BIDDING DOCUMENT

For

The Procurement of

Supply, Delivery, Installation and Commissioning of Laboratory Equipment (AR/VR, IoT, Computer, Power Infrastructure)

National Competitive Bidding (NCB)

Single-Stage: Single-Envelope (1S1E) Bidding Procedure

(Procurement of Goods without Bidder's Qualification)

LUMBINI TECHNOLOGICAL UNIVERSITY

Nepalgunj, Banke

Issued on: 2083/08/04 (20th November 2026)

Issued to: All Eligible Bidders.

Invitation for Bids No.: LTU/G/NCB-01/083/084

NCB No.: LTU/G/NCB-01/083/084

Contract Identification No.: LTU/G/NCB-01/083/084



Abbreviations

BDS ---------- Bid Data Sheet

DP ---------- Development Partner

EQC ---------- Evaluation and Qualification Criteria

e-GP …… Electronic Government Procurement

ELI …… Eligibility

EQC …… Evaluation and Qualification Criteria

EXP ……..…….. Experience

FIN ……..…….. Financial

GCC ..... General Conditions of Contract

GoN[1] ..... Government of Nepal

ICC..... International Chamber of Commerce

IFB ..... Invitation for Bids

ITB ..... Instructions to Bidders

JV ……..Joint Venture

LGRS ..... List of Goods and Related Services

LIT ……Litigation

NCB ……. National Competitive Bidding

NPR ……...Nepalese Rupees

PAN ……. Permanent Account Number

PPMO ……...Public Procurement Monitoring Office

PS……...Provisional Sum

SBD..... Standard Bidding Document

SCC……. Special Conditions of Contract

SR ..... Schedule of Requirements

TS..... Technical Specifications

USD …….. United States Dollar

VAT ---------- Value Added Tax

[1] "GoN" word indicates all public entities according to Public Procurement Act, 2063

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LUMBINI TECHNOLOGICAL UNIVERSITY
Nepalgunj, Banke
Invitation for Bids No: LTU/G/NCB-01/083/084
Date of Publication: 2083/08/04 (20th Nov 2026)

1. ***Lumbini Technological University, Nepalgunj, Banke*** has *allocated* funds towards the cost of **Supply, Delivery, Installation and Commissioning of Laboratory Equipment (AR/VR, IoT, Computer, Power Infrastructure)** and intends to apply part of the funds to cover eligible payments under the Contract for **LTU/G/NCB-01/083/084**. Bidding is open to all eligible Nepalese Bidders as defined in *ITB Clause 4 (Eligible Bidders)*. The estimated amount for the works is NRs. **3974333.33** (without VAT).
2. Lumbini Technological University, Nepalgunj, Banke invites *e-bids* from eligible Nepalese bidders for the **Supply, Delivery, Installation and Commissioning of Laboratory Equipment (AR/VR, IoT, Computer, Power Infrastructure)** under National Competitive Bidding (NCB) - Single Stage Single Envelope procedures.
3. Eligible Bidders may obtain further information and inspect the bidding documents at the office of Lumbini Technological University, Nepalgunj, Banke, Email: info@ltu.edu.np, or may visit the PPMO website www.bolpatra.gov.np.
4. A complete *set* of Bidding Documents may be purchased from Lumbini Technological University by eligible Bidders upon payment of a non-refundable fee of NPR 3,000.00 (Bid Document fee) during office hours in the account as specified below.

   Information to deposit the cost of bidding document in Bank:
   Name of the Bank: Rastriya Banijya Bank Ltd. Name of the Office: Lumbini Technological University
   Office Code no.: 3500057055 Office Account no.: 1000100200010000
   Rajaswa (Revenue) Shirshak no.: 14229
   OR
   Bidders who choose to submit their bid electronically may download the bidding documents for e-submission from PPMO's e-GP system www.bolpatra.gov.np/egp at no cost.
5. Pre-bid meeting shall be held at 2083-08-11, 14:00 (27th Nov 2026).
6. Electronic bids must be submitted to the office through PPMO's e-GP system www.bolpatra.gov.np/egp on or before 2083/08/24 (10 Dec 2026) , 12:00 PM. Bids received after this deadline will be rejected.
7. The bids will be opened in the presence of Bidders' representatives who choose to attend at 14:00 PM, 2083/08/24 (10 Dec 2026) at the office of Lumbini Technological University, Nepalgunj, Banke. Bids must be valid for a period of ***90 days*** after bid opening and must be accompanied by a bid security amounting to a minimum of NPR **113000.00**, which shall be valid for 30 days beyond the validity period of the bid. If the bidder wishes to submit the Cash Security, the cash should be deposited in the following account and the receipt of the deposited amount of cash submitted along with the bid.

   Name of the Bank: Rastriya Banijya Bank, Nepalgunj, Banke
   Name of the Office: Lumbini Technological University, Nepalgunj, Banke
   Office Code no.: 3500057055
   Deposit Account no.: KHA-2-3: DHARAUTI A/C (PARA.LE.NI.KA) 4130100202030000

8. If the last date of purchase and/or submission falls on a government holiday, then the next working day shall be considered as the last date. In such case the validity period of the bid and bid security shall remain the same as specified for the original last date of bid submission

Registrar

Part 1: BIDDING PROCEDURES

Section I. Instructions to Bidders

This section specifies the procedures to be followed by Bidders in the preparation and submission of their Bids. Information is also provided on the submission, opening, and evaluation of bids and on the award of contract.

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Section I. Instructions to Bidders (ITB)

A. General

1. Scope of Bid	1.1 In connection with the Invitation for Bids indicated in the Bid Data Sheet (BDS), the Purchaser as ***indicated in the BDS*** issues this Bidding Document for the supply of Goods and Related Services incidental thereto as specified in Section V, Schedule of Requirements. The name, identification, and number of contracts (packages/lots) are ***indicated in BDS***. 1.2 Throughout this Bidding Document: (a) the term "in writing" means communicated in written form through e-GP system, email, fax or courier with proof of receipt; (b) if the context so requires, singular means plural and vice versa; and (c) "day" means calendar day.
2. Source of Funds	2.1 GoN Funded: In accordance with its annual program and budget, approved by the GoN, the Purchaser intends to apply a portion of the allocated budget to eligible payments under the contract(s) ***indicated in the BDS*** for which this Bidding Document is issued. Or DP Funded: The GoN has applied for or received financing (hereinafter called "funds") from the Development Partner (hereinafter called "the DP") ***indicated in the BDS*** toward the cost of the project ***named in the BDS***. The GoN intends to apply a portion of the funds to eligible payments under the contract(s) for which this Bidding Document is issued. 2.2 DP Funded: Payment by the DP will be made only at the request of the GoN and upon approval by the DP in accordance with the terms and conditions of the financing agreement between the GoN and the DP (hereinafter called the "Loan Agreement"), and will be subject in all respects to the terms and conditions of that Loan Agreement. No party other than the GoN shall derive any rights from the Loan Agreement or have any claim to the funds.
Fraud and Corruption	3.1 Purchasers as well as Bidders, suppliers and contractors and their sub-contractors shall adhere to the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this:;

	(a) the Purchaser adopts, for the purposes of this provision, the terms as defined below: (i) "corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, anything of value to influence improperly the actions of another party; (ii) "fraudulent practice" means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation; (iii) "coercive practice" means impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party; (iv) "collusive practice" means an arrangement between two or more parties designed to achieve an improper purpose, including influencing improperly the actions of another party. (v) "obstructive practice" means (a) deliberately destroying, falsifying, altering, or concealing of evidence material to an investigation; (b) making false statements to investigators in order to materially impede an investigation; (c) failing to comply with requests to provide information, documents, or records in connection with an investigation; (d) threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or (e) materially impeding GoN/DP's contractual rights of audit or access to information; and (vi) "integrity violation" is any act which violates Anticorruption Policy, including (i) to (v) above and the following: abuse, conflict of interest, violations of GoN/DP sanctions, retaliation against whistleblowers or witnesses, and other violations of Anticorruption Policy, including failure to adhere to the highest ethical standard. (b) the Purchaser will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations in competing for the contract;
	(c) DP will cancel the portion of the financing allocated to a contract if it determines at any time that representative(s) of the GoN or of a beneficiary of DP-financing engaged in corrupt, fraudulent, collusive, or coercive practices or other integrity violations during the procurement or the execution of that contract, without the GoN having taken timely and appropriate action satisfactory to DP to remedy the situation. (d) DP will impose remedial actions on a firm or an individual, at any time, in accordance with DP's Anticorruption Policy and related Guidelines (as amended from time to time), including declaring ineligible, either indefinitely or for a stated period of time, to participate in DP-financed, -

	administered, or -supported activities or to benefit from an DP-financed, -administered, or -supported contract, financially or otherwise, if it at any time determines that the firm or individual has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations; and (e) The Supplier shall permit the GoN/DP to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the GoN/DP, if so required by the GoN/DP.
	3.2 The Bidder shall not carry out or cause to carry out the following acts with an intention to influence the implementation of the procurement process or the procurement agreement : (a) give or propose improper inducement directly or indirectly, (b) distortion or misrepresentation of facts, (c) engaging in corrupt or fraudulent practice or involving in such act, (d) interference in participation of other competing bidders, (e) coercion or threatening directly or indirectly to cause harm to the person or the property of any person to be involved in the procurement proceedings, (f) collusive practice among bidders before or after submission of bids for distribution of works among bidders or fixing artificial/uncompetitive bid price with an intention to deprive the Purchaser the benefit of open competitive bid price, (g) Contacting the Purchaser with an intention to influence the Purchaser with regards to the bids or interference of any kind in examination and evaluation of the bids during the period from the time of opening of the bids until the notification of award of contract.
	3.3 PPMO, on the recommendation of the Purchaser may blacklist a Bidder for a period of one (1) to three (3) years for its conduct including on the following grounds and seriousness of the act committed by the bidder: (a) if convicted by a court of law in a criminal offence which disqualifies the Bidder from participating in the contract, (b) if it is established that the contract agreement signed by the Bidder was based on false or misrepresentation of Bidder's qualification information, (c)if it at any time determines that the firm has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for, or in executing, a GoN/DP-financed contract. (d) if the Successful Bidder fails to sign the Contract. (e) a Bidder requests for withdrawal or modification of its bid: (i) after the Bid Submission deadline and during the period of validity specified by the Bidder on the Letter of Bid, in case of electronic submission;

	(ii) from the period twenty-four hours prior to bid submission deadline up to the period of bid validity specified by the Bidder on the Letter of Bid, in case of hard copy submission. (f) if the bidder does not provide clarifications of its Bid by the date and time set in the Employer's request for clarification pursuant to ITB 29.1. (g) a Bidder changes the prices or substance of the bid while providing information pursuant to ITB 29.1.
	3.4 A bidder declared blacklisted and ineligible by the GoN, Public Procurement Monitoring Office (PPMO) and/or the DP in case of DP funded project, shall be ineligible to bid for a contract during the period of time determined by the GoN, PPMO, the competent authority, and/or the DP including credit information bureau of Nepal for failure to repay a loan disbursed by a bank or financial institution. 3.5 In case of a natural person or firm/institution/company which is already declared blacklisted and ineligible by the GoN, any other new or existing firm/institution/company owned partially or fully by such Natural person or Owner or Board of director of blacklisted firm/institution/company; shall not be eligible bidder.
	3.6 Furthermore, Bidders shall be aware of the provisions of GCC 34.1(c).
Eligible Bidders	4.1 4.1 A Bidder, and all parties constituting the Bidder, shall have nationality from an eligible country, except as specified in the **BDS.** 4.2 A Bidder may be a natural person, private entity, government-owned entity (subject to ITB 4.5) or any combination of them with a formal intent to enter into an agreement or under an existing agreement in the form of a Joint Venture (JV). Maximum number of parners in JV shall be as **specified in BDS** .In the case of a JV: (a) all parties to the JV shall be jointly and severally liable; and (b) a JV shall nominate a representative who shall have the authority to conduct all businesses for and on behalf of any and all the parties of the JV during the bidding process and, in the event the JV is awarded the Contract, during contract execution. 4.3 A Bidder shall not have a conflict of interest. Any Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to be in a conflict of interest with one or more parties in this bidding process if, including but not limited to: (a) have controlling shareholders in common;

	(b) receive or have received any direct or indirect subsidy from any of them; (c) have the same legal representative for purposes of this Bid; (d) have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Purchaser regarding this bidding process; (e) a Bidder participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which it is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more than one bid; or (f) a Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the goods and services that are the subject of the bid. (g) a Bidder that has a close business or family relationship with a professional staff of the Purchaser. 4.4 A Bidder that is under a declaration of ineligibility by the GoN/DP in accordance with ITB 3.4, at the date of the deadline for bid submission or thereafter, shall be disqualified. The list of debarred firms is available at the electronic address **specified in the BDS**. 4.5 A GoN-owned enterprise may also participate in the bid if it is legally and financially autonomous, it operates under commercial law, and it is not dependent agency of the Purchaser. 4.6 Bidders shall provide such evidence of their continued eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request. 4.7 Firms shall be excluded in any of the cases, if (a) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations prohibits any import of goods or Contracting of works or services from that country or any payments to persons or entities in that country. (b) DP Funded: as a matter of law or official regulation, GoN prohibits commercial relations with that country, provided that the DP is satisfied that such exclusion does not preclude effective competition for the supply of goods or related services required;

	(c) DP Funded: a firm has been determined to be ineligible by the DP in relation to their guidelines or appropriate provisions on preventing and combating fraud and corruption in projects financed by them.
	4.8 The domestic Bidder who has obtained Permanent Account Number (PAN) and Value Added Tax (VAT) registration certificate(s) and Tax clearance certificate or proof of submission of tax return or evidence of time extension from the Inland Revenue Office shall only be eligible. The foreign bidder submitting the documents ***indicated in the BDS*** at the time of bid submission and a declaration to submit the document(s) ***indicated in the BDS*** at the time of contract agreement shall only be eligible
5. Eligible Goods and Related Services	5.1 All goods and related services to be supplied under the contract are eligible, unless their origin is from a country ***specified in the BDS***. 5.2 For purposes of this clause, "origin" means the place where the goods are mined, grown, cultivated, manufactured, processed or produced, or through manufacture, processing, or assembly, another commercially recognized goods or product results that differs substantially in its basic characteristics from its imported or produced, or the place from which the related services are supplied 5.3 The nationality of the firm/Bidder that produces, assembles, distributes, or sells the goods shall not determine their origin.
6. Site Visit	6.1 For goods contracts requiring installation/ commissioning/ networking or similar services at site, the Bidder, at the Bidder's own responsibility and risk, is encouraged to visit and examine the Site and obtain all information that may be necessary for preparing the Bid and entering into a contract for the supply of goods and related services. 6.2 The Bidder should ensure that the Purchaser is informed of the visit in adequate time to allow it to make appropriate arrangements. 6.3 The costs of visiting the Site shall be at the Bidder's own expense.

