the diversion is recent, and the October 2025 floods changed the river.	Please confirm whether further drilling, drifting or geophysics is planned at the dam, intake and HRT 0–588 before award (and will be issued), and whether the exploratory drifts remain open for inspection.	Supplementary investigations (including June 2026 geophysics at the diversion) and ongoing detailed engineering reviews will be incorporated into Stage 2 documents. No organized site visit or drift inspection is conducted by WHPL at Stage 1. Bidders may inspect and examine the site independently at their own cost under ITB Clause 8.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
126	I – Hydrology & River Diversion Diversion flood frequency values Ref: Appendix 3 cl.4.9, Table 4.11	The 100-year value (1,750 m ³ /s) is lower than the 25-year and 50-year values, which is not possible for a frequency curve.	Please correct and reissue Table 4.11 and confirm whether the adopted 25-year diversion flood of 2,157 m ³ /s remains valid after the current hydrology review.	The diversion discharge of 2,157 m ³ /s, corresponding to a 25-year return period, forms the adopted baseline for construction planning. Available hydrological data and flood studies are presently being reviewed and validated by the Employer's Design and Engineering Consultant. Updated flood frequency figures and finalized hydrological parameters will be issued to Qualified Bidders under the Stage 2 Bidding Documents.
127	I – Hydrology & River Diversion Cofferdam crest levels Ref: Section 5 cl.5.2 vs Appendix 1 (4. River Diversion)	Section 5 gives upstream EL 431 / downstream EL 410, while the drawings give upstream EL 433.00 / downstream EL 408.00.	Please confirm the cofferdam crest levels, the design flood and freeboard for each, and that these are the levels to be built under the diversion contract.	The River Diversion system comprising diversion tunnels and cofferdams has been awarded under a separate contract and is excluded from WC I scope. Bidders shall prepare Stage 1 proposals based on preliminary project descriptions and reference drawings. Exact cofferdam interface parameters, dewatered foundation handover levels, and freeboard specifications will be provided in Stage 2 Bidding.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
128	I – Hydrology & River Diversion Residual flood risk during construction Ref: Appendix 3 Table 4.12; Contract Data SC 17.2(d)	There is about an 18.5% chance in five years of exceeding the 25-year diversion flood, but no flood emergency procedure or reinstatement responsibility is defined.	Please confirm who bears the cost and time, of flooding above the diversion design flood, whether it is an Exceptional Event under SC 18.1, the required flood-emergency procedures, and who reinstates and re-dewaters the pit.	The allocation of forces-of-nature risks under Sub-Clause 17.2(d) including floods exceeding the diversion design flood, GLOF, and monsoon landslides shall be explicitly defined in the Contract Data and Particular Conditions forming part of the Stage 2 Bidding Documents. Emergency protocols, pit reinstatement terms, and dewatering risk allocations will be specified in Stage 2 Bidding.
129	I – Hydrology & River Diversion Diversion tunnel lengths Ref: Section 5 cl.5.2 vs Appendix 2 Table 5.13	The lengths of DT-1 and DT-2 differ between the two documents.	Please confirm the as-designed lengths and invert levels of DT-1 and DT-2 and the hydraulic capacity of the diversion system at the upstream cofferdam crest level.	The GFC layout of diversion tunnel indicating the length of two diversion tunnels is attached for information.
130	I – Hydrology & River Diversion Flood and GLOF early warning Ref: Section 5 cl.8.5; Section 4 Table 4.8	A GLOF (1,741 m ³ /s, about four hours travel time) is possible, but no early-warning system, gauging or evacuation protocol is established or allocated.	Please confirm who provides and operates the flood/GLOF early-warning system (gauging, telemetry, alarms, notification protocol) and the coordination with the upstream projects and authorities.	The GLOF discharge of 1,741 m ³ /s and ~4-hour travel time represent the DPR baseline currently under review by the Design Consultant. Bidders must demonstrate general ESHS capability and flood risk management in Stage 1. Upstream telemetry coordination, early-warning protocols, and emergency evacuation frameworks will be detailed in



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
				the Stage 2 Employer's Requirements and ESHS specifications.
