

UPPER ARUN HYDROELECTRIC LIMITED

(A Subsidiary Company of NEA)



BIDDING DOCUMENT

For

**Design, Supply, Installation, Testing and Commissioning of 33/11 kV, 6/8
MVA Gola Bazar Substation at Sankhuwasabha District**

Tender No: UAHEL/083/84/SS-01

(National Competitive Bidding)

Single-Stage: Two-Envelope Bidding Procedure

Amendment and Clarifications

Second Amendment date: September 03, 2026

Issued on: August 13, 2026

Invitation for Bids No.: UAHEL/083/84/SS-01

NCB No.: UAHEL/083/84/SS-01

Contract Identification No.: UAHEL/083/84/SS-01



Upper Arun Hydro-Electric Limited

Design, Supply, Installation, Testing and Commissioning of 33/11 kV, 6/8 MVA Gola Bazar Substation at Sankhuwasabha District
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Amendment no. 2 on Bid Document

- If any Bid has been submitted through the e-GP system, such Bid shall be deemed cancelled and invalid, and the respective Bidder shall be required to resubmit the Bid in sealed hard copy.
- The procurement shall be in accordance with the amendments and provisions introduced under the Public Procurement Regulation (Sixteenth Amendment), 2083.

S. No.	Reference	Existing Provision	Amendment
1	Invitation for Bids S. No. 4	Eligible Bidders may obtain further information and inspect the Bidding Documents at the office Upper Arun Hydroelectric Limited, Shanti Priya Marg, Maharajgunj, Phone No: +977-1-4720543, or visit PPMO e-GP system www.bolpatra.gov.np/egp	Eligible Bidders may obtain further information and inspect the Bidding Documents at the Company website uahel.com.np For any queries, the Bidders shall contact at the Phone No: +977-1-4720543, +977-1-4720553.
2	Invitation for Bids S. No. 7	Electronic bids must be submitted, through PPMO's e-GP system www.bolpatra.gov.np/egp on or before 12:00 PM on September 04, 2026.	Replace the existing provision by: Sealed bids (Hardcopy) must be submitted to the office of Upper Arun Hydroelectric Limited, Shanti Priya Marg, Maharajgunj, by hand/courier on or before 12:00 noon on September 14, 2026. Bids received after this deadline will be rejected.
3	Invitation for Bids S. No. 8	The bids will be opened in the presence of Bidders' representatives who choose to attend at 14:00Hrs. on September 04, 2026 at the office of Upper Arun Hydroelectric Limited, Maharajgunj, Kathmandu. Bids must be valid for a period of 120 days after bid opening and must be accompanied by a scanned copy of the bid security in pdf format. The Bidder shall furnish a bid security; from Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law with a minimum of NRs. 3,911,000.00 which shall be valid for 30 days beyond the validity period of the bid i.e. 150 Days. The bid security shall be in the form of an unconditional on-demand guarantee.	Replace the existing provision by: The bids will be opened in the presence of Bidders' representatives who choose to attend at 14:00Hrs. on September 14, 2026 at the office of Upper Arun Hydroelectric Limited (UAHEL). Bids must be valid for a period of 120 days after bid opening and must be accompanied by a Original copy of the bid security in the original copy of bid. The Bidder shall furnish a bid security; from Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law with a minimum of NRs. 3,911,000.00 which shall be valid for 30 days beyond the validity period of the bid i.e. 150 Days. The bid security shall be in the form of an unconditional on-demand guarantee
4	Bid Data Sheet ITB 20.1	In addition to the original of the bid, the number of copy/ies is/are: N/A	Replace the existing provision by: In addition to the original of the bid, the number of copy/ies is/are: One copy of technical bid and one copy of Price bid
5	Bid Data Sheet ITB 21.1	Bidders shall have the option of submitting their bids "by electronic only".	Replace the existing provision by: Bidders shall have the option of submitting their bids by hand / by courier only.
6	Bid Data Sheet ITB 22.1	For bid submission purposes only, the Employer's address is: PPMO's e-GP system www.bolpatra.gov.np/egp The deadline for bid submission is: Date: September 04, 2026. Time: 12:00 PM	For bid submission purposes only, the Employer's address is: Upper Arun Hydroelectric Limited (UAHEL), NEA Shanti Priya Marg, Maharajgunj Kathmandu, Nepal Attention: Managing Director Phone no. +977-1-4720553, 4720543 Email: uahelpnea@gmail.com ; upperarun@nea.org.np Country: Nepal The deadline for bid submission is: Date: September 14, 2026 Time: 12:00 Noon
7	Bid Data Sheet ITB 25.1	The Technical Bid opening shall take place at: Address: Upper Arun Hydroelectric Limited, Maharajgunj, Kathmandu Date: September 04, 2026. Time: 14:00 PM	Replace the existing provision by: The bid opening shall take place at: Upper Arun Hydroelectric Limited (UAHEL), Shanti Priya Marg, Maharajgunj, Kathmandu, Nepal Date: September 14, 2026.