B. Contents of Bidding Document

7. Sections of the Bidding Document	7.1 The Bidding Document consist of Parts 1, 2, and 3, which include all the Sections indicated below, and should be read and construed in conjunction with any Addenda issued in accordance with ITB 9. **PART 1 Bidding Procedures** Section I. Instructions to Bidders (ITB) Section II. Bid Data Sheet (**BDS**)

	Section III. Evaluation and Eligibility Criteria Section IV. Bidding Forms **PART 2 Supply Requirements** Section V. Schedule of Requirements (SR) **PART 3 Conditions of Contract and Contract Forms** Section VI. General Conditions of Contract (GCC) Section VII. Special Conditions of Contract (SCC) Section VIII. Contract Forms 7.2 In case of hard copy submission, the Purchaser will reject any Bid submission if the Bidding Document was not purchased directly from the Purchaser, or through its assigned office as stated in the invitation for bids. 7.3 The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Document as well as in Amendments, if any. Failure to furnish all information or documentation required by the Bidding Document may result in the rejection of the Bid. 7.4 The Invitation for Bids issued by the Purchaser is not part of the Bidding Document
8. Clarification of Bidding Document/Pre-bid meeting	8.1 A prospective Bidder requiring any clarification of the Bidding Document shall contact the Purchaser in writing at the Purchaser's address ***indicated in the BDS*** or raise any question or curiosity during the pre-bid meeting if provided for in accordance with ITB 8.2. The Purchaser will respond in writing to any request for clarification, provided that such request is received within the time limit ***specified in the BDS*** prior to the deadline for submission of Bids. The Purchaser shall forward copies of its response to all Bidders who have acquired the Bidding Document directly from it, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Document as a result of a clarification, it shall do so following the procedure under ITB 9 and ITB 24.2. 8.2 The purchaser may organize a pre-bid meeting of Bidders at least ten (10) days before the deadline for submission of Bids at the place, date, and time as ***specified in the BDS*** to provide information relating to Bidding Documents, Technical specifications and the like matters. Should the purchaser deem it necessary to amend the Bidding Document as a result of a clarification, it shall do so following the procedure under ITB 9 and ITB **24.2**.

9. Amendment of Bidding Document	9.1 At any time prior to the deadline for submission of the Bids, the Purchaser may amend the Bidding Document by issuing addenda. 9.2 Any addendum issued shall be part of the Bidding Document and shall be communicated in writing to all who have obtained the Bidding Document directly from the Purchaser. 9.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their Bids, the Purchaser may, at its discretion, extend the deadline for the submission of the Bids, pursuant to ITB 24.2. However, the time available to submit bids shall not be less than five (5) days since amendment in bidding document.

C. Preparation of Bids

10. Cost of Bidding	10.1 The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
11. Language of Bid	11.1 The Bid, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Purchaser, shall be written in the language ***specified in the BDS***. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language ***specified in the BDS***, in which case, for purposes of interpretation of the Bid, such translation shall govern.
12. Documents Comprising the Bid	12.1 The Bid shall comprise the following: (a) Letter of Bid and the applicable Price Schedules, in accordance with ITB Clauses 13, 15, and 16; (b) Bid Security in accordance with ITB 21; (c) alternative bids, at Bidder's option and if permissible, in accordance with ITB 14; (d) written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 22; (e) documentary evidence in accordance with ITB 17 establishing the Bidder's eligibility to bid; (f) documentary evidence in accordance with ITB Clauses 18 and 31, that the Goods and Related Services conform to the Bidding Document;

	(g) documentary evidence in accordance with ITB 19 establishing the Bidder's qualifications to perform the contract if its Bid is accepted; and (h) any other required documents, which is not against the provision of Procurement Act/Regulation/Directives and Standard Bidding Document issued by PPMO, ***required in the BDS.*** 12.2 The Bidder is solely responsible for the authenticity of the submitted documents.
13. Letter of Bid and Price Schedules	13.1 The Bidder shall submit the Letter of Bid using the form furnished in Section IV, Bidding Forms. This form must be completed without any alterations to its format, and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested. 13.2 The Bidder shall submit the Price Schedules for Goods and Related Services, according to their origin as appropriate, using the forms furnished in Section IV, Bidding Forms
14. Alternative Bids	14.1 Unless otherwise ***indicated in the BDS***, alternative bids shall not be considered.
15. Bid Prices and Discounts	15.1 The prices and discounts quoted by the Bidder in the Letter of Bid and in the Price Schedules shall conform to the requirements specified below. 15.2 The Bidder shall complete the appropriate Price Schedule and the sources of Goods schedules included herein, stating the unit prices, total cost per item, the total Bid amount, and the expected countries of origin of the Goods to be supplied under the contract. 15.3 Prices quoted in the Price Schedules shall be included the cost of goods, other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the item, the customs duties, transportation cost up to final delivery, insurance cost, unloading, and any other cost for (incidental) services, if any, related to the delivery of goods. All risks and responsibilities up to the final destination including installation and commissioning of Goods, if applicable, shall be borne by the Supplier. All items in the Schedule of Requirements must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Items not listed in the Price Schedule shall be assumed not to be included in the Bid, and provided that the Bid is substantially responsive, the corresponding adjustment shall be applied in accordance with ITB 36.3. Unit rates and prices for all items in the Schedule of Requirements shall be expressed in positive values. If unit rates and prices are expressed in negative values, the bid will be rejected.

	15.4 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise ***specified in the BDS***. A Bid submitted with an adjustable price quotation shall be treated as non responsive and shall be rejected, pursuant to ITB 32. However, if in ***accordance with the BDS***, prices quoted by the Bidder shall be subject to adjustment during the performance of the Contract, a Bid submitted with a fixed price quotation shall not be rejected, but the price adjustment shall be treated as zero. 15.5 The Bidder's separation of price components in accordance with ITB 15.2 above will be solely for the purpose facilitating the comparison of bids by the Purchaser and will not in any way limit the Purchaser's right to contract on any of the terms offered. 15.6 The price to be quoted in the Letter of Bid shall be the total price of the Bid excluding any discounts offered. Absence of the total bid price in the Letter of Price Bid may result in the rejection of the Bid. 15.7 If the Bidder intends to offer any unconditional discount, it shall always be expressed in fixed percentage and that shall not vary as the quantity varies and be applicable to each unit rate. The discount and methodology for its application shall be quoted in Letter of Bid. 15.8 If so indicated in ITB 1.1, Bids are being invited for individual contracts (lots) or for any combination of contracts (packages). Bidders wishing to offer any price discount for the award of more than one Contract shall specify in their Bids the price discount applicable to each package, or alternatively, to individual Contracts within the package. Price discounts shall be submitted in accordance with ITB 15.7, provided the Bids for all lots are submitted and opened at the same time.
16. Currencies of Bid	16.1 All Prices shall be quoted in Nepalese Rupees.
17. Documents Establishing the Eligibility of the Bidder	17.1 To establish their eligibility in accordance with ITB 4, Bidders shall: (a) complete the eligibility declarations in the Letter of Bid, included in Section IV, Bidding Forms; and (b) if the Bidder is an existing or intended JV in accordance with ITB 4.2, submit a copy of the JV Agreement, or a letter of intent to enter into such an Agreement. The respective document shall be signed by all legally authorized signatories of all the parties to the existing or intended JV, as appropriate. (c) submit the copy of the documents as ***specified in Section III, Evaluation and Eligibility Criteria.***

18. Documents Establishing the Conformity of the Goods and Related Services to the Bidding Document	18.1 To establish the conformity of the Goods and Related Services to the Bidding Document, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods and Related Services conform to the requirements specified in Section V, Supply of Requirements. 18.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item-by-item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to those requirements, and if applicable, a statement of deviations and exceptions to the provisions of Section V, Schedule of Requirements. 18.3 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period **specified in the BDS** following commencement of the use of the goods by the Purchaser. 18.4 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Section V, Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in Section V, Schedule of Requirements.
19. Documents Establishing the Eligibility of the Bidder	19.1 The documentary evidence of the Bidder's eligibility to perform the contract, if its bid is accepted, shall establish to the Purchaser's satisfaction that the Bidder meets each of the Eligibility criterion specified in Section III, Evaluation and Eligibility Criteria. 19.2 If so ***required in the BDS***, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in Nepal and take care of the warranty provided. 19.3 If so ***required in the BDS***, a Bidder that does not conduct business within Nepal shall submit evidence that it will be represented by an Agent in Nepal equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications. 19.4 A foreign Bidder wishing to have or already having a local agent shall state the following:

	a. Name and address of the Agent/Representative, b. The Agent/Representative providing type of services, c. Amount of commission if the Agent/Representative is entitled to get such payment and if it participates in the procedure of payment, d. Other agreement with Agent/Representative, if any, e. Bidder shall certify in the Letter of Authorization as follows: "We certify that the statement and disclosure made by us on the above are complete and true to the best of our knowledge and belief", If the agent has not been appointed: a. Source of information about tender invitation, b. The remuneration given to the individual or firm/company or organization to work on its behalf for submitting tender, representation in the bid opening and other required action in connection with the tender, c. Transfer or handover an evidence of foreign currency exchanged which required to be submitted with the tender, d. If the bank account of any Nepali citizen has been used for the exchange of foreign currency specify the name of the individual and his address. If the foreign currency has been exchanged by self then the certificate of currency exchange. 19.5 If a foreign Bidder in its Bid, has not provided the information mentioned in ITB 19.4 or has submitted its bid stating that the Bidder does not have a local agent and later it is proved that the bidder has a local agent or it is proved that the commission mentioned in the Bid is less than the commission received by the local agent then the Purchaser shall initiate proceedings to blacklist such bidder in accordance with ITB 3.3.
20. Period of Validity of Bids	20.1 Bid shall remain valid for a period ***specified in the BDS.*** The bid validity period shall start from the bid submission deadline as prescribed by the Purchaser in accordance with ITB 24.1. If the prescribed bid submission deadline date falls on a public holiday applicable to the Purchaser, then the next working day shall be considered as the bid submission deadline date. In such case the validity period of the bids shall be considered from the original bid submission deadline date. A bid valid for a shorter period shall be rejected by the purchaser as nonresponsive. In the case of electronic bid submission, if any technical issue arises in the handling of the e-GP system, the PPMO may extend the deadline for bid submission. However, the validity period of the bids shall still be counted from the original bid submission deadline.

	20.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request Bidders to extend the period of validity of their Bids. The request and the responses shall be made in writing. If a Bid Security is requested in accordance with ITB 21, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its Bid and to include any additional conditions against the provisions specified in Bid Documents.
21. Bid Security	21.1 The Bidder shall furnish as part of its bid, in original form a Bid Security as ***specified in the BDS***. In case of e-submission of bid, the Bidder shall upload scanned copy of Bid security letter at the time of electronic submission of the bid. The Bidder accepts that the scanned copy of the Bid security shall, for all purposes, be equal to the original. The details of original Bid Security and the scanned copy submitted with e-bid should be the same otherwise the bid shall be non-responsive. 21.2 If a bid security is specified pursuant to ITB 21.1, the bid security shall be a demand guarantee in any of the following forms at the Bidder's option: a. original copy of an unconditional bank guarantee from Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law or; b. original copy of cash deposit voucher in the Purchaser 's Account as specified in BDS. In case of a bank guarantee, the Bid Security shall be submitted either using the Bid Security Form included in Section IV, Bidding Forms or in another form acceptable to the purchaser. The form must include the complete name of the Bidder. The Bid Security shall be valid for minimum thirty (30) days beyond the end of the validity period of the bid, or beyond any period of extension if requested under ITB 20.2. A bid security valid for a shorter period shall be rejected by the Purchaser as nonresponsive. The bid security issued by any foreign Bank outside Nepal must be counter guaranteed by an Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law in Nepal. 21.3 If a bid Security is required in accordance with ITB 21.1, any Bid not accompanied by an enforceable and substantially compliant Bid Security in accordance with ITB 21.2, shall be rejected by the Purchaser as nonresponsive. In case of e- Submission, if the scanned copy of an acceptable bid security letter is not uploaded with the electronic bid then bid shall be rejected.

	21.4 The Purchaser shall return the bid securities except those that are to be forfeited as per ITB 21.5 to the respective bidders within three (3) days after the successful bidder has furnished the required performance security and signed the Contract Agreement pursuant, to ITB 42.1 and ITB 43.1. 21.5 The Bid Security may be forfeited in occurrence any of the following: (a) a Bidder requests for withdrawal or modification of its bid, except as provided in ITB 20.2 (i) during the period of bid validity specified by the Bidder on the Letter of Bid, in case of electronic submission; (ii) from the period twenty-four hours prior to bid submission deadline up to the period of bid validity specified by the Bidder on the Letter of Bid, in case of hard copy submission. (b) a Bidder changes the prices or substance of the bid while providing information pursuant to ITB 29.1; (c) a Bidder involves in fraud and corruption pursuant to ITB 3.1; (d) the successful Bidder fails to: (i) furnish a performance security in accordance with ITB 42.1; or (ii) sign the Contract in accordance with ITB 43.1; or (iii) accept the correction of arithmetical errors pursuant to ITB 34. 21.6 The Bid Security of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent mentioned in ITB 17.1 (b).
22. Format and Signing of Bid	22.1 The Bidder shall prepare one original set of the documents comprising the bid as described in ITB 12 and clearly mark it "ORIGINAl". Alternative bids, if permitted in accordance with ITB 14, shall be clearly marked "ALTERNATIVE". In addition, the Bidder shall submit copies of the bid, in the number specified in the BDS and clearly mark each of them "COPY NO… - BID". In the event of any discrepancy between the original and the copies, the original shall prevail. In case of e-submission of bid, the Bidder shall submit his bid electronically in PDF or online forms files as specified in ITB Clause 23.1(b). If a Bidder submits both the electronic bid and a bid in hard copy within the bid submission deadline, then the submitted Bids shall be accepted for evaluation provided that the facts and figures in hard copy confirm to those in electronic bid. If there is any major discrepancy in fact and figures

	in the electronic bid and bid in hard copy, it shall be treated as two separate bids from one Bidder and both the Bids shall be disqualified, as per ITB Clause 4.3 (e). 22.2 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation as ***specified in the BDS*** and shall be attached to the Bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the bid, except for un amended printed literature, shall be signed or initialed by the person signing the bid. 22.3 Any amendments such as interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Bid.

D. Submission and Opening of Bids

23. Sealing and Marking of Bids	23.1 Unless otherwise **specified in BDS**, Bidders shall submit their bids by electronic or by mail/ by hand/ by courier. Procedures for submission, sealing and marking are as follows: (a) Bidders submitting bids by mail, by hand or by Courier shall enclose the original and each copy of the Bid, including alternative bids, if permitted in accordance with ITB 14, in separate sealed envelopes, duly marking the envelopes as **"ORIGINAL", "ALTERNATIVE" and "COPY No…. –BID"** as appropriate. These envelopes containing the original and the copies shall then be enclosed in one single envelope. (b) Bidders submitting Bids electronically shall follow the electronic bid submission procedure specified in this clause. i. The bidder is required to register in the e-GP system https://www.bolpatra.gov.np/egp following the procedure specified in e-GP guideline. ii. Interested bidders may either purchase the bidding document from the Purchaser's office as specified in the Invitation for Bid (IFB) or bidders may download the IFB and bidding document from e-GP system. iii. The registered bidders need to maintain their profile data required during preparation of bids. iv. The bidder can prepare their technical and price bids using data and documents maintained in bidder's profile and forms/format provided in bidding document by Purchaser. The bidder may submit bids as a single entity or as a joint venture. The bidder submitting bid in joint venture shall have to upload joint venture agreement along with partner(s) Bolpatra ID provided during bidder's registration. v. Bidders (all partners in case of JV) should update their profile

data and documents required during preparation and submission of their technical bids.

vi. In case of bid submission in JV, the consent of the partners shall be obtained through the confirmation link sent to the registered email address and the partners shall have to acknowledge their confirmation.