131	I – Hydrology & River Diversion Working season and river flow data Ref: Section 5 cl.3; Appendix 3 Annex 3.3; Section 5 cl.8.2	The flow series is under review and the assumed annual working window for in-river works is not stated.	Please confirm the flow series to be adopted, the assumed annual working window for river-bed works, and the 10-daily exceedance flows to be used for planning.	Detailed studies are validated by the Design and Engineering Consultant.
132	I – Hydrology & River Diversion Sedimentation and desilting Ref: Section 5 cl.8.6	A desilting facility is presently excluded but under review, and the outcome may change the dam, low-level sluices, intake and HM works.	Please confirm the date the sediment review completes, whether the outcome could add a desilting facility or alter the sluices/intake within WC I, and how any such change is handled commercially.	
133	I – Hydrology & River Diversion Updated 2025 water-availability study Ref: Section 5 cl.8.2; Appendix 3	A 2025 study (1976–2024) is referenced but not issued, so the governing values are uncertain.	Please issue the 2025 water-availability study and confirm the inflow, design-flood, diversion-flood and GLOF values that currently govern for construction planning.	The summary of the 2025 study and the revised 2014 Hydrology Chapter are attached in Appendix 3. Final re-validated hydrological parameters will be issued in the Stage 2 Bidding Documents.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
134	J – Underground Works (Intake tunnels & HRT 0–588) Overbreak and payline definition Ref: HT-WP-DPR03/00 vs 03/R1; IN-WP-DPR03/00	A payline (B-line) is shown only for Classes I & II; none for Classes III–V or the feeder tunnels, and allowable overbreak and its payment are undefined.	Please confirm the payline for every support class, the allowable overbreak, whether A-line to B-line excavation is paid, whether concrete/shotcrete filling overbreak is paid, and whether geological overbreak is distinguished from blasting overbreak.	Detailed tender level drawings shall be issued to the qualified Bidders under Stage 2 Bidding.
135	J – Underground Works (Intake tunnels & HRT 0–588) Support class determination and payment Ref: HT-WP-DPR03/00, 03/R1, 04/00; IN-WP-DPR03/00, 04/00 (note 4)	Five support classes are drawn but the Engineer may vary the patterns, and no face-determination criteria, response time or payment for extra support is given.	Please confirm the procedure and responsibility for determining support class at the face, the mapping method and the Engineer's response time, and how support in excess of or different from the drawn class is measured and paid.	Detailed procedures shall be provided under Stage 2 Bidding.
136	J – Underground Works (Intake tunnels & HRT 0–588) Rock support	Bolts are specified as both mechanically anchored and grouted rebar, with no anchor type, capacity or pull-out criteria; shotcrete is	Please issue the rock-bolt specification (type, capacity, corrosion protection, grout, pull-out testing) and the steel-fibre shotcrete specification (fibre type/dosage, residual strength class, rebound allowance, and	Detailed technical specifications shall be issued to Qualified Bidders under Stage 2 Bidding.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
	materials specification Ref: HT-WP-DPR03/00 & 03/R1 (notes 3, 5, 6)	specified only by 28-day strength, with no fibre, residual-strength or rebound data.	whether payment is on design or measured thickness).	
137	J – Underground Works (Intake tunnels & HRT 0–588) Blasting restrictions and explosives Ref: Contract Data SC 4.27; Section 5 cl.15 & 1	The contractor arranges all explosives, but import/licensing lead times, magazine locations, blasting hours and vibration limits near Gamana village, the Tala HEP and adjacent works are not given.	Please confirm the explosive import and licensing route and lead time and any Employer assistance, the permitted magazine locations, the permitted blasting hours, and any charge-weight or vibration limits near settlements and existing infrastructure.	The Contractor is responsible for arranging explosive magazines, transportation, and obtaining all necessary licences/permits under applicable laws of Bhutan. The Employer shall provide reasonable assistance, where required, in facilitating statutory clearances. Land for designated explosive magazines shall be provided by the Employer.