S. No.	Reference	Existing Provision	Amendment
			Time: 14:00 PM
8	Technical Specification 10.6 Design Requirement	10.6.1 The Contractor shall measure the soil resistivity and calculate the total length of buried ground conductor, number of grounding electrode and their depth and spacing to achieve a grounding system resistance of not more than 1.0 ohm.	Add the following: Any additional provision if required to achieve the grounding system resistance of 1.0 ohm or less shall be included in the price bid rate.

PRE-BID CLARIFICATION

S.N.	Clause / Page Reference	Bid Requirement / Observation	Query / Clarification Requested	Employer's Response
1	Section VII - Price Schedule, Electrical Works, A.1 Transformer (p.354); Installation Schedule B.1 (p.358)	Supply schedule indicates that 1 No. 33/11 kV, 6/8 MVA Power Transformer will be supplied by UAHEL, whereas installation, testing and commissioning is specified for 2 Nos. transformers.	Please provide complete technical particulars of the UAHEL-supplied transformer, including manufacturer, model, year of manufacture, impedance, vector group, tap range and tap steps, OLTC manufacturer/model, bushing CT ratios/classes, guaranteed losses, accessories, marshalling box details and available drawings.	The available nameplate data, approved drawings and technical particulars of the UAHEL-supplied transformer will be provided to the successful Contractor before erection. The Contractor shall coordinate its installation with the supplied unit.
2	Same references as Item 1	One transformer is free-issued/UAHEL-supplied; however, the precise delivery/handover point is not clearly defined.	Please confirm the present storage/location of the UAHEL-supplied transformer and whether transportation from its present location to Gola Bazar Substation, including loading, unloading, insurance, route survey, handling and preservation, shall be under UAHEL's scope or Contractor's scope. If Contractor's scope, please provide transformer transport dimensions and weight.	The UAHEL-supplied transformer will be handed over at the Gola Bazar Substation site. Transportation up to the site shall be arranged by UAHEL.
3	Same references as Item 1	Contractor is required to install, test and commission the UAHEL-supplied transformer.	Please confirm that the Contractor's responsibility for the UAHEL-supplied transformer shall be limited to receiving, erection, installation, testing and commissioning, and that any pre-existing manufacturing defect, missing accessory, internal defect, guaranteed-loss issue or warranty obligation originating before handover shall remain with UAHEL/original supplier.	Confirmed. The Contractor is responsible from receipt at site through erection, testing and commissioning. Pre-existing manufacturing defects, missing items at handover and original warranty/performance obligations remain with UAHEL/original supplier, subject to joint inspection at handover.
4	BOQ - 33 kV Switchgear (p.354) versus Technical Data Sheet - 33 kV Circuit Breaker (p.256)	BOQ specifies 33 kV, 800 A, 20 kA VCB, whereas the Technical Data Sheet indicates 1200 A continuous current and 31.5 kA interrupting current.	Please confirm the final rated continuous current and short-circuit breaking current of the 33 kV VCB to be considered for bidding: 800 A/20 kA or 1200 A/31.5 kA.	For bidding, the 33 kV VCB rating shall be 800 A, 31.5 kA, as stated in the BOQ/Addendum. A higher rating may be offered at no additional cost, subject to approval.
5	33 kV Disconnecting Switch BOQ versus Technical Particulars, Appendix A-1/A-2 (p.149-151)	BOQ indicates 800 A, 20 kA, whereas the Technical Particulars specify 800 A, 25 kA for 1 second with 32 kA peak/making current.	Please confirm the final short-time current rating of the 33 kV Disconnecting Switches with and without earth switch to be considered for design, type-test compliance and pricing.	The 33 kV disconnecting switches shall be 800 A, 25 kA for 1 second minimum. Higher tested ratings are acceptable without additional cost.
6	Instrument Transformer Specification, Appendix A-1 and Technical Data Sheet (pp.156-157, 260)	Different CT ratios appear in the document. Technical specification mentions 400-200-100/5 A for transformer and 1200-600-300/5 A for line, whereas BOQ/Data Sheet includes 300-150/5-5 A.	Please provide the final CT ratio, number of cores, accuracy class, burden and short-time thermal current for each 33 kV Transformer Bay and 33 kV Line Bay separately.	For each 33 kV bay (Transformer and Line Bay) the CT shall be 300-150/5-5 A, two cores, 5P20 for protection and Class 0.5 for metering, with 50 VA burden. The final connection/tap shall be approved during detailed engineering.
7	Instrument Transformer Specification / Technical Data Sheet (pp.155-157, 260)	CT short-time rating also appears inconsistent: different sections indicate 25 kA and 31.5 kA.	Please confirm the required rated short-time thermal current and duration for the 33 kV CT.	The 33 kV CT short-time thermal rating shall be 25 kA for 1 second minimum. A higher rating is acceptable.