The required documents and forms shall be prepared in PDF form and/or shall be filled in the web forms in the e-GP system as specified below.

No.	Document	Requirement	Remarks
1.	Letter of Bid	Mandatory	PDF
2.	Bid Security/Bank Guarantee	Mandatory	PDF
3.	Firm or Company registration Certificate	Mandatory	PDF
4.	VAT registration Certificate	Mandatory **(**for domestic bidders only**)**	PDF
5.	Business Registration Licence (Certificate)	Mandatory	PDF
6.	Tax Clearance Certificate of 2082/83 /Tax return submission evidence/evidence of time extension	Mandatory **(**for domestic bidders only**)**	PDF
7.	Power of Attorney of Bid signatory	Mandatory	PDF
8.	Joint venture agreement	Mandatory in case of JV Only	PDF
9.	Eligibility Documents	Mandatory	PDF
10.	Completed Price Schedule	Mandatory	Online Forms

11.	Technical Specification	Mandatory	PDF or Online Forms
12.	Delivery and Completion Schedule	Mandatory	PDF or Online Forms
13.	Price Adjustment Table	Mandatory (If applicable)	PDF/Online Forms
15.	Additional documents] specified in ITB 12.1 (h)	Mandatory (If any)	PDF

Note:

a) ***The documents specified as "Mandatory" should be included in e-submission and non-submission of the documents shall be considered as non-responsive bid.***

b) Bidders (all partners in case of JV) should verify/update their profile documents as appropriate for the specific bid before submitting their bid electronically.

vii. After providing all the details and documents, two separate bid response documents i.e technical bids and price bids will be generated from the system. Bidders are advised to download and verify the response documents prior to bid submission.

viii. For verifying the authentic user, the system will send one time password (OTP) in the registered e-mail address of the bidder. System will validate the OTP and allow bidder to submit their bid.

ix. Electronically submitted bids can be modified and/or withdrawn through system. The bidder may modify their bids multiple times online within bid submission date and time specified in e-GP system. Once a Bid is withdrawn, bidder won't be able to submit another bid response for the same bid.

x. The Bidder / Bid shall meet the following requirements and conditions for e-submission of bids;

aa) The e-submitted bids must be readable through PDF reader.

bb) The facility for submission of bid electronically through e-submission is to promote transparency, non-discrimination, equality of access, and open competition in the bidding process. The Bidders are fully responsible to use the e-submission facility properly in e-GP system as per specified procedures and in no case the Purchaser shall be held liable for Bidder's inability to use this facility.

	cc) When a bidder submits electronic bid through the PPMO e-GP portal, it is assumed that the bidder has prepared the bid by studying and examining the complete set of the Bidding documents including specifications, drawings and conditions of contract. 23.2 The inner and outer envelopes shall: (a) bear the name and address of the Bidder; (b) be addressed to the Purchaser in accordance with ITB 24.1; and (c) bear a warning "NOT TO OPEN BEFORE THE TIME AND DATE FOR BID OPENING" (d) bear the specific identification of this bidding process indicated in BDS 1.1. 23.3 If all envelopes are not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the bid.
24. Deadline for Submission of Bids	24.1 Bids must be received by the Purchaser at the address and no later than the date and time ***indicated in the BDS***. In case of e-submission, the standard time for e-submission is Nepal Standard Time as set out in the server. The e-procurement system will accept the e-submission of bid from the date of publishing of notice and will automatically not allow the e-submission of bid after the deadline for submission of bid. 24.2 The Purchaser may, at its discretion, extend the deadline for the submission of Bids by amending the Bidding Document in accordance with ITB 9, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.
25. Late Bids	25.1 The Purchaser shall not consider any Bid that arrives after the deadline for submission of Bids, in accordance with ITB 24. Any Bid received by the Purchaser after the deadline for submission of Bids shall be declared late, rejected, and returned unopened to the Bidder.
26. Withdrawal, or Modification of Bids	26.1 A bidder may withdraw, or modify its bid after it has been submitted either in hard copy or by e-Submission. Once a Bid is withdrawn, bidder shall not be able to submit another bid for this bidding process. Procedures for withdrawal or modification of submitted bids are as follows: (i) Bids submitted in hard Copy **GoN Funded:** Bidders may withdraw or modify its bids by sending a written notice in a sealed envelope, duly signed by an authorized representative, and shall

include a copy of the authorization in accordance with ITB 22.2 before 24 hours prior to the last deadline of submission of bid. The corresponding modification of the bid must accompany the respective written notice. All notices must be:

(a) prepared and submitted in accordance with ITB 22 and ITB 23, and in addition, the respective envelopes shall be clearly marked "WITHDRAWAL", "MODIFICATION;" and

(b) received by the Purchaser 24 hours prior to the deadline prescribed for submission of bids, in accordance with ITB 24.

DP Funded:

Bidders may withdraw or modify its Bid – Technical or Price – after it has been submitted by sending a written notice, duly signed by an authorized representative, and shall include a copy of the authorization in accordance with ITB 22.2. The corresponding modification of the Bid must accompany the respective written notice. All notices must be

(a) prepared and submitted in accordance with ITB 22 and ITB 23, and in addition, the respective envelopes shall be clearly marked "WITHDRAWAL," and "MODIFICATION;" and

(b) received by the Purchaser prior to the deadline prescribed for submission of Bids, in accordance with ITB 24.

(ii) E-submitted bids.

a) Bidder may submit modification or withdrawal prior to the deadline prescribed for submission of bids through e-GP system by using the forms and instructions provided by the system.

Once a Bid is withdrawn, bidder shall not able to submit another bid for the same bid.

26.2 Bids requested to be withdrawn in accordance with ITB 26.1 (i) shall be returned unopened to the Bidders after the end of bid opening process.

26.3 The following provisions apply for withdrawal or modification of the Bids:

GoN Funded

(i) In case of bids submitted in hard copy no bid shall be withdrawn or modified in the interval between 24 hours prior time of the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Letter of Bid or any extension thereof.

(ii) In case of e-submitted bids no bids shall be withdrawn or modified in the interval between deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the bid submission form or any extension there of.

DP Funded

	No Bid may be withdrawn or modified in the interval between the deadline for submission of Bids and the expiration of the period of bid validity specified by the Bidder on the Letters of Technical Bid and Price Bid or any extension thereof. 26.4 Except in case of any modification or correction in bid document made by Purchaser, Bidder may submit request for withdrawal or modification only one time. 26.5 In case of hard copy bid, no bid may be withdrawn if the bid has already been modified; except in case of any modification or correction in bid document by Purchaser. 26.6 Request for withdrawal or modification must be made through the same medium of submission. Request for withdrawal or modifications through different medium shall not be considered.
27.Bid Opening	27.1 The Purchaser's bid opening committee shall conduct the opening of Bids in public in the presence of bidder or its representative who choose to attend at the address, date and time specified in the BDS. 27.2 The opening committee shall download the e-submitted Bid files. The e-GP system allows the Purchaser to download the e-submitted Bid files (report) only after bid opening date and time after login simultaneously by two members of the Bid Opening Committee. 27.3 Electronically submitted Bid shall be opened at first in the same time and date as *specified above*. Electronic Bids shall be opened one by one and read out. The e-submitted Bids must be readable through open standards interfaces. Unreadable and or partially submitted bid files shall be considered incomplete. 27.4 Before opening the bids, the opening committee shall separate the envelopes of the bids received after the deadline of bid submission, the envelopes containing an application given for WITHDRAWAL, MODIFICATION of bids and the envelopes of bids duly registered. The bids received after the deadline of submission shall be returned to the concerned bidder unopened. Then envelopes marked "WITHDRAWAL" shall be opened first, read out, and recorded, and the envelope containing the corresponding Bid shall not be opened, but returned to the Bidder. If the withdrawal notice is not accompanied by a copy of the valid authorization pursuant to ITB 22.2, the withdrawal shall not be permitted and the corresponding Bid will be opened. Next, envelopes marked "MODIFICATION" shall be opened, read out, and recorded with the corresponding Bid. No Bid shall be modified unless the corresponding Modification Notice contains a valid authorization to request the modification and is read out and recorded at bid opening. Only envelopes

	that are opened, read out, and recorded at bid opening shall be considered further. 27.5 All other envelopes shall be opened one at a time, and the following read out and recorded: the name of the Bidder; the Bid Price(s) (per lot/package if applicable), including any discounts and alternative bids and indicating whether there is a modification; the presence of a Bid Security, and any other details as the Purchaser may consider appropriate. Only discounts and alternative offers read out and recorded at bid opening shall be considered for evaluation. No Bid shall be rejected at bid opening except for late bids, in accordance with ITB 25.1. 27.6 The opening committee shall prepare a record of the bid opening that shall include, as a minimum: the name of the Bidder and whether there is a withdrawal, or modification; the Bid Price, per lot if applicable, any discounts and alternative offers if they were permitted; and the presence or absence of a Bid Security. The Bidders' representatives who are present shall be requested to sign the record. The omission of a Bidder's signature on the record shall not invalidate the contents and effect of the record. A copy of the record shall be distributed to all Bidders who submitted bids in time, and posted online when electronic bidding is permitted. The Bidders' representatives who are present shall also be requested to sign an attendance sheet.

E. Evaluation and Comparison of Bids

28.Confidentiality	28.1 Information relating to the examination, evaluation, comparison, and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with such process until publication of the Contract award; thereafter, information will be disclosed in accordance with ITB 41.1. 28.2 Any attempt by a Bidder to influence the Purchaser in the examination, evaluation, and comparison of the Bids or Contract award decisions may result in the rejection of its Bid. 28.3 Notwithstanding ITB 28.2, from the time of bid opening to the time of Contract award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.
29.Clarification of Bids	29.1 To assist in the examination, evaluation, and comparison of the Bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder with regard to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the evaluation of the Bids,

	in accordance with ITB 34. In case of e-submission of bid, upon notification from the purchaser, the bidder shall also submit the original of documents comprising the Bid as per ITB 12.2 and ITB 12.3 for verification of submitted documents for acceptance of the e-submitted bid. 29.2 If a Bidder does not provide clarifications of its Bid by the date and time set in the purchaser's request for clarification, its Bid shall be rejected.
30.Deviations, Reservations, and Omissions	30.1 During the evaluation of bids, the following definitions apply: (a) "Deviation" is a departure from the requirements specified in the Bidding Document; (b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Document; and (c) "Omission" is the failure to submit part or all of the information or documentation required in the Bidding Document.
31. Examination of Bid	31.1 The purchaser shall examine the Bid to confirm that all documents and technical information requested in ITB 12.1 have been submitted. If any of these documents or information (except alternative Bid which is optional) is missing, the bid shall be rejected. 31.2 In case of e-submission bids, the Purchaser shall confirm that all the documents and information requested in ITB 23.1 have been submitted. If any of these documents or information is missing, the bid shall be rejected.
32. Determination of Responsiveness	32.1 The Purchaser's determination of the responsiveness of a Bid is to be based on the contents of the Bid itself, as defined in ITB 12.1. 32.2 A substantially responsive bid is one that meets the requirements of the Bidding Document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that, (a) if accepted, would: (i) affect in any substantial way the scope, quality, or performance of the Goods and Related Services specified in Section V, Schedule of Requirements; or (ii) limits in any substantial way, inconsistent with the Bidding Document, the Purchaser's rights or the Bidder's obligations under the proposed Contract; or (b) if rectified, would unfairly affect the competitive position of other Bidders presenting substantially responsive bids.

	32.3 The Purchaser shall examine the technical aspects of the bid in particular, to confirm that all requirements of Section V, Schedule of Requirements have been met without any material deviation or reservation. 32.4 If a bid is not substantially responsive to the requirements of the Bidding Document, it shall be rejected by the Purchaser and may not subsequently be made responsive by correction of the material deviation, reservation, or omission. 32.5 In case of e-submission bids, the purchaser evaluates the bid on the basis of the information in the electronically submitted bid files. If the Bidder cannot substantiate or provide evidence to establish the information provided in e-submitted bid through documents/ clarifications as per ITB Clause 29.1, the bid shall not be considered for further evaluation.
33. Non-material Non-conformi-ties	33.1 The Purchaser may regard a Bid as responsive even if it contains minor deviations that do not materially alter or depart from the characteristics, terms, conditions and other requirement set forth in the Bidding Document or if it contains errors or oversights that are capable of being corrected without affecting the substance of the Bid. 33.2 Provided that a Bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify non-material non-conformities or omissions in the Bid related to documentation requirements. Requesting information or documentation on such non-conformities shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid. 33.3 Provided that a Bid is substantially responsive, the Purchaser shall rectify non-material non-conformities or omissions. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of the missing or non-conforming item or component. The adjustment shall be made using the method indicated in Section III, Evaluation and Qualification Criteria. 33.4 If small differences are found such as in technical specification, description, feature which does not make the bid to be rejected, then the cost, which is calculated to the extent possible due to such differences, shall be included while evaluating bid. 33.5 If the value is found fifteen percent more than the quoted amount of the bidder on account of small differences pursuant to ITB 33.4, such bid shall be considered irresponsive in substance and shall not be considered for evaluation.