138	J – Underground Works (Intake tunnels & HRT 0–588) Drainage holes at tunnel sections Ref: Requirement noted by bidder (drawing/specification not identified)	A requirement for 16 nos × Ø75 mm × 5,000 mm drainage holes at each tunnel section is indicated but does not appear in the available drawings.	Please confirm the location, spacing, orientation and construction stage of these drainage holes, whether they are permanent works, and the applicable drawing/specification.	Detailed technical specifications, layout drawings, installation stages, and measurement rules for permanent/temporary underground drainage holes will be formally issued to Qualified Bidders under Stage 2 Bidding.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
139	K – Hydro-Mechanical Works HM technical specification and gate schedule Ref: Form 13; Section 5 cl.5.1 & 5.3; HM drawings	Form 13 needs manufacturer data and design calculations, but no HM specification or gate schedule (heads, seals, hoists, codes, materials, tolerances) is issued; only 2011 general-arrangement drawings are available.	Please issue the HM specification and gate schedule for WC I (clear opening, sill and operating levels, design and operating heads, design code, materials, seals, corrosion protection, hoist type and capacity, embedded-part tolerances).	Refer Optimized General Layout. The Bidder shall propose the required data and calculations.
140	K – Hydro-Mechanical Works Embedded parts and second-stage concrete Ref: Section 5 cl.13(x); IN-WP-DPR02/00 note 5	Setting-out and installation tolerances, the second-stage concrete specification, survey control and responsibility for rework or late gate information are not given.	Please confirm the embedded-part setting-out and installation tolerances, the second-stage concrete specification and measurement, the survey control, and responsibility for rework from out-of-tolerance parts or late gate information.	
141	K – Hydro-Mechanical Works Intake inlet tunnel and transition drawings Ref: IN-WP-DPR02/00 note 6; IN-WP-DPR03/00 & 04/00	Excavation and support drawings for the two intake inlet tunnels and the transition to the single 8.5 m HRT are not issued.	Please issue the excavation and support drawings for the intake inlet tunnels and the transition to the 8.5 m HRT, and confirm the lengths, profiles and support classes.	The updated General Project Layout drawing attached in Appendix 1 incorporates optimization adjustments, including the reduction to 1 Power Intake. Final tender-level civil drawings, detailed excavation profiles, support class assignments, and transition details for the Intake and HRT will be issued to Qualified Bidders as part of Stage 2 Bidding.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
142	L – Materials, Access & Logistics Aggregate availability at the dam site Ref: Appendix 2 Tables 5.18, 7.2, 5.17 & 7.1	The dam-site quarry quantity is given inconsistently (6.00 vs 9.00 lac m ³) and was “not tested for want of approach”; totals swing between surplus and deficit against the ~1.89 million m ³ required.	Please confirm the proven quantity from the dam-site quarry, whether it has been tested (issue results), the aggregate balance relied upon, and which sources the WC I contractor may use and on what terms.	Potential quarry sites are being studied by the Employer for assessment of its suitability and adequacy. The detailed assessment report along with test results shall be provided in the Stage 2 Bidding.
143	L – Materials, Access & Logistics Suitability of the aggregate sources Ref: Appendix 2 cl.5.6.6 & 5.6.4; CSMRS report cl.6.1.2 & 6.3	The powerhouse river-borne material (the largest source) is for non-wearing surfaces only and is about 20–25 km from the dam; the nearest quarry is untested; and all coarse aggregate is AAR-susceptible.	Please confirm whether the dam-site quarry has been sampled and tested (issue results), the Employer’s position on its suitability, and who carries the risk if it proves unsuitable or is not permitted.	
144	L – Materials, Access & Logistics Tititar quarry area Ref: Section 5 cl.12(iii)	The Tititar quarry is listed as a material source but has no location, quantity, geology, test data or access information anywhere.	Please provide the Tititar quarry location, extent, estimated quantity, rock type, test results, access and haul distance, and clearance status.	



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
145	L – Materials, Access & Logistics Muck disposal areas Ref: Contract Data SC 4.26; Section 5 cl.12	The contractor develops the designated muck-disposal sites, but no site location, capacity, haul distance, access or clearance status, nor a WC I spoil estimate, is given.	Please identify the designated muck-disposal sites (location, capacity, access, haul distance, clearance status) and the estimated surplus spoil from WC I.	Refer sl. 79 of this clarification. Access road including bridges shall be handed over to Contractor for maintenance during the construction period.