S.N.	Clause / Page Reference	Bid Requirement / Observation	Query / Clarification Requested	Employer's Response
8	Section III - Manufacturer's Experience, Item 1: Power Transformer (p.41)	Manufacturer shall have supplied at least twice the bid quantity of 6/8 MVA or higher transformers. However, only one new transformer is to be supplied by the Contractor while two are to be installed.	For Manufacturer's Experience evaluation, please confirm whether the "bid quantity" of Power Transformers shall be considered as one (1) No. or two (2) Nos.	For Manufacturer's Experience evaluation, the bid quantity of Power Transformer shall be one (1) No., corresponding to the new transformer to be supplied by the Bidder.
9	Section III - Manufacturer's Experience, Switchgear (p.41)	Qualification schedule refers to "12 V switchgear", whereas the equipment required is 12 kV switchgear.	Please confirm that the reference to 12 V switchgear is a typographical error and shall be read as 12 kV switchgear throughout the qualification requirement.	Confirmed. The reference to '12 V switchgear' is a typographical error and shall be read as '12 kV switchgear'.
10	11 kV Switchgear Technical Data Sheet (p.278)	Technical Data Sheet appears to state Metering - 5P20 and Protection - Class 0.5, which appear opposite to the conventional allocation of protection and metering cores.	Please confirm whether the intended CT accuracy classes are Class 0.5 for metering and 5P20 for protection, and provide the final burden/PS class requirement for incoming, outgoing and bus-coupler panels.	Clause 14.7.1 shall govern. Protection cores shall be 5P20, 30 VA and metering cores Class 0.5, 30 VA. Incoming and bus-coupler CT ratio shall be 1200-600-300/5 A; outgoing CT ratio shall be 800-400-200/5 A. The incoming shall also have a PS differential core, VA Burden is NA. The reversed entries in the Data Sheet are typographical errors.
11	Training, Inspection, Testing & Commissioning - Commissioning Objectives (pp.323-324)	Technical Specification requires confirmation of proper functioning of the SCADA system, whereas a separate detailed SCADA/RTU supply item is not clearly identifiable in the BOQ.	Please confirm whether supply, engineering, configuration, testing and commissioning of SCADA/RTU/Gateway/communication equipment is included in the Contractor's scope. If yes, please provide SCADA architecture, protocol, point list, communication medium, master-station/interface details and required hardware/software.	Separate SCADA/RTU/Gateway/master-station supply is not included. The Contractor shall provide complete local control/protection and SCADA-ready relays, wiring, spare contacts and communication interfaces as specified, and test the available interfaces.