34.Correction of Arithmetical Errors	34.1 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis: a) if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected; b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; c) If there is a discrepancy between the bid price in the Summary of price schedule and the bid amount in item (c) of the Letter of Bid, the bid price in the Summary of price schedule will prevail and the bid amount in item (c) of the Letter of Bid will be corrected; and d) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above. 34.2 If a Bidder does not accept the correction of **arithmetical** errors, its bid shall be disqualified and its bid security shall be forfeited.
35. Domestic Goods to be Procured	35.1 If the price of domestic goods, are higher up to fifteen percent (15%) than that of goods manufactured in foreign countries, the domestic goods shall be preferred in the evaluation of the Bids 35.2 If the bid closest to the Average Bid Price is a bid offering foreign goods, the next closest bid offering domestic goods that is up to 15% more expensive than the bid offering foreign goods shall be selected for award. 35.2 For granting such preference pursuant to 35.2, the bidder must submit the country of origin issued by competent authority stating that the value added of the goods in Nepal is more than 30 percent.
36.Evaluation and Comparison of Bids	36.1 To evaluate a Bid, the Purchaser shall only use all the criteria and methodologies defined in this Clause and in Section III, Evaluation and Eligibility Criteria. No other criteria or methodology shall be permitted. 36.2 To evaluate a Bid, the Purchaser shall consider the following: (a) the bid price as quoted in accordance with ITB 15 **as specified in BDS**; (b) adjustment for correction of arithmetic errors in accordance with ITB 34.1;

	(c) adjustment due to discounts offered in accordance with ITB 15.7; (d) adjustment for nonmaterial nonconformities in accordance with ITB 33.3 ; and (e) adjustment due to application of the evaluation criteria **specified in the BDS** from amongst those set out in Section III (Evaluation and Eligibility Criteria). These criteria may include factors related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services which shall be expressed to the extent practicable in monetary terms to facilitate comparison of bids unless otherwise specified in Section III. (f) adjustment due to the application of a margin of preference in accordance with ITB clause 35. 36.3 The Purchaser shall evaluate all the bid prices of the substantially responsive bids in accordance with ITB 36.2. If the evaluated Bid Price of the Bidder is more than 30 (thirty) percent below or substantially higher than the cost estimate, the Purchaser shall reject the Bid as non-responsive. The Purchaser shall determine the Average Bid Price of all the substantially responsive Bids. The Bid Price which is closest to the Average Bid Price AND is not substantially higher than the cost estimate shall be selected for awarding the contract. 36.4 Any allowance for price adjustment during the period of performance of the Contract, if provided in the Bid, shall not be taken into account in bid evaluation. 36.5 If this Bidding Document allows Bidders to quote separate prices for different lots/packages, and to award multiple Contracts to a single Bidder, the methodology to determine the lowest evaluated price of the Contract combinations, including any discounts offered in the Letter of Bid, is specified in Section III (Evaluation and Eligibility Criteria). 36.6 Notwithstanding ITB 36.3, If all the Bids evaluated are substantially higher than the cost estimate, the purchaser may negotiate with the bidder who submitted the lowest evaluated substantially responsive Bid to propose a lump sum discount rate in order to bring the bid price within the approved cost estimate. However, no change in the substance of the bid is permitted during the negotiations. 36.7 If no agreement can be reached as per ITB 36.6, the purchaser shall cancel the procurement proceedings. 36.8 While evaluating the Bid Price as per ITB 36.3, if the Bid Price of two or more Bidders is found to be equal, the Purchaser shall select the bid for awarding the contract by drawing of lots in presence of Bidders' designated representatives who choose to attend in date, time and place as

	notified by the Purchaser in writing to the concerned bidders. The Bidders' representatives who are present shall be requested to sign a record evidencing their attendance. The omission of a Bidder's signature on the record or the absence of a Bidder during the drawing of lots shall not invalidate the contents and the effect of the record. The method of drawing lots shall be determined by the Purchaser
37.Post-qualification of the Bidder	37.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the substantially responsive bid closest to the Average Bid Price is qualified to perform the Contract satisfactorily. 37.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's eligibility submitted by the Bidder, pursuant to ITB 19. 37.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the Bid, in which event the Purchaser shall proceed to the next substantially responsive bid closest to the Average Bid Price to make a similar determination.
38.Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids	38.1 The Purchaser reserves the right to accept or reject any Bid, and to cancel the bidding process and reject all Bids at any time prior to Contract award, without thereby incurring any liability to the Bidders. In case of annulment, all Bids submitted and specifically, bid securities, shall be promptly returned to the Bidders.
	38.2 The Purchaser shall give notice of the rejection of bids or the cancellation of the procurement proceedings pursuant to ITB 38.1, along with the reasons for such rejection or cancellation, to all bidders**.**
	38.3 Where any bidder requests, within thirty (30) days of the communication of the notice pursuant to ITB 38.2, the grounds for the rejection of all bids or the cancellation of the procurement proceedings, the Purchaser shall provide such information to that bidder**.**

F. Award of Contract

39.Award Criteria	39.1 The Purchaser shall select to award the Contract to the Bidder whose Bid Price is selected as per ITB 36 and is substantially responsive to the Bidding Document, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
40.Purchaser's Right to Vary Quantities at Time of Award	40.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in Section V, Schedule of Requirements, provided this does not exceed the percentages ***indicated in the BDS***, and without any change in

	the unit prices or other terms and conditions of the Bid and the Bidding Document.
41. Letter of Intent to award the Contract/ Notification of Award	41.1 The Purchaser shall notify the concerned Bidder whose bid has been selected in accordance with ITB 39.1 within seven days of the selection of the bid, in writing that the Purchaser has intention to accept his/her bid and shall Inform via the Letter of Intention included in the Contract Forms and the information of name, address and amount of selected bidder shall be given to all other bidders who submitted the bid. 41.2 If no bidder submits an application pursuant to ITB 44.1 within a period of seven days of providing the notice under ITB 41.1 the Purchaser shall accept the bid selected in accordance with ITB 39.1 prior to the expiry of bid validity period, and notification of award shall be communicated to the selected bidder to furnish the performance security and sign the contract within fifteen days.
42.Performance Security	42.1 Within fifteen (15) days of the receipt of notification of award from the Purchaser, the successful Bidder shall furnish the Performance Security in **an amount equal to 5 (five) percent of the Bid Price without VAT but including PS** in accordance with the Condition of Contract, from Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law in Nepal using Sample Form for the Performance Security included in Section VIII (Contract Forms) or another form acceptable to the Purchaser. The performance security issued by any Foreign Bank outside Nepal must be counter guaranteed by Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law in Nepal.
	42.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract Agreement shall constitute sufficient grounds for the annulment of the award, forfeiture of the Bid Security and black listing. In that event the Purchaser shall award the Contract to the next Bidder whose Bid Price is closest to the previously determined Average Bid Price whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily. The process shall be repeated according to ITB 41.
43. Signing of Contract	43.1 The Purchaser and successful Bidder shall sign the contract agreement within the period stated in 42.1 in the form included in section VIII (Contract Forms) after the submission of performance security by successful bidder in accordance with ITB 42. 43.2 At the same time, the Purchaser shall affix a public notice on the result of the award on its notice board and make arrangement for causing such notice to be affixed on the notice board also of the ***District Coordination Committee, District Administration Office, Provincial Treasury and Controller Office***

	and District Treasury and Controller Office. The Purchaser may make arrangements to post the notice into its website, if it has; and if it does not have, into the website of the Public Procurement Monitoring Office, identifying the bid and lot/package numbers and the following information: (i) the result of evaluation of bid; (ii) date of publication of notice inviting bids; (iii) name of newspaper; (iv) reference number of notice; (v) item of procurement; (vi) name and address of bidder making contract and (viii) contract Price. 43.3 The Purchaser shall promptly respond in writing to any unsuccessful Bidder who, within thirty days from the date of issuance of notification pursuant to ITB 41.1, requests in writing the grounds on which its bid was not selected. 43.4 If the bidder whose bid has been accepted fails to sign the contract as stated in ITB 43.1, the Public Procurement Monitoring Office shall blacklist the bidder on recommendation of the Purchaser.
44.Complaint and Review	44.1 If a Bidder dissatisfies with the Procurement proceedings or the decision made by the Purchaser in the intention to award the Contract, it may file an application to the Chief of the concerning Public Entity of the Purchaser within seven (7) days of having, receipt of such notice or decision making, for review of the proceedings stating the factual and legal grounds. 44.2 An application filed after the deadline pursuant ITB 44.1 shall not be processed. 44.3 The chief of Public Entity of the Purchaser shall, within five (5) days after receiving the application, give its decision with reasons, in writing pursuant to ITB 44.1: (a) whether to suspend the procurement proceeding and the procedure for further proceedings to be adopted; or (b) whether or not to reject a application. No application can be submitted before the Public Procurement Review Committee (PPRC) for review against the decision made by the chief of the Public Entity for the Bid amount up to the value ***as stated in BDS***. 44.4 If the Bidder is not satisfied with the decision of the Public Entity in accordance with ITB 44.3, or the decision by the Public Entity is not given within five (5) days of receipt of application pursuant to ITB 44.1, it can, within seven (7) days of receipt of such decision, file an application to the Public Procurement Review Committee of the GoN, stating the reason of its disagreement on the decision of the chief of Public Entity and furnishing the relevant documents, provided that its Bid amount is above the amount as stated in ITB 44.3. The application may be sent by hand, or

	by post, or by courier, or by electronic media at the risk of the Bidder itself. 44.5 Late application filed after the deadline pursuant to ITB 44.4 shall not be processed. 44.6 Within three (3) days of the receipt of application from the Bidder, pursuant to ITB 44.4, the Public Procurement Review Committee shall notify the concerning Public Entity of the Purchaser to furnish its procurement proceedings and comments on the issue, pursuant to ITB 44.3. 44.7 Within three (3) days of receipt of the notification pursuant to ITB 44.6, the Public Entity shall furnish the copy of the related documents along with its comment or reaction of complaint to the Review Committee. 44.8 The Public Procurement Review Committee, after inquiring from the Bidder and the Public Entity, if needed, shall give its decision within thirty (30) days after receiving the application filed by the Bidder, pursuant to ITB 44.4. 44.9 The Bidder, filing application pursuant to ITB 44.4, shall have to furnish a cash amount or Bank guarantee from Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law ***as stated in BDS*** with the validity period of at least ninety (90) days from the date of the filing of application pursuant to ITB 44.4. Application filed without furnishing the security deposit shall not be processed. 44.10 If the claim made by the Bidder pursuant to ITB 44.4 is justified, the Public Procurement Review Committee shall have to return the security deposit to the applicant, pursuant to ITB 44.9, within seven (7) days of such decision made. 44.11 If the claim made by the Bidder pursuant to ITB 44.4 is rejected by the Public Procurement Review Committee, the security deposit submitted by the Bidder pursuant to ITB 44.9 shall be forfeited. 44.12 If the Purchaser does not implement the decision of the Public Procurement Review Committee, the bidder may file an application to the Public Procurement Review Committee.

Section II. Bid Data Sheet

A. Introduction	
ITB 1.1	The number of the Invitation for Bids (IFB) is: **LTU/G/NCB-01/083/084**
ITB 1.1	Name of the Purchaser*:* **Lumbini Technological University, Nepalgunj, Banke**
ITB 1.1	Name and Identification number of the Contract: **Supply, Delivery, Installation and Commissioning of Laboratory Equipment (AR/VR, IoT, Computer, Power Infrastructure) , LTU/G/NCB-01/083/084**
ITB 2.1	Source of Fund: ***GoN Funded*** Name of contract/s: **Supply, Delivery, Installation and Commissioning of Laboratory Equipment (AR/VR, IoT, Computer, Power Infrastructure)**
ITB 4.1	Bidders from the following countries are not eligible: **Not Applicable**
ITB 4.2	For GoN Funded: Maximum number of partner in a joint venture shall be : **3 (three)**
ITB 4.4	A list of debarred firms is available at http:\\www.blacklist.gov.np and
ITB 4.8	The foreign Bidder at the time of bid submission: ▪ shall submit ***Not Applicable*** ▪ shall declare to submit at the time of contract agreement ***Not Applicable***
ITB 5.1	Goods and related services to be supplied from following countries are not eligible: ***Not Applicable***
B. Bidding Document	
ITB 8.1	For clarification purposes only, the Employer's address is: Attention: **Lumbini Technological University** Address:**Nepalgunj-10, Banke** Telephone: **081-539601** Electronic mail address: **info@ltu.edu.np**
ITB 8.1	The purchaser will respond in writing to any request for clarification provided that such request is received no later than 10 days prior to the deadline date for submission of bid.
ITB 8.2	A pre-bid meeting **shall** held at 2083-08-11 , 14:00.
C. Preparation of Bids	

ITB 11.1	The language of the Bid is: Nepali or English
ITB 12.1 (h)	The Bidder shall submit the following additional documents with its Bid: [*insert any other documents required, such as* (i) ***Manufacturer's Authorization Letter as specified in Technical Specification;*** (ii) ***Warrenty Letter as specified in Technical Specification;***
ITB 14.1	Alternative Bids ***shall not be*** permitted.
ITB 15.3	**The prices quoted by the Bidder shall :** ***not be Adjustable.***
ITB 19.2	***A Manufacturer's Authorization letter is required for the items that are specified in Technical Specification.***
ITB 19.3	The Bidder ***is not*** required to include with its bid, evidence that it will be represented by an Agent in Nepal.
ITB 20.1	The bid validity period shall be *90* days.
ITB 21.1	The bid must be accompanied by bid security, amounting to a ***minimum of NPR 113000.00***, which shall be ***valid for minimum 30 days*** beyond the bid validity period**.**
ITB 21.2	If the Bidder wishes to submit the Bid Security in the form of cash, the cash should be deposited in Name of the Bank: Rastriya Banijya Bank, Nepalgunj, Banke Name of Office: Lumbini Technological University, Nepalgunj Banke. Office Code no.: 3500057055 Deposit Account no.: KHA-2-3: DHARAUTI A/C (PARA.LE.NI.KA) 4130100202030000
ITB 22.2	The written confirmation of authorization to sign on behalf of the Bidder shall indicate: (a) The name and description of the documentation required to demonstrate the authority of the signatory to sign the Bid such as a Power of Attorney; and (b) In the case of Bids submitted by an existing or intended JV, an undertaking signed by all parties (i) stating that all parties shall be jointly and severally liable, and (ii) nominating a Representative who shall have the authority to conduct all business for and on behalf of any and all the parties of the JV during the bidding process and, in the event the JV is awarded the Contract, during contract execution.

D. Submission and Opening of Bids	
ITB 23.1	Bidders shall have the option of submitting their bids ***by electronic or by hand / by courier*** .
ITB 24.1	**<u>For bid submission purposes only, the Employer's address is :</u>** **Attention: Lumbini Technological University** **Address: Nepalgunj, Bankes**
ITB 24.1	**<u>The deadline for bid submission is :</u>** **Date: 2083/08/24** **Time: 12:00 PM**
ITB 24.1	If the last date of purchasing, submission and opening of Bid falls on a public holiday applicable to purchaser then the next working day shall be considered as the last day without any change in the time and place as fixed.
ITB 27.1	The bid opening shall take place at: Address: **Lumbini Technological University, Nepalgunj-10, Banke.** Date: **2083/08/24** Time: **14:00 PM**
E. Evaluation and Comparison of Bids	
ITB 36.3 (a)	Bids will be evaluated lot by lot/package (may be multiple or single). If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. An item not listed in the Price Schedule shall be assumed to be not included in the bid, and provided that the bid is substantially responsive, the average price of the item quoted by substantially responsive bidders will be added to the bid price and the equivalent total cost of the bid so determined will be used for price comparison.
ITB 36.3 (e)	The adjustments shall be determined using the following criteria, from amongst those set out in Section III, Evaluation and Qualification Criteria: ***[refer to Schedule III, Evaluation and Qualification Criteria; insert complementary details if necessary]*** **(a)** Deviation in Delivery schedule: ***[insert Yes or No. If yes insert the adjustment factor]***

	(b) Deviation in payment schedule: ***[insert Yes or No. If yes insert the adjustment factor]*** **(c)** the cost of major replacement components, mandatory spare parts, and service: ***[insert Yes or No. If yes, insert the Methodology and criteria]*** **(d)** the availability of spare parts in Nepal and after-sales services for the equipment offered in the bid: ***[insert Yes or No, If yes, insert the Methodology and criteria]*** **(e)** the projected operating and maintenance costs during the life of the equipment: ***[insert Yes or No, If yes, insert the Methodology and criteria]*** **(f)** the performance and productivity of the equipment offered: ***[Insert Yes or No. If yes, insert the Methodology and criteria]*** ***[insert any other specific criteria if any]***
F. Award of Contract	
ITB 40.1	The maximum percentage by which quantities may be increased is: 15% The maximum percentage by which quantities may be decreased is: 15%
ITB 44.3	NPRTwenty Million (NPR. 20,000,000)
ITB 44.9	The bidder, filling application pursuant to ITB 44.4, shall have to furnih a cash amount ot Bank guarantee equal to 1 % of its quoted bid price

Section III. Evaluation and Eligibility Criteria

The purpose of the Evaluation and Eligibility Criteria (EEC) is to specify the criteria that the Purchaser will use to evaluate the Bids to determine the substantially responsive bid closest to the Average Bid Price and post-qualify the substantially responsive bid closest to the Average Bid Price. The Purchaser must prepare the EEC and include it as a part of the Bidding Document. The EEC is not a Contract document and, therefore, it is not a part of the Contract.