146	L – Materials, Access & Logistics Dam site access road and load limits Ref: Section 5 cl.4.1, 4.2 & 11	The dam access is part improvement and part new construction; no completion date, width, gradient, pavement standard or bridge load ratings are given, and roads may be handed over “as-is-where-is”.	Please confirm the access road status and completion date, its formation width, gradient and pavement standard, all bridge load and dimension limits on the route, and responsibility for maintaining, upgrading and restoring “as-is-where-is” roads.	
147	L – Materials, Access & Logistics Shared roads and monsoon damage Ref: Section 5 cl.4.2, 11, 13(vi) & 15(ii)	Roads and bridges are shared with other packages and the public, and monsoon breaches are expected, but the maintenance apportionment and reinstatement responsibility are not defined.	Please confirm the framework for maintaining and cost-sharing common roads and bridges, responsibility for monsoon damage and landslide clearance, and whether road maintenance is a measured item.	
148	L – Materials, Access & Logistics Land for construction facilities Ref: Section 5 cl.11;	Land for permanent works and temporary facilities will be made available, but no plan, area or acquisition status is given (deferred to Stage 2).	Please issue a plan of the land the Employer will provide for camps, offices, workshops, batching and crushing plants, stockpiles, yards and magazines, with areas and acquisition status.	



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
	Contract Data SC 4.26			
149	M – Power & Utilities Construction power Ref: Section 5 cl.9; Contract Data SC 4.19	33 kV grid power is provided at supply points (dam share 3×1,250 kVA, shared with the diversion contractor); the firm capacity, availability date and interruption frequency are not stated.	Please confirm the location, firm capacity and availability date of the 33 kV supply at the dam, the method for apportioning shared consumption and losses, the expected interruptions, and whether standby generation is a measured item.	Refer Section 5 cl 9.
150	N – QA/QC, HSE & Environment Testing responsibility and site laboratory Ref: Section 4 Table 4.7; Section 6	A Quality Management Plan is required, but no testing specification, frequency, acceptance criteria, laboratory requirement or cost responsibility is issued.	Please confirm the testing regime (site laboratory, testing frequency and acceptance criteria per material) and who performs, witnesses and pays for routine, third-party and re-testing.	The Civil Contractor shall be responsible for detailed testing of materials and setting up of site laboratory. The Employer and its representative shall witness and approve the test results. Testing regimes and material acceptance criteria shall be specified in the Stage 2 Bidding.
151	N – QA/QC, HSE & Environment Dam instrumentation Ref: Appendix 1 DM-WP-DPR021/22/23; Section 5 cl.5.1	Instrumentation drawings are issued, but no specification, schedule, quantity or supply/installation responsibility is given.	Please issue the instrumentation specification and schedule, and confirm whether instruments are Employer- or Contractor-supplied and who installs, cables, calibrates, commissions and baselines them.	Instrumentation drawings provided in Appendix 1 are preliminary reference materials to indicate structural monitoring scope for Stage 1 technical evaluation. Complete instrumentation specifications, instrument schedules, quantities, supply/installation responsibilities, calibration standards, and baseline monitoring obligations will be issued to Qualified Bidders under Stage 2 Bidding.



Sl#	Clause Reference	Queries from Bidders		Clarifications by Employer
152	N – QA/QC, HSE & Environment Medical and security obligations Ref: Contract Data SC 4.8, 4.21 & 6.7	24-hour staffed medical facilities and ambulances are required at each “major work site”, which is not defined; security manning levels are not stated.	Please define “major work site” for SC 4.8, the minimum medical staffing and equipment standard, whether facilities may be shared between packages, and the required security manning under SC 4.21.	As a part of ESHS requirements, the Contractor shall establish fully equipped medical facilities with qualified medical staffs at the main construction site office. While a basic medical facility must be provided at each work site. The Contractors shall also maintain two fully equipped ambulances at the site and establish formal referral arrangement with the nearest district hospital. The Contractor shall deploy qualified and trained security personnel at all work fronts.