12	General Technical Requirements, Scope of Works, Clauses 2.4.1-2.4.2 (pp.97-99); BOQ heading "Electrical Substation and Bay Extension Works"	Several provisions refer to an existing substation, existing equipment and proposed up-gradation/bay extension.	Please confirm whether any bay-extension or modification work at an existing substation is included in this Contract in addition to Gola Bazar Substation. If yes, please specify the substation, bays, existing equipment, interfaces and exact scope.	No bay-extension or modification at any existing substation is included. The Contract covers the new Gola Bazar Substation; generic references to an existing substation/upgradation shall not add scope.
13	Scope of Works, Clause 2.4.1 (pp.97-98)	Scope refers to structures for incoming/outgoing lines and associated connections.	Please define the exact Contractor/Employer interface point for the 33 kV incoming line and each 11 kV outgoing feeder. Please confirm whether Contractor's scope terminates at the substation gantry/fence or includes line works outside the substation boundary.	The Contractor's line-work scope terminates at the 33 kV incoming gantry and 11 kV outgoing terminal structures within the substation boundary. Connections upto the last pole are included.
14	Scope of Works / Drawings / BOQ	External line route and length are not clearly defined in the available BOQ.	If any external 33 kV or 11 kV line works are included, please provide route alignment, line length, conductor specification, pole/tower configuration, crossings, ROW status and associated quantities/drawings.	Not applicable. No external 33 kV or 11 kV line construction outside the substation boundary is included in this Contract except connection upto last pole.
15	Supply Schedule - Battery & Charger (p.357); Installation Schedule (p.360)	Supply schedule requires a 110 V, 240 Ah maintenance-free battery and 110 V charger, while installation schedule contains both 110 V Battery and Battery Charger and 111 V Battery and Battery Charger.	Please confirm that only one complete 110 V, 240 Ah DC battery bank and battery charger system is required and that "111 V" is a typographical error.	Confirmed. One complete 110 V, 240 Ah battery bank with one 110 V charger is required. '111 V' is a typographical/duplicate entry and shall be ignored.
16	BOQ - Steel Tubular Pole for Street Lighting (pp.356, 360)	Supply schedule specifies 10 Nos. 8 m steel tubular street-light poles, while installation schedule specifies 10 Nos. 11 m poles.	Please confirm the final required street-light pole height: 8 m or 11 m, together with applicable foundation and luminaire arrangement.	The street-light poles shall be 8 m high, 10 Nos., complete with foundations and luminaires as per approved drawings. The 11 m reference in the installation schedule is a typographical error.
17	11 kV Switchgear BOQ (pp.355, 359)	12 kV, 2000 A, 25 kA switchgear, Qty. 1 Set, is identified as Bus Coupler in one schedule but appears as outgoing feeder in another schedule.	Please confirm that the 2000 A, 25 kA panel is the Bus Coupler Panel, and provide the final CT, protection, metering and interlocking requirements for this panel.	Confirmed. The 12 kV, 2000 A, 25 kA panel is the Bus-Coupler Panel. CT, protection, metering and interlocking shall comply with Clause 14.7.1 and the approved drawings.