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1. Evaluation Criteria

Criteria for Bid evaluation are to be determined case by case basis. Select from following the appropriate criteria according to the provisions specified in ITB 36. Retain only the relevant parameters and evaluation methods to apply corresponding to the retained criteria.

1.1 Technical Criteria

These criteria should specify the minimum technical level that the Goods and Related Services shall have in order to comply with the Section V. Schedule of Requirements. Whenever possible, these criteria should be evaluated on a pass–fail system, with a minimum acceptable level for each criteria enumerated.

However, a minor deficiency in technical compliance may not be cause for rejection of the Bid. The cost of making good any deficiency should likewise be added to the Bid Price concerned. The most frequently used methods assign to the non-conforming items or components, prices based on similar methods described above under Scope, with the price of the nonconforming items or components deducted.

[Insert: "The cost of all quantifiable deviations or deficiencies from the technical requirements as specified in Section V. Schedule of Requirements shall be evaluated. The Purchaser will make its own assessment of the cost of these deviations or deficiencies for the purpose of ensuring fair comparison of Bids"]

1.2 Economic Criteria

The economic criteria are most important when evaluating a Bid. In most cases, they are the only criteria for evaluating Bids that have passed the technical evaluation. Price, however, may not be the only criterion, as there could be other criteria that may be expressed in monetary terms. For energy consuming equipment and facilities, adjustment for efficiency over and above the minimum functional guarantees specified in the specifications (e.g. generators, pumps), losses (e.g. transformers), and future operating costs of the equipment may be taken into account in the determination of the evaluated Bid Price. The financial cost for these adjustments (added to or deducted from the Bid Price as the case may be) shall be made only when it is specified in the Bidding Document that these functional guarantees and projected operating costs are factors in bid evaluation. The methods of calculation for these evaluation factors shall be clearly specified in the Bidding Document. Deviations from the specified manner of cost calculation shall not be introduced.

Examples of such criteria appear below:

1.2.1 Adjustment for Scope

1.2.1.1 Local Handling and Inland Transportation

If the Purchaser wishes to consider during bid evaluation the costs for inland transportation, insurance, and other services within Nepal incidental to delivery of the goods to their final destination, then the Purchaser must define these service items in Section V. Schedule of Requirements, List of Goods and Related Services; and

Bidders must be required to quote for these service items as part of their bid price in the PRICE SCHEDULE FOR RELATED SERVICES TO BE OFFERED FROM OUTSIDE AND WITHIN NEPAL provided in Section IV, Bidding Forms.

In such case, the following provision should be used:

[Insert: "Costs for inland transportation, insurance, and other incidental costs for delivery of the goods from the EXW premises, or port of entry, or border point to Project Site as defined in Section V. Schedule of Requirements, shall be quoted in the PRICE SCHEDULE FOR RELATED SERVICES TO BE OFFERED FROM OUTSIDE AND WITHIN NEPAL provided in Section IV, Bidding Forms. These costs will be taken into account during bid evaluation. If a Bidder fails to include such costs in its Bid, then these costs will be estimated by the Purchaser on the basis of published tariffs by the rail or road transport agencies, insurance companies, or other appropriate sources, and added to EXW or DDP or CIP price."]

1.2.1.2 .Minor Omissions or Missing Items

The cost of minor omissions or missing items in the scope of supply, services, etc. should be added to the Bid Price to allow for Bid comparison on an equal basis. The price adjustment should be based on a reasonable estimate of the cost by the executing agency, engineer, consultant or bid evaluation committee, taking into consideration the corresponding quoted prices from other conforming Bids. The price adjustment should be based on the fair price of the omitted item. The most frequently used methods assign to the missing item a price:

(i) equal to the highest price quoted for the same item by the other Bidders; or

(ii) equal to the average price quoted for the same item by the other Bidders; or

(iii) estimated by the Purchaser.

Of these three methods the Purchaser should preferably use (i) or (ii), as Bidders frequently challenge (iii) because of its lack of transparency.

[Insert: "Pursuant to Sub-Clause 33.3 of the Instructions to Bidders, the cost of all quantifiable nonmaterial nonconformities or omissions from the contractual and commercial conditions shall be evaluated. The Purchaser will make its own assessment of the cost of any nonmaterial nonconformities and omissions for the purpose of ensuring fair comparison of Bids."]

1.2.2 Adjustment for Deviations from the Terms of Payment

The Purchaser must state here whether deviations from the terms of payment as specified in Special Conditions of Contract, Clause 15.1, are permitted or not. If permitted, the Purchaser shall evaluate deviations from the terms of payment in the following manner. The Purchaser shall first evaluate the Bids based on the terms of payment specified in the Special Conditions of Contract, Clause 15.1. The Purchaser shall then add an adjustment to the Bid Price to take into account the differences in cash flows. The adjustment shall be calculated as the discounted cash flow of the incremental payments of the alternative compared with those of the terms of payment specified by the Purchaser.

Alternative 1: ***[Insert: "Deviations from the Terms of Payment as specified in SCC 15.1 are not permitted."]***

Alternative 2: ***[Insert: "Bids offering payment terms that differ from those specified in SCC 15.1 will be accepted but the Bids will be adjusted in the evaluation by adding the cost of the interest involved at the rate of (. . . specify commercial rate applicable)."]***

1.2.3 Adjustment for Deviations in the Delivery and Completion Schedule

Bidders are required to base their prices on the Delivery and Completion Schedule specified in Section V. Schedule of Requirements. The Purchaser must state here whether deviations from the specified Delivery and Completion Schedule are permitted or not. If permitted, the Purchaser shall evaluate deliveries by adding the corresponding price adjustment in accordance with the procedure outlined below.

Alternative 1: ***[Insert: "Deviations from the Delivery and Completion Schedule specified in Section V (Schedule of Requirements) are not permitted."]***

Alternative 2: ***[Insert: "The Goods covered by this bidding process are required to be delivered in accordance with, and completed within, the Delivery and Completion Schedule specified in Section V (Schedule of Requirements). No credit will be given for earlier completion. Bids offering late contract performance schedules (beyond earliest delivery date specified in Schedule of Requirements) will be accepted but the Bids shall be adjusted in the evaluation by adding to the Bid Price at the rate of 0.05 percent of the Bid Price for each day of delay. Bids offering delivery schedules beyond latest delivery date specified in Schedule of Requirements shall be rejected."]***

1.2.4 Operating and Maintenance Costs

The Operating and Maintenance costs (O&M) need to be taken into account for bid evaluation purposes when such costs over the life cycle of the Goods represent an important cost in relation to the capital or investment cost of the Goods. Different technologies may involve large variations in the capital costs of the Goods and the costs associated with their O&M. Normally, more elaborate technologies and materials used in the manufacturing of the Goods involve higher



investment costs and lower O&M costs. O&M costs are evaluated at their present value over the life cycle of the Goods and then added to the price of the Goods**.**

Typical O&M cost factors for calculation are:

(a) Number of years for initial period of operation. It is recommended that the initial period of operation does not exceed the usual period before a major overhaul of the Goods is required, usually between five and ten years. The load or working cycle (hourly, daily, monthly, seasonal) of the Goods shall be as specified by the Purchaser).

(b) Operating costs such as fuel, electricity, spare parts, labour and/or other inputs required for the operation of the Goods.

(c) Rate (normally prevailing commercial interest rate), in percent, to be used to discount to present value, all of the annual future costs calculated under (b) above for the period specified in (a).

[Insert procedures to be used]

1.2.5 Spare Parts and after Sales Service Facilities

Only those spare parts and tools which are specified on an item-wise basis in the List of Goods and Related Services in Section V. Schedule of Requirements, shall be taken into account in the bid evaluation. Supplier-recommended spare parts for a specified operating requirement shall not be considered in bid evaluation.

[Insert: "The list of items and quantities of (… specify spare parts, tools, major assemblies, and selected components), likely to be required during the initial period (… specify period) of operation is indicated in Section V. Schedule of Requirements. The total cost of these items at the unit prices quoted in each Bid shall be added to the Bid Price."] and or [Insert: " Bid price will be loaded by a 1% amount of bid price, if the spare parts and after sales services facilities for the equipment are not available in …….[insert the name of place such as Kathmandu or Pokhara etc.]].

1.2.6 Performance and Productivity of the Goods

The adjustment factor for the performance or productivity of the Goods shall be calculated based on the difference between the reference value or norm (i.e. the efficiency) as specified in Section V. Schedule of Requirements, and the corresponding value guaranteed by the Bidder in its Bid. Choose and insert one of the following:

(i) Performance and productivity of the equipment. An adjustment representing the capitalized cost of additional operating costs over the life of the plant will be added to the bid price, for evaluation purposes if specified in the BDS Sub-Clause 36.3 (e). The adjustment will be evaluated based on the drop in the guaranteed performance or efficiency offered in the bid below the norm of 100, using the methodology specified in BDS Sub-Clause 36.3(e).

or

(ii) An adjustment to take into account the productivity of the goods offered in the bid will be added to the bid price, for evaluation purposes only, if specified in BDS Sub-Clause 36.3 (e). The adjustment will be evaluated based on the cost per unit of the actual productivity of goods offered in the bid with respect to minimum required values, using the methodology specified in BDS Sub-Clause 36.3 (e).

1.2.7 Specific additional Criteria

Other specific additional criteria to be considered in the evaluation, and the evaluation method shall be detailed in BDS sub clause 36.3 (e)

1.3 Multiple Contracts

If Goods and Related Services are grouped in multiple lots/packages, the following provision must be used:

[Insert: "Goods are grouped in lots/packages. The Purchaser will evaluate and compare Bids on the basis of a lot/package, or a combination of lots/packages, or as a total of lots/packages to arrive at the least cost combination for the Purchaser by taking into account discounts offered by Bidders in case of award of multiple contracts."]

If a Bidder submits successful Bids for multiple lots/packages (evaluated substantially responsive Bids closest to the Average Bid Price), the evaluation will also include an assessment of the Bidder's capacity to meet the aggregated qualifying requirements relating to ***[Purchaser to list here the qualifying requirements set for individual contracts/lots/packages, i.e., production capacity, size of operation].***

2. Eligibility

Except Qualification Requirements mentioned as optional, which may be specified as per requirements, the Purchaser shall specify the following Qualification Requirements without any substantial deviation.

2.1 Eligibility

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	

2.1.1 Conflict of Interest

No conflicts of interest in accordance with ITB 4.3.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Letter of Bid

2.1.2 Government/DP Eligibility

Not having been declared ineligible by government /DP, as described in ITB Sub-Clause 4.4.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Letter of Bid

2.1.3 Government-Owned Entity

Bidder required to meet conditions of ITB 4.5.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Letter of Bid; Forms ELI – 1 and ELI - 2

2.1.4 UN Eligibility

Not having been excluded by an act of compliance with a United Nations Security Council resolution in accordance with ITB 4.7.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Letter of Bid

2.1.5 Nationality

Nationality in accordance with ITB 4.8.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Letter of Bid; Forms ELI – 1 and ELI – 2 with attachments

2.1.6 Other Eligibility

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	
Firm or Company Registration Certificate	must meet requirement	not applicable	must meet requirement	not applicable	Document attachment
Business Registration License (Certificate)	must meet requirement	not applicable	must meet requirement	not applicable	Document attachment
VAT and PAN Registration certificate ***(only for domestic bidders)***	must meet requirement	not applicable	must meet requirement	not applicable	Document attachment
Tax Clearance Certificate/Tax return submission evidence/ evidence of time extension for the F/Y…….***(Only for domestic bidders)***	must meet requirement	not applicable	must meet requirement	not applicable	Document attachment

Section IV. Bidding Forms

Notes on Bidding Forms

The Purchaser shall include in the Bidding Documents all Bidding Forms that the Bidder shall fill out and include in its Bid. The forms contained in this section are to be completed by the Bidder and submitted as part of its Bid. As specified in this Section, these forms are the Letter of Technical Bid, Letter of Price Bid, the Bid Security, Price Schedules and the Bidder's Qualification Information Forms.

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Letter of Bid

(The Bidder shall accomplish the Letter of Bid in its Letter Head Clearly showing the Bidders Complete name and address)

Date:
Contract No.:
Invitation for Bid No.:

To: ***[Insert complete name of Purchaser]***

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Document, including Addenda issued in accordance with Instructions to Bidders (ITB) Clause 9;

(b) We offer to supply in conformity with the Bidding Document and in accordance with the delivery schedule specified in the Section V (Schedule of Requirements), the following Goods and Related Services: *[insert a brief description of the goods and related services];*

(c) The total price of our Bid, excluding any discounts offered in item (d) below is: ***[Insert one of the options below as appropriate] or when left blank is the Bid Price indicated in the Price Schedules].***
[Incase of only one lot/package, insert the total Bid Price in words and figures];
[Incase of multiple lots/packages, insert the total price of each lot/package];

(d) The discounts offered and the methodology for their application are:
The discounts offered are: ***[specify in detail each discount offered][2];***

The exact method of calculations to determine the net price after application of discounts is shown below: ***[specify in detail the method that shall be used to apply the discounts]***;

(e) Our Bid shall be valid for a period of ….. ***[insert validity period as specified in ITB 20.1 of the BDS]*** days from the date fixed for the bid submission deadline in accordance with the Bidding Document, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
(f) If our Bid is accepted, we commit to obtain a Performance Security in accordance with the Bidding Document;
(g) Our firm, including any subcontractors or suppliers for any part of the Contract, have nationalities from eligible countries in accordance with ITB 4.8 and meet the requirements of ITB 3.4 & 3.5;

[2] If a discount is quoted in a negative value, the absolute value of such discount shall be considered for the purpose of discount calculation.

(h) We are not participating, as a Bidder or as a subcontractor/supplier, in more than one Bid in this bidding process in accordance with ITB 4.3(e), other than alternative Bids in accordance with ITB 14;

(i) Our firm, its affiliates or subsidiaries, including any Subcontractors or Suppliers for any part of the contract, has not been declared ineligible by DP, under the Purchaser's country laws or official regulations or by an act of compliance with a decision of the United Nations Security Council;

(j) We are not a government owned entity/We are a government owned entity but meet the requirements of ITB 4.5;[3]

(k) We declare that, we including any subcontractors or suppliers for any part of the contract do not have any conflict of interest in accordance with ITB 4.3 and we have not been punished for an offense relating to the concerned profession or business.

(l) The following commissions, gratuities, or fees, if any, have been paid or are to be paid with respect to the bidding process or execution of the Contract:

Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate "none.")

(m) We declare that we are solely responsible for the authenticity of the documents submitted by us. The document and information submitted by us are true and correct. If any document/information given is found to be concealed at a later date, we shall accept any legal actions by the purchaser.

(n) We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed.

(o) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

(p) We agree to permit GoN/DP or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors appointed by the GoN/DP.

Name ***[insert complete name of the person signing the Bid]***

In the capacity of ***[insert legal capacity of person signing the Bid]***

Signed ***[signature of the person whose name and capacity are shown above]***

Duly authorized to sign the Bid for and on behalf of ***[insert complete name of the Bidder]***

Date ***[insert date of signing]***

[3] Slect one of the options

Table of Price **Adjustment** Data[4]

[To be used if Price Adjustment if applicable as per GCC 14.2]

Code	**Index Description**	**Source of Index**	**Base Value and Date**	**Purchaser's Weighting (coefficient)****
(1)	*(2)*	*(3)*	*(4)*	*(6)*
	Non - Adjustable (a)			
	Labor (b)			
	Materials (c)			
		Total		**1.00**

The coefficients a, b, and c shall be specified by the Purchaser. The sum of the three coefficients should be one (1).
The Bidder shall indicate the source of the indices and the base dates for such indices.

[4] Non-compliance of the data (stipulated by the bidder in this table) with requirements described here shall not be grounds for bid rejection and such non-compliance will be subject to clarification and rectification prior to contract award.

ELI-1: Bidder's Information Form

[The Bidder shall fill in this Form. No alterations to its format shall be permitted and no substitutions shall be accepted.]

1.	Bidder's Legal Name:	***[insert full name]***
2.	In case of JV, legal name of the representative member and of each member:	***[insert full name of each member in the JV and specify the representative member]***
3	Bidder's Country of Registration:	***[insert country of registration]***
4.	Bidder's Year of Registration:	***[insert year of incorporation]***
5.	Bidder's Legal Address in Country of Registration	***[insert street/number/town or city/country]***
6.	Bidder's trading address:	***[insert street/number/town or city/country]***
7.	Bidder's Telephone/Fax numbers:	***[insert telephone/fax numbers, including country and city codes]***
8.	Bidder's Email Address:	***[insert email address]***
9.	Bidder's Authorized Representative Information:	
	Name:	***[insert full name]***
	Address:	***[insert street/number/town or city/country]***
	Telephone/Fax numbers:	***[insert telephone/fax numbers, including country and city codes]***
	Email Address:	***[insert email address]***

Attached are copies of the following documents:

1. In case of a single entity, articles of incorporation or constitution and company incorporation/registration of the legal entity named above, in accordance with ITB 4.2 and ITB 4.8
2. Authorization to represent the firm or Joint Venture named above, in accordance with ITB 22.2
3. In case of a Joint Venture, a letter of intent to form a Joint Venture or Joint Venture agreement, in accordance with ITB 4.2
4. In case of a government-owned enterprise, any additional documents not covered under 1 above required to comply with ITB 4.5

ELI-2: Joint Venture Information Form

Each member of the Joint Venture must fill out this form separately to provide information relating to each JV member.

1.	**Bidder's legal name:**	***[insert full name]***
2.	Joint Venture Partner's legal name:	***[insert full name of Joint Venture Partner]***
3.	Joint Venture Partner's Country of Registration:	***[insert country of registration]***
4.	Joint Venture Partner's Legal Address in Country of Registration:	***[insert street/number/town or city/country]***
5.	Joint Venture Partner's Trading address	***[insert street/number/town or city/country]***
6.	Joint Venture Partner's Year of Registration:	***[insert year of registration]***
7.	Joint Venture Partner's Telephone/Fax numbers:	***[insert telephone/fax numbers, including country and city codes]***
8.	Joint Venture Partner's Email Address:	***[insert email address]***
9.	Joint Venture Partner's Authorized Representative Information:	
	Name:	***[insert full name]***
	Address:	***[insert street/number/town or city/country]***
	Telephone/Fax numbers:	***[insert telephone/fax numbers, including country and city codes]***
	Email Address:	***[insert email address]***

Attached are copies of the following documents:

1. Articles of incorporation or constitution and company incorporation/registration of the legal entity named above, in accordance with ITB 4.2 and ITB 4.8

2. Authorization to represent the firm named above, in accordance with ITB 22.2

3. In the case of a government-owned enterprise, documents establishing legal and financial autonomy and compliance with commercial law, in accordance with ITB 4.5

Form Spec-1: Bidder's proposed Specification Form

The bidder shall fill this form to provide the information on technical specifications and standards of offered goods. Bidder's Proposed Technical Specifications and Standards in column 4 shall comply with the Purchaser Requirement (Specifications and standards) specified by the Purchaser in the Section V. Schedule of Requirements.

Name of Bidder _____ Invitation for Bid No.:_____

Item No.	Name of Goods or Related Service	Country of Origin and Brand	Bidder's Proposed TS and Standards	Reference page/ no. / Catalogue page/ no.	Status of compliance[5]
1	2	3	4	5	6
[insert item No.]	*[insert name]*	*[insert country of Origin and Brand name]*	*[insert TS and Standards]*	*[insert reference page or no. / catalogue page or no. if any]]*	*[insert status]*

[5] *The bidder shall state as Fully compliance or Partially compliance or Compliance*

Form Del-1: Bidder's proposed Delivery Date

The bidder shall fill this form to provide the information on delivery date of offered goods. Bidder's offered delivery date in column 4 shall comply with the Purchaser Requirement (Delivery and Completion Schedule) specified by the Purchaser in the Section V. Schedule of Requirements.

Name of Bidder _____ Invitation for Bid No.:_____

Line Item No	**Description of Goods**	**Quantity**	**Physical unit**	**Final Destination as specified in BDS**	**Bidder's offered Delivery date [to be provided by the bidder]**
1	2	3	4	5	6
[insert item No]	*[insert description of Goods]*	*[insert quantity of item to be supplied]*	*[insert physical unit for the quantity]*	*[insert place of delivery]*	*[insert the number of days following the date of effectiveness the Contract]*

Note: The date of effectiveness of contract shall be as of signing the contract

Price Schedule for Goods and Related Services

*The Bidder shall fill in these Price Schedule Forms in accordance with the instructions indicated. The list of line items in column 1 of the Price Schedules shall coincide with the List of Goods and Related Services specified by the Purchaser in the **Section V,** Schedule of Requirements.*

Name of Bidder _____ Invitation for Bid No.:_____

Item	Description of Goods and Related Services	Country of Origin	Physical Unit	Quantity	Unit price (in NPR)		Total price (in NPR) (cols. 5x6)
					In Figure	In Words	
1	2	3	4	5	6		5x6=7
1	Standalone VR/MR Headset (As Per Attached Technical Specification)		Unit	1			
2	Branded VR/AR Development Workstation with Monitor (As Per Attached Technical Specification)		Set	1			
3	AR-Capable Tablet with Protective Case (As Per Attached Technical Specification)		Unit	1			
4	Development Environment Set-up and Starter Demos (As Per Attached Technical Specification)		Set	1			
5	VR Play-Area and Storage Accessories (As Per Attached Technical Specification)		Set	1			
6	IoT Development Kit Set (As Per Attached Technical Specification)		Set	2			
7	LoRaWAN Gateway with End Nodes (As Per Attached Technical Specification)		Set	1			
8	Digital Storage Oscilloscope (As Per Attached Technical Specification)		Unit	1			
9	Programmable DC Bench Power Supply (As Per Attached Technical Specification)		Unit	2			

10	**Digital Multimeter (As Per Attached Technical Specification)**		**Unit**	**2**			
11	**Soldering Stations & SMD Hot-Air Rework Station (As Per Attached Technical Specification)**		**Set**	**2**			
12	**FDM 3D Printer (As Per Attached Technical Specification)**		**Unit**	**1**			
13	**ESD Bench Tool Kit (As Per Attached Technical Specification)**		**Set**	**2**			
14	**Electronic Component Starter Stock (As Per Attached Technical Specification)**		**Set**	**1**			
15	**Branded Desktop Computer with Monitor (As Per Attached Technical Specification)**		**Set**	**4**			
16	**Managed PoE+ Switch (As Per Attached Technical Specification)**		**Unit**	**1**			
17	**Wi-Fi 6 Access Point (As Per Attached Technical Specification)**		**Unit**	**2**			
18	**Gateway / Firewall Router (As Per Attached Technical Specification)**		**Unit**	**1**			
19	**Structured Cabling and Network Rack (As Per Attached Technical Specification)**		**Set**	**1**			
20	**Online UPS (1 x 6 kVA + 1 x 1 kVA) (As Per Attached Technical Specification)**		**Set**	**1**			
Total							
VAT							
Grand Total							

[*If there are more than one lot/package, prepare Price Schedule form for each lot/ package*]

Name: _____

In the capacity of: _____

Signed: _____

Duly authorized to sign the Bid for and on behalf of: _____

Date:

Bid Security

Bank Guarantee

Bank's Name, and Address of Issuing Branch or Office
(On Letter head of the Bank)

[This is the format for the Bid Security to be issued on the letterhead by a Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law of Nepal]

insert Bank's Name, and Address of Issuing Branch or Office]

Date: ***[insert date]***

Beneficiary: ***[insert Name and Address of Purchaser]***

BID GUARANTEE No.: ***[insert number]***

We have been informed that ***[insert name of the Bidder]*** (hereinafter called "the Bidder") intends to submit its bid to you (hereinafter called "the Bid") for the execution of ***[insert name of contract]*** under Invitation for Bids No***. [insert IFB number]*** ("the IFB").

Furthermore, we understand that, according to your conditions, bids must be supported by a bid guarantee.

At the request of the Bidder, we ***[insert name of Bank]*** hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of ***[insert amount in figures, (insert amount in words)]*** upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:

(a) has withdrawn or modifies its Bid:

i) during the period of bid validity specified by the Bidder on the Letter of Bid, in case of electronic submission

(ii) from the period twenty-four hours prior to bid submission deadline up to the period of bid validity specified by the Bidder on the Letter of Bid, in case of hard copy submission; or

(b) does not accept the correction of errors in accordance with the Instructions to Bidders (hereinafter "the ITB"); or

(c) changes the prices or substance of the bid while providing information pursuant to clause 29.1 of ITB; or

(d) having been notified of the acceptance of its Bid by the Purchaser during the period of bid validity, (i) fails or refuses to execute the Contract Agreement, or (ii) fails or refuses to furnish the performance security, in accordance with the ITB.

(e) is involved in fraud and corruption in accordance with the ITB.

This guarantee will expire: (a) if the Bidder is the successful Bidder, upon our receipt of copies of the contract signed by the Bidder and the performance security issued to you upon the instruction of the Bidder; and (b) if the Bidder is not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification to the Bidder of the name of the successful Bidder; or (ii) thirty (30) days after the expiration of the Bidder's bid which comes to be ***[insert the date]***.

Consequently, any demand for payment under this guarantee must be received by us at the office on or before that date.

This Bank Guarantee shall not be withdrawn or released merely upon return of the original guarantee by the Bidder unless notified by you for the release of the guarantee.

This guarantee is subject to the Uniform Rules for Demand Guarantees, (URDG), 2010 Revisions, ICC Publication No. 758[6] except that the supporting statement under Article 15(a) is hereby excluded.

. . .Bank's seal and authorized signature(s) . . .

Note:
The bid security of ……..……. has been counter guaranteed by the Bank ……..……..…… on ……...……..……. (Applicable for Bid Security of Foreign Banks).

[Note: All italicized text is for use in preparing this form and shall be deleted from the final product.]

[6] As the case may be, ICC Publication No. 758 (or subsequent ICC Publications) may be used. In such cases, modify the Publication number.

Manufacturer's Authorization Letter

[*This letter of authorisation should be on the letterhead of the manufacturer and should be signed by the person with the proper authority to sign documents that are binding on the manufacturer]*

Date: *[insert date]*

IFB No.: *[insert IFB number]*

To: *[insert complete name and address of Purchaser]*

WHEREAS *[insert complete name of Manufacturer or Manufacturer's authorized agent]* who are official manufacturers of *[insert type of goods manufactured]* having factories at *[insert full address of Manufacturer's factories],* do hereby authorize *[insert complete name of Bidder]* exclusively to submit a Bid in relation to the Invitation for Bids indicated above, the purpose of which is to provide the following Goods, manufactured by us *[insert name and/or brief description of the goods]* and to subsequently sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Name: ***[insert complete name of person signing the Authorization]***

In the capacity of: ***[insert legal capacity of person signing the Authorization]***

Signed: ***[insert signature of person whose name and capacity are shown above]***

Duly authorized to sign the Authorization for and on behalf of: ***[insert complete name of Manufacture]***

Date: ***[insert date of signing]***

Section V. Schedule of Requirements

The Schedule of Requirements shall be included in the Bidding Documents by the Purchaser, and shall cover, at a minimum, a description of the Goods and Related Services to be supplied and the Delivery Schedules.

The objective of the Schedule of Requirements is to provide sufficient information to enable Bidders to prepare their Bids efficiently and accurately, in particular, the Price Schedule, for which a form is provided in Section IV.

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1. List of Goods and Related Services

The purpose of the List of Goods and Related Services (LGRS) is to briefly describe and specify the quantities of each of the Goods and Related Services that the Purchaser requires the Bidder to include in its Bid. As a part of the SR, the LGRS constitutes a Contract document and, therefore, it is a part of the Contract. The Purchaser must prepare the LGRS and include it as a part of the SR.

If the Goods and Related Services are grouped in lots/packages, the Purchaser must state here whether Bidders are permitted to submit Bids for individual lots/packages or not. For example:

Bids on individual lot/package are not permitted. Only Bids for all of the lots/Packages will be accepted.