S.N.	Clause / Page Reference	Bid Requirement / Observation	Query / Clarification Requested	Employer's Response
18	Technical Requirements - Site Investigation, Clause 2.2.2-2.2.3 (p.82); BOQ Preamble (p.347)	Contractor is responsible for surveying, borings, geological/subsoil conditions and earth-resistivity testing. BOQ quantities are stated to be estimated/provisional and payment is based on actual measured quantities.	Please provide all available topographical survey, property boundary coordinates, benchmarks, geotechnical report, soil bearing capacity, groundwater information, earth-resistivity data, flood/high-flood level and approved formation level.	All currently available site/layout information is included in the bidding documents. No separate geotechnical or earth-resistivity report is being issued; the Contractor shall verify boundaries/levels and carry out the required survey, soil investigation and resistivity tests.
19	BOQ Preamble and Civil Works BOQ	Final quantities may vary based on detailed survey/design and actual site conditions.	Please confirm that variations in civil quantities resulting from the approved PCSE/detailed design and actual site conditions shall be measured and paid using the respective BOQ unit rates, in accordance with the BOQ Preamble and Contract.	Confirmed, subject to prior approval/order and the Contract. Actual measured quantities of measurable BOQ items shall be paid at the respective BOQ rates;
20	Drawings / Site Access / Scope	The project site is in Bhotkhola Rural Municipality, Sankhuwasabha, and heavy transformer transportation may require special logistics.	Please confirm whether the existing access road and bridges up to the Gola Bazar Substation site are suitable for transportation of a 6/8 MVA power transformer and other heavy equipment. If road widening, bridge strengthening or temporary access work is required specifically for such transportation, please clarify responsibility and payment mechanism.	The Employer does not warrant the load capacity of the existing road or bridges. The Bidder shall inspect the route and include necessary transport, permits and normal temporary arrangements in its price.
21	Training, Inspection, Testing & Commissioning, Clause 1.7 (p.328)	Contractor shall station 2 Level-3 electricians, 2 Level-4 electricians and 1 Level-5 electrician for minimum one year continuously after commissioning, and the Employer may extend their stay.	Please confirm that the Bidder shall price the stated manpower for twelve (12) months only after commissioning, and that any extension beyond twelve months requested by the Employer shall be paid additionally as a Variation/at agreed rates.	The bid price shall include the stated five electricians for twelve (12) months after commissioning. Any Employer-instructed extension beyond twelve months shall be treated as a Variation at agreed/derived rates.
22	SCC - Progress Payment / Training Manpower (pp.418-419)	Manpower for operation/on-site training is stated to be paid every three months during the DNP.	Please clarify the applicable BOQ/payment item and rate mechanism for the five post-commissioning electricians, since a separate clearly identifiable priced item is not apparent in the schedules reviewed.	Price this under General Items, Item D - Operation Cost of Manpower and On-site Training (LS). Payment shall be made every three months from commencement of the DNP, as stated in SCC GCC 49.1.
23	Power Transformer Specificities - Tests (pp.127-129)	Delivery tests include temperature-rise testing on at least one transformer of each rating and loss tests on each delivered transformer.	Please confirm which tests shall be performed on the UAHEL-supplied transformer, who shall arrange/pay for those tests, and whether the Contractor will have any liability for failure of the UAHEL-supplied transformer to satisfy original guaranteed losses/performance parameters.	The Contractor shall perform the normal receipt inspection and site tests required for erection and commissioning. Factory/manufacturing tests, original guaranteed losses and pre-handover defects of the UAHEL-supplied transformer remain with UAHEL/original supplier.
24	Functional Guarantees of the Proposed Facilities - Power Transformer (p.72)	Transformer guaranteed losses are required to be furnished with the Technical Bid and are subject to evaluation.	Please confirm that loss capitalization, guaranteed-loss evaluation and any related deductions/penalties shall apply only to the new Power Transformer offered and supplied by the Bidder, and not to the UAHEL-supplied transformer.	Confirmed. Loss capitalization, guaranteed-loss evaluation and related deductions apply only to the new Power Transformer offered and supplied by the Bidder.
25	Spare Parts Schedule - Power Transformer (p.361)	BOQ provides one set of transformer spare parts while two transformers will be installed.	Please confirm whether the specified Power Transformer spare parts are intended only for the Contractor-supplied transformer or must also be suitable/compatible with the UAHEL-supplied transformer.	The specified one set of Power Transformer spares is for the Contractor-supplied transformer. Compatibility with the UAHEL-supplied transformer is not required unless expressly approved otherwise.
26	SCC GCC 23.1 (p.416) versus Technical Specifications Clause 2.4.2 (pp.98-102)	SCC states that the Contractor shall design the "PCS Report", whereas Technical Specifications require comprehensive detailed engineering including SLD, layout, foundations, grounding calculations, cable schedules, protection coordination, etc.	Please clarify whether the reference to "PCS Report" means "Pre-Construction Survey & Engineering (PCSE) Report", and confirm the extent of Contractor's permanent works design responsibility.	Confirmed. "PCS Report" means the Pre-Construction Survey & Engineering (PCSE) Report. The Contractor is responsible for the complete detailed design and engineering of the permanent works listed in the Technical Specifications, subject to Employer approval.