Lot/ Package No. : LTU/G/NCB-01/083/084				
Lot/ Package Name :				
Item No.	**Name of Goods or Related Services**	Description	**Unit of Measurement**	**Quantity**
1	**Standalone VR/MR Headset (As Per Attached Technical Specification)**		**Unit**	**1**
2	**Branded VR/AR Development Workstation with Monitor (As Per Attached Technical Specification)**		**Set**	**1**
3	**AR-Capable Tablet with Protective Case (As Per Attached Technical Specification)**		**Unit**	**1**
4	**Development Environment Set-up and Starter Demos (As Per Attached Technical Specification)**		**Set**	**1**
5	**VR Play-Area and Storage Accessories (As Per Attached Technical Specification)**		**Set**	**1**
6	**IoT Development Kit Set (As Per Attached Technical Specification)**		**Set**	**2**
7	**LoRaWAN Gateway with End Nodes (As Per Attached Technical Specification)**		**Set**	**1**
8	**Digital Storage Oscilloscope (As Per Attached Technical Specification)**		**Unit**	**1**
9	**Programmable DC Bench Power Supply (As Per Attached Technical Specification)**		**Unit**	**2**

10	**Digital Multimeter (As Per Attached Technical Specification)**	**Unit**	**2**
11	**Soldering Stations & SMD Hot-Air Rework Station (As Per Attached Technical Specification)**	**Set**	**2**
12	**FDM 3D Printer (As Per Attached Technical Specification)**	**Unit**	**1**
13	**ESD Bench Tool Kit (As Per Attached Technical Specification)**	**Set**	**2**
14	**Electronic Component Starter Stock (As Per Attached Technical Specification)**	**Set**	**1**
15	**Branded Desktop Computer with Monitor (As Per Attached Technical Specification)**	**Set**	**4**
16	**Managed PoE+ Switch (As Per Attached Technical Specification)**	**Unit**	**1**
17	**Wi-Fi 6 Access Point (As Per Attached Technical Specification)**	**Unit**	**2**
18	**Gateway / Firewall Router (As Per Attached Technical Specification)**	**Unit**	**1**
19	**Structured Cabling and Network Rack (As Per Attached Technical Specification)**	**Set**	**1**
20	**Online UPS (1 x 6 kVA + 1 x 1 kVA) (As Per Attached Technical Specification)**	**Set**	**1**

2. Delivery and Completion Schedule

Delivery shall take place in compliance with the dates, duration, and locations indicated below:

(I) in case of Delivery schedule is not determined as evaluation criterio:

Line Item No	Description of Goods	Quantity	Physical unit	Final Destination	Delivery Date
1	2	3	4	5	6
1	Standalone VR/MR Headset (As Per Attached Technical Specification)	1	Unit	Lumbini Technological University, Nepalgunj, Banke	**Within 60 Days from Date of Agreement**
2	Branded VR/AR Development Workstation with Monitor (As Per Attached Technical Specification)	1	Set	Lumbini Technological University, Nepalgunj, Banke	**Within 60 Days from Date of Agreement**
3	AR-Capable Tablet with Protective Case (As Per Attached Technical Specification)	1	Unit	Lumbini Technological University, Nepalgunj, Banke	**Within 60 Days from Date of Agreement**
4	Development Environment Set-up and Starter Demos (As Per Attached Technical Specification)	1	Set	Lumbini Technological University, Nepalgunj, Banke	**Within 60 Days from Date of Agreement**
5	VR Play-Area and Storage Accessories (As Per Attached Technical Specification)	1	Set	Lumbini Technological University, Nepalgunj, Banke	**Within 60 Days from Date of Agreement**
6	IoT Development Kit Set (As Per Attached Technical Specification)	2	Set	Lumbini Technological University, Nepalgunj, Banke	**Within 60 Days from Date of Agreement**
7	LoRaWAN Gateway with End Nodes (As Per Attached Technical Specification)	1	Set	Lumbini Technological University, Nepalgunj, Banke	**Within 60 Days from Date of Agreement**
8	Digital Storage Oscilloscope (As Per Attached Technical Specification)	1	Unit	Lumbini Technological University, Nepalgunj, Banke	**Within 60 Days from Date of Agreement**
9	Programmable DC Bench Power Supply (As Per Attached Technical Specification)	2	Unit	Lumbini Technological University, Nepalgunj, Banke	**Within 60 Days from Date of Agreement**

10	Digital Multimeter (As Per Attached Technical Specification)	2	Unit	Lumbini Technological University, Nepalgunj, Banke	**Within 60 Days from Date of Agreement**
11	Soldering Stations & SMD Hot-Air Rework Station (As Per Attached Technical Specification)	2	Set	Lumbini Technological University, Nepalgunj, Banke	**Within 60 Days from Date of Agreement**
12	FDM 3D Printer (As Per Attached Technical Specification)	1	Unit	Lumbini Technological University, Nepalgunj, Banke	**Within 60 Days from Date of Agreement**
13	ESD Bench Tool Kit (As Per Attached Technical Specification)	2	Set	Lumbini Technological University, Nepalgunj, Banke	**Within 60 Days from Date of Agreement**
14	Electronic Component Starter Stock (As Per Attached Technical Specification)	1	Set	Lumbini Technological University, Nepalgunj, Banke	**Within 60 Days from Date of Agreement**
15	Branded Desktop Computer with Monitor (As Per Attached Technical Specification)	4	Set	Lumbini Technological University, Nepalgunj, Banke	**Within 60 Days from Date of Agreement**
16	Managed PoE+ Switch (As Per Attached Technical Specification)	1	Unit	Lumbini Technological University, Nepalgunj, Banke	**Within 60 Days from Date of Agreement**
17	Wi-Fi 6 Access Point (As Per Attached Technical Specification)	2	Unit	Lumbini Technological University, Nepalgunj, Banke	**Within 60 Days from Date of Agreement**
18	Gateway / Firewall Router (As Per Attached Technical Specification)	1	Unit	Lumbini Technological University, Nepalgunj, Banke	**Within 60 Days from Date of Agreement**
19	Structured Cabling and Network Rack (As Per Attached Technical Specification)	1	Set	Lumbini Technological University, Nepalgunj, Banke	**Within 60 Days from Date of Agreement**
20	Online UPS (1 x 6 kVA + 1 x 1 kVA) (As Per Attached Technical Specification)	1	Set	Lumbini Technological University, Nepalgunj, Banke	**Within 60 Days from Date of Agreement**

Note: The date of effectiveness of contract shall be as of signing the contract

3. Technical Specification

Notes on Technical Specifications

The purpose of the Technical Specifications (TS) is to define the technical characteristics of the Goods and Related Services required by the Purchaser. The TS, as a part of the schedule of Requirements (SR), constitute a Contract document and are, therefore, a part of the Contract. The Purchaser must prepare the TS and include them as a part of the Procurement Document, as applicable to each Contract.The Purchaser shall prepare the detailed TS by taking into account that:

- The TS constitute the benchmarks against which the Purchaser will verify the technical responsiveness of Bids and subsequently evaluate the Bids. Therefore, well-defined TS will facilitate preparation of responsive Bids by Bidders, as well as examination, evaluation, and comparison of the Bids by the Purchaser.

- The TS shall require that all Goods and materials to be incorporated in the Goods be new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided for otherwise in the contract.

- The TS shall make use of best practices. Samples of specifications from successful similar procurements in the same country or sector may provide a sound basis for drafting the TS.

- The use of metric units is encouraged.

- Standardizing technical specifications may be advantageous, depending on the complexity of the Goods and the repetitiveness of the type of procurement. The TS should be broad enough to avoid restrictions on workmanship, materials, and equipment commonly used in manufacturing similar kinds of goods.

- Standards for equipment, materials, and workmanship specified in the Bidding Documents shall not be restrictive. Recognized international standards should be specified as much as possible. Reference to brand names, catalogue numbers, or other details that limit any materials or items to a specific manufacturer should be avoided. Where unavoidable, such item description should always be followed by the words “or equivalent.” When other particular standards or codes of practice are referred to in the TS, a statement should follow other authoritative standards that ensure at least a substantially equal quality, then the standards mentioned in the TS will also be acceptable.

- The TS shall be fully descriptive of the requirements in respect of, but not limited to, the following:

(a) Standards of materials and workmanship required for the production and manufacturing of the Goods.

(b) Detailed tests required (type and number).

(c) Other additional work and/or Related Services required to achieve full delivery.

(d) Detailed activities to be performed by the Supplier, and participation of the Purchaser thereon.

(e) List of detailed functional guarantees covered by the Warranty and the specification of the penalties to be applied in the event that such guarantees are not met.

- The TS shall specify all essential technical and performance characteristics and requirements, including guaranteed or acceptable maximum or minimum values, as appropriate. The Purchaser shall include an additional Bidding Form, Form Spec-1 (to be an Attachment to the Letter of Bid), where the Bidder shall provide detailed information on such technical performance characteristics in respect to the corresponding acceptable or guaranteed values.

When the Purchaser requests that the Bidder provides in its Bid a part or all of the TS, technical schedules, or other technical information, the Purchaser shall specify in detail the nature and extent of the required information and the manner in which it has to be presented by the Bidder in its Bid (Form Spec-1).

4. Purchaser Requirement

The Goods and Related Services shall comply with following Technical Specifications and Standards:

1. Summary of Technical Specifications.

Item No	***Name of Goods or Related Service***	***Technical Specifications and Standards***
[insert item No]	*[insert name]*	*[insert TS and Standards]*

2. Detailed Technical Specifications and Standards [whenever necessary].

[detailed TS attached from next page]

Lumbini Technological University
Nepalgunj, Banke

Technical Specification

Name of Work: Supply, Delivery, Installation and Commissioning of Laboratory Equipment (AR/VR, IoT, Computer Lab, Power Infrastructure)

S.N	Particulars	Specification	Bidders Offered
1	**Standalone VR/MR Headset**		
	Brand, Model		
	Type	Standalone 6-DoF HMD, inside-out tracking.	
	Display	Min 2064x2208 px/eye, refresh min 75 Hz	
	Processor/Memory	Snapdragon XR2 Gen 2 or better min 8 GB LPDDR5 RAM, min 512 GB storage.	
	Features	Color passthrough, 2x 6-DoF controllers.	
	Connectivity	Wi-Fi 6, BT 5.x, USB-C link.	
	Dev Support	OpenXR, Unity, Unreal Engine.	
	Accessories	Carrying case, 5m USB-C link cable, spare face covers.	
2	**Branded VR/AR Development Workstation with Monitor**		
	Brand, Model		
	Processor	Intel core Ultra 7 265 (30 MB cahce, 20 cores, 20 threads, 1.8GHz to 5.3GHz, 65 W) or better	
	Memory	32 GB DDR5, 5600 MT/s, non-ECC	
	Storage	1 TB performance SSD, Gen 5, SED ready	
	Graphics	Factory Installed- NVIDIA RTX 5070 12GB GDDR7	
	Power/Case	Min 750 W, 80+ Bronze, high airflow.	
	Ports/Net	Min 6 USB, DP 1.4, HDMI 2.1, 2.5 GbE LAN, Wi-Fi 6 + BT.	
	Monitor	27" HD IPS or better	
	OS	Factory Installed, Windows 11 Pro, wired same brand Keyboard + mouse.	
	Warranty	3 years Rapid Parts Exchange Service.	
	Compliance	Official Manufacturers Authorization/ Warranty Letter Required.	
3	**AR-Capable Tablet with Protective Case**		
	Brand, Model		
	Certification	ARKit/ARCore, Unity AR Foundation & WebXR.	
	Display	Min 10.86-inch, min 2360x1640 res.	
	Processor	8-core CPU, 9 Core GPU, 16- core neural engine	
	Memory/Storage	Min 12 GB Unified Memory, 128 GB storage	
	Camera/Sensors	Min 12 MP rear camera, 12MP front camera.	
	Connectivity/Battery	Wi-Fi 6, BT 5.x, USB-C, min 7,000 mAh.	
	Accessories	Protective case & tempered glass protector.	
4	**Development Environment Set-up and Starter Demos**		
	Brand, Model		
	Pre-install/configure	Unity Hub (AR Foundation, XR Interaction Toolkit), Blender, Git, VS Code, Python 3.x, Android Studio.	
	Deploy 3 starter demos	(a) VR training scene, (b) AR object-placement app, (c) WebXR page.	
5	**VR Play-Area and Storage Accessories**		

	Floor boundary marking kit for play area (min 2.5m x 2.5m per user). Wall/bench-top charging & storage rack for headsets/controllers with surge-protected PDU strip. Reference model: Custom VR Play-Area Kit & Storage Station		
6	**IoT Development Kit Set**		
	Brand,Model		
	SBC	ARM Cortex-A76 (2.4 GHz), 8 GB RAM, Wi-Fi, BT, GbE, 27W PSU, cooling case, 64GB MicroSD with Linux.	
	ESP32 (2x)	Dual-core, Wi-Fi+BLE, 4MB Flash.	
	Arduino UNO (1x)	With USB.	
	Sensors	Temp/humidity, soil, ultrasonic, PIR, IMU, GPS, OLED, relay, motors, RFID, 5MP Camera.	
	Accessories	830-pt breadboard, wires, components box.	
7	**LoRaWAN Gateway with End Nodes**		
	Brand, Model		
	Gateway (1x)	Indoor 8-ch LoRaWAN 1.0.3+ (Class A/B/C) in NTA band (433 MHz), Ethernet + Wi-Fi, ChirpStack packet forwarder, PoE/DC.	
	End Nodes (6x)	LoRa MCUs with antenna, battery, temp/humidity & soil moisture sensors.	
8	**Digital Storage Oscilloscope**		
	Brand,Model		
	General Specification	Bandwidth min 100 MHz, min 2 ch, sampling min 1 GSa/s, memory depth min 64 Mpts, 7" color display, I2C/SPI/UART decode, Plug & Play USB interface. Automatic Measurement of Waveform Parameters. Waveform recording functions.	
	Waveform capture rate	5000 wfms/s	
	Rise Time	<3.5ns	
	Vertical resolution	8bit	
	Input impedance	1MΩ±2% ,18±3pF	
9	**Programmable DC Bench Power Supply**		
	Single output, 0-30 V / 0-5 A (150 W), res 10 mV / 1 mA, OVP/OCP protection, USB interface.		
10	**Digital Multimeter**		
	True-RMS, min 6,000 counts, auto-ranging, AC/DC V/I, resistance, cap, freq, temp, CAT III 600 V.		
11	**Soldering Stations & SMD Hot-Air Rework Station**		
	Brand, Model	Reference model: Hakko FX-888D (2x) + Quick 861DW (1x) Package	
	Soldering Station (1x)	Digital temp control, min 60 W, 200-450 °C, ESD-safe, 3 spare tips.	
	Hot-Air Rework (1x)	Min 600 W, temp 100-450 °C, adjustable airflow, nozzles.	
12	**FDM 3D Printer**		
	Build: Min 256mm*256mm*256mm, Hotend: Max 260 °C, Hot bed : 110C, auto levelling, direct-drive, PLA/PETG/TPU, Wi-Fi, Max Speed 600 mm/s.		
13	**ESD Bench Tool Kit**		

	ESD mat with wrist strap & ground cord, precision driver set, strippers, cutters, pliers, crimpers, ESD tweezers, LED magnifier lamp, desoldering pump, solder wire, heat-shrink.		
14	**Electronic Component Starter Stock**		
	Resistors, capacitors, LEDs, diodes, transistors, ICs (555, op-amps, logic, regulators), buttons, headers, perfboards in labeled storage boxes.		
15	**Branded Desktop Computer with Monitor**		
	Brand, Model		
	Processor	Min 14-Core vPro Processor Intel(R) Core (TM) i5-14500 vPro(R) (14 cores, upto 5 GHz) or better	
	Memory	Min 16 GB DDR5 RAM, 4800 MT/s.	
	Hard Drive	Min 512 GB M.2 PCIe NVMe SSD.	
	Operating System	Factory Installed Windows 11 Pro.	
	Graphics	Integrated High-Definition Graphics.	
	Connectivity	Wi-Fi 6 (802.11ax, 2x2, MU-MIMO), Bluetooth.	
	Keyboard & Mouse	Same brand Standard USB Wired Keyboard with AI Hotkey (US English) & USB Optical Mouse.	
	Power Supply	Min 180W Power Supply.	
	Monitor	Same Brand 24 inch	
	Warranty	Min 3-Year Rapid Parts Exchange Service.	
	Compliance	Official Manufacturer's Authorization Form (MAF) required.	
16	**Managed PoE+ Switch**		
	24x GbE RJ45 (min 24 PoE+ 802.3at, budget min 250W) + 2x 1G SFP, Layer 2+ managed, Switching Capacity: 56Gbps min, rackmount.		
17	**Wi-Fi 6 Access Point**		
	Dual-band Wi-Fi 6, Maximum wireless data rate: 1800Mbps min, PoE powered		
18	**Gateway / Firewall Router**		
	Min 6 GbE ports, Dual-WAN failover, RouterOS supported, VLAN, DHCP, VPN (WireGuard/IPsec), content filter.		
19	**Structured Cabling and Network Rack**		
	Cat6 cabling for 20 nodes, 12U wall-mount rack with fans/PDU, 24-port patch panel, patch cords, trunking, Fluke certification report.		
20	**Online UPS (1 x 6 kVA + 1 x 1 kVA)**		
	True online double-conversion, 230V ± 1%, backup min 15 mins @ 80% load with SMF battery bank, LCD display, USB/SNMP. 1x 6 kVA for desktops + 1x 1 kVA for server/rack.		