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S.N.	Clause / Page Reference	Bid Requirement / Observation	Query / Clarification Requested	Employer's Response
27	Drawings Section (p.334-341) and Technical Specification	Tender drawings include site/layout/control-building/SLD information, while detailed engineering remains Contractor's responsibility.	Please confirm that the drawings included in the tender are reference/conceptual drawings, and that final dimensions, foundation design, equipment layout, cable trench, earthing design and other detailed drawings may be optimized by the Contractor subject to Employer approval without being considered a technical deviation, provided all functional requirements are satisfied.	Confirmed. Tender drawings are reference/concept drawings. The Contractor may optimize the detailed dimensions, layout and design subject to prior approval, compliance with site limits, and all functional and technical requirements, without constituting a deviation.
28	Technical Requirements - Drawing Approval (p.102)	Employer may take up to 35 days to approve each submitted drawing.	Considering the 12-month completion period, please confirm that any delay in approval beyond the contractual review period, provided the Contractor submitted complete documents on time, shall entitle the Contractor to appropriate extension of time in accordance with the Contract.	A delay beyond the 35-day review period attributable to the Employer will be considered under the Contract for appropriate extension of time, subject to timely complete submission, notice and demonstrated effect on the approved critical programme.
29	SCC - Duties, Taxes and Royalties / Customs and VAT (pp.421-422)	Contractor initially pays customs duty/VAT on imported permanent equipment, followed by reimbursement by Employer against original receipts.	Please clarify the procedure, required documents, prior approval mechanism and expected processing period for reimbursement of Customs Duty and VAT on imported permanent equipment/materials.	Before import, submit the import/reimbursement request with the approved equipment list, invoice, packing list, insurance, transport document, certificate of origin and required customs papers. Customs duty/VAT paid on permanent equipment will be reimbursed against original official receipts after verification through the normal payment process.
30	SCC GCC 53.1 - Price Adjustment (p.423)	Contract is expressly stated to be not subject to price adjustment.	Please confirm that where Employer-issued amendments, approved changes in scope, quantities, specifications, design/interface requirements or unforeseen conditions constitute Variations/Compensation Events under the Contract, corresponding adjustments shall be dealt with under the relevant Variation/Compensation Event provisions notwithstanding the non-applicability of general price escalation.	Confirmed. General price escalation does not apply. Approved Variations/Compensation Events will be valued under the applicable GCC provisions using BOQ/Contract rates or agreed rates.
31	Multiple GCC/SCC pages and tender headings	Certain portions of the bidding document appear to carry Tender No. UAHEL/082/83/SS-01, whereas the current Invitation for Bids and principal document identify UAHEL/083/84/SS-01.	Please confirm that all references to Tender No. UAHEL/082/83/SS-01 in the bidding document are typographical errors and shall be read as UAHEL/083/84/SS-01.	Confirmed. References to Tender No. UAHEL/082/83/SS-01 are typographical errors and shall be read as UAHEL/083/84/SS-01.
32	SCC GCC 1.1(v) - Intended Completion Date (p.414)	Intended completion period for the whole of the Works is 12 months.	Please confirm whether the 12-month contractual completion period covers design, procurement, manufacturing, delivery, civil works, erection, testing and successful commissioning, while the subsequent one-year post-commissioning electrician deployment falls outside this 12-month construction completion period.	Confirmed. The 12-month completion period covers design through successful commissioning. The one-year post-commissioning electrician deployment commences during the DNP and is outside the 12-month construction completion period.



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