Drawings

The purpose of drawings is to specify locations, dimensions, materials to be used, stages of manufacturing, and other characteristics of the Goods and Related Services. The Purchaser should prepare such drawings, as needed, and include them in the Procurement Document. Such drawings, as part of the SR, are Contract documents and, therefore, shall be part of the Contract. Similarly, the Purchaser may request the Supplier to provide drawings either with its Bid or for approval during Contract execution.

It is essential that the Purchaser prepares a **List of Drawings** showing all drawings it supplied and issued as part of the Procurement Document.

List of Drawings		
Drawing No.	***Drawing Name***	***Purpose***

Section VI. General Conditions of Contract (GCC)

The GCC contain standard provisions that have been designed to remain unchanged and **to be used without modifying their text**. The GCC clearly identify the provisions that may normally need to be specified for a particular bidding process and require that such specification be introduced **through the SCC**.

The GCC are a Contract document and, therefore, are a part of the Contract.

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Section VI. General Conditions of Contract

Definitions	1.1. The following words and expressions shall have the meanings hereby assigned to them: (g) "Contract" means the Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein. (h) "Contract Documents" means the documents listed in the Agreement, including any amendments thereto. (i) "Contract Price" means the price payable to the Supplier as specified in the Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract. (j) "Day" means calendar day. (k) "Delivery" means the transfer of the Goods from the Supplier to the Purchaser in accordance with the terms and conditions set forth in the Contract. (l) "Completion" means the fulfillment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract. (m) "GCC" means the General Conditions of Contract. (n) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract. (o) "Purchaser's Country" is the country specified in the Special Conditions of Contract (SCC). (p) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in the SCC. (q) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other similar obligations of the Supplier under the Contract. (r) "SCC" means the Special Conditions of Contract. (s) "Subcontractor" means any natural person, private, or government entity, or a combination of the above, including its legal successors or permitted

	assigns, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier. (t) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Agreement, and includes the legal successors or permitted assigns of the Supplier. (u) "GoN" means the Government of Nepal. (v) "The Site," where applicable, means the place named in the SCC.
Contract Documents	2.1 Subject to the order of precedence set forth in the Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory.
Fraud and Corruption	3.1 If the Purchaser determines that the Supplier has engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices, in competing for or in executing the Contract, then the Purchaser may, after giving 14 days notice to the Supplier, terminate the Supplier's employment under the Contract and the provisions of GCC Clause 34.1 shall apply. For the purposes of this Sub-Clause: (i) "corrupt practice" is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party; (ii) "fraudulent practice"7 is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation; (iii) "collusive practice"8 is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party; (iv) "coercive practice"9 is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party; (v) "obstructive practice" is

[7] a "party" refers to a public official; the terms "benefit" and "obligation" relate to the procurement process or contract execution; and the "act or omission" is intended to influence the procurement process or contract execution.

[8] "parties" refers to participants in the procurement process (including public officials) attempting to establish bid prices at artificial, non competitive levels.

[9] a "party" refers to a participant in the procurement process or contract execution.

	(aa) deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a GoN/DP investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or (bb) acts intended to materially impede the exercise of the GoN/DP's inspection and audit rights provided for under ITB Clause 3.5 and GCC Clause 25. 3.2 Without prejudice to any other rights of the Purchaser under this Contract, on the recommendation of the Purchaser, Public Procurement Monitoring Office may blacklist a Bidder/Supplier for its conduct for a period of one (1) to three (3) years on the following grounds and seriousness of the act committed by the bidder: if it is established that the Supplier committed in any of the following acts: (i) give or propose improper inducement directly or indirectly, (ii) distortion or misrepresentation of facts, (iii) engaging in corrupt or fraudulent practice or involving in such act, (iv) interference in participation of other competing bidders, (v) coercion or threatening directly or indirectly to cause harm to the person or the property of any person to be involved in the procurement proceedings, (vi) collusive practice among bidders/suppliers before or after submission of bids for distribution of works among bidders or fixing artificial/uncompetitive bid price with an intention to deprive the Purchaser the benefit of open competitive bid price, (vii) Contacting the Purchaser with an intention to influence the Purchaser with regards to the bids or interference of any kind in examination and evaluation of the bids during the period from the time of opening of the bids until the notification of award of contract, if it is established later that the Supplier has committed substantial defect in implementation of the contract or has not substantially fulfilled its obligations under the contract or the completed work is not of the specified quality as per the contract. 3.3 Incase of DP funded bid, DP: (a) will cancel the portion of the loan allocated to a contract if it determines at any time that representatives of the Borrower or of a beneficiary of the loan engaged in corrupt, fraudulent, collusive or coercive practices

	during the procurement or the execution of that contract, without the Borrower having taken timely and appropriate action satisfactory to the Bank to remedy the situation; (b) will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded a Bank-financed contract if it at any time determines that they have, directly or through an agent, engaged, in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a Bank-financed contract; and (c) will have the right to require that Suppliers to permit the Bank to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Bank. 3.4 The Supplier shall be prosecuted for offenses under prevailing criminal laws, if the supplier: (i) Misuses the Advance Payment or payments received from the Purchaser; (ii) Receives payment by submitting false information or documents; (iii) Abandons the contract before completion; (iv) Commits a serious violation of the contract; or (v) Causes loss or damage to the Purchaser.
Interpretation	4.1 If the context so requires it, singular means plural and vice versa. 4.2 Entire Agreement The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of parties with respect thereto made prior to the date of Contract. 4.3 Amendment No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto. 4.4 Nonwaiver (w) Subject to GCC Sub-Clause 4.5(b) below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.

	(x) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived. 4.5 Severability If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.
Language	5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language specified in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified in the SCC, in which case, for purposes of interpretation of the Contract, this translation shall govern. 5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation.
Joint Venture	26.2 If the Supplier is a joint venture, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture. A bidder can submit only one bid either as a partner of the joint venture or individually. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser. 26.3 The Supplier shall not handover the responsibility of the contract to any one member or some members of Joint Venture or any other parties, not involved in the contract.
Notices	26.4 Any Notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the SCC. The term "in writing" means communicated in written form through e-GP system, fax, email or courier with proof of receipt. 26.5 A Notice shall be effective when delivered or on the Notice's effective date, whichever is later.
Governing Law	26.6 The Contract shall be governed by and interpreted in accordance with the laws of Nepal.
Settlement of Disputes	26.7 The Purchaser and the Supplier shall make every effort to settle amicably by direct negotiation any disagreement or dispute arising between them under or in connection with the Contract.

	26.8 Any dispute between the Parties as to matters arising pursuant to this Contract which cannot be settled amicably within thirty (30) days after receipt by one Party of the other Party's request for such amicable settlement may be referred to Arbitration within 30 days after the expiration of amicable settlement period as specified in SCC.
Scope of Supply	26.9 Subject to the SCC, the Goods and Related Services to be supplied shall be as specified in Section V, Schedule of Requirements.
	26.10 Unless otherwise stipulated in the Contract, the Scope of Supply shall include all such items not specifically mentioned in the Contract but that can be reasonably inferred from the Contract as being required for attaining Delivery and Completion of the Goods and Related Services as if such items were expressly mentioned in the Contract.
Delivery	26.11 Subject to GCC Sub-Clause 31.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Section V, Schedule of Requirements. The details of documents to be furnished by the Supplier are specified in the SCC.
Supplier's Responsibilities	26.12 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 10, and the Delivery and Completion Schedule, as per GCC Clause 11.
Purchaser's Responsibilities	26.13 Whenever the supply of Goods and Related Services requires that the Supplier obtain permits, approvals, and import and other licenses from public authorities in Nepal, the Purchaser shall, if so required by the Supplier, make its best effort to assist the Supplier in complying with such requirements in a timely and expeditious manner. 26.14 The Purchaser shall pay all costs involved in the performance of its responsibilities, in accordance with GCC Sub-Clause 13.1.
Contract Price	26.15 The Contract Price shall be as specified in the Agreement subject to any additions and adjustments thereto, or deductions there from, as may be made pursuant to the Contract. 26.16 Prices charged by the Supplier for the Goods delivered and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the SCC.
Terms of Payment	26.17 The Contract Price shall be paid as specified in SCC. 26.18 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted

	pursuant to GCC Clause 11 and upon fulfillment of all the obligations stipulated in the Contract. 26.19 Unless otherwise specified in the SCC, the Purchaser shall retain from each payment due to the Supplier the proportion stated in the SCC. Half of the total amount retained shall be repaid to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations and half when the supplier has submitted the evidence of submission of tax return to the concerned Internal Revenue Office. 26.20 Payments shall be made promptly by the Purchaser, no later than thirty (30) days after submission of an invoice or request for payment by the Supplier, and the Purchaser has accepted it. 26.21 Payments shall be made to the Supplier under this Contract in Nepalese Currency. 26.22 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the GCC 15.4, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until due payment has been made. 26.23 If the advance payment is provided under GCC 15.1 is not repaid due to non-performance of the contract, by the Supplier within the time period specified in the Contract, the Purchaser shall recover the advance payment by enforcing the bank guarantee as provided under GCC 15.1, and shall also recover interest on the advance amount from the Supplier at a rate **stated in SCC.**
Taxes and Duties	26.24 For goods supplied, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser
Performance Security	26.25 The Supplier shall, within fifteen (15) days of the receipt of notification of Contract award, provide a Performance Security for the due performance of the Contract in the amounts and currencies specified in the SCC. 26.26 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract. 26.27 The Performance Security shall be denominated in the currency of the Contract, or in a freely convertible currency acceptable to the Purchaser, and shall be in one of the forms stipulated by the Purchaser in the SCC, or in another form acceptable to the Purchaser.

	26.28 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations.
Copyright	26.29 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.
Confidential Information	26.30 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause 19. 26.31 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the Contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the design, procurement, or other work and services required for the performance of the Contract. 26.32 The obligation of a party under GCC Sub-Clauses 19.1 and 19.2 above, however, shall not apply to information that: (a) the Purchaser or Supplier need to share with the Donor for Donor funded project or other institutions participating in the financing of the Contract; (b) now or hereafter enters the public domain through no fault of that party; (c) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or (d) otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

	26.33 The above provisions of GCC Clause 19 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof. 26.34 The provisions of GCC Clause 19 shall survive completion or termination, for whatever reason, of the Contract.
Subcontracting	26.35 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the Bid. Subcontracting shall in no event relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract. 26.36 Subcontracts shall comply with the provisions of GCC Clauses 3. 26.37 The Supplier shall give prior notice to the Purchaser clearly specifying the nature, scope, and responsibilities of the work to be performed, to engage other subcontractors, material suppliers, equipment suppliers, service providers, or other persons or entities during the implementation of the contract. 26.38 Before notifying the Purchaser as per GCC 20.1, the Supplier shall enter into a written agreement with the subcontractors, material suppliers, equipment suppliers, service providers, or other persons or entities clearly specifying the scope of work, responsibilities, quality requirements, duration, payment terms, security, labor-related obligations, and conditions relating to performance of the work. 26.39 The Supplier shall provide the Purchaser with details of the payments made to the subcontractors, material suppliers, equipment suppliers, service providers, or other persons or entities engaged under GCC 20.1. 26.40 If the Supplier is found not to have made payment to the subcontractor, material suppliers, equipment suppliers, service providers, or other persons or entities engaged under GCC 20.1 in accordance with the terms of the agreement, the Purchaser may determine the amount payable to such subcontractor, material suppliers, equipment suppliers, service providers, or other persons or entities and make payment to them from any remaining dues to be paid to the Supplier, retention money, or forfeited performance security.
Specifications and Standards	26.41 Technical Specifications and Drawings (a) The Supplier shall ensure that the Goods and Related Services comply with the technical specifications and other provisions of the Contract. (b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification, or other document, or any

	modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser. (c) The Goods and Related Services supplied under this Contract shall conform to the standards mentioned in Section V, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the country of origin of the Goods. 26.42 Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Section V, Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause 32.
Packing and Documents	26.43 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling, and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the final destination of the Goods and the absence of heavy handling facilities at all points in transit. 26.44 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.
Insurance	26.45 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in the manner specified in the SCC.
Transportation	26.46 The supplier is required under the contract to transport the Goods to a specified place of final destination, defined as the project site, transport to such place of destination including insurance and storage, as shall be specified in the contract, shall be arranged by the supplier, and related costs shall be included in the contract price.
Inspections and Tests	26.47 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in Sections V, Schedule of Requirements.

	26.48 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the final destination of the Goods, or in another place in Nepal as specified in the SCC. Subject to GCC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser. 26.49 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses. 26.50 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection. 26.51 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications, codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impede the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected. 26.52 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection. 26.53 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 25.4. 26.54 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract.





Liquidated Damages	26.55 Except as provided under GCC Clause 31, if the Supplier fails to deliver any or all of the Goods or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the Contract Price for each day of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in the SCC. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause 34.
Warranty	26.56 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract. 26.57 Subject to GCC Sub-Clause 21.1, the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in Nepal. 26.58 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC. 26.59 The Purchaser shall give Notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects. 26.60 Upon receipt of such Notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser. 26.61 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.
Patent Indemnity	26.62The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual

	property right registered or otherwise existing at the date of the Contract by reason of: (a) the installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and (b) the sale in any country of the products produced by the Goods. Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract. 26.63 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim. 26.64 If the Supplier fails to notify the Purchaser within thirty (30) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf. 26.65 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing. 26.66 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.
Limitation of Liability	26.67 Except in cases of gross negligence or willful misconduct : (a) neither party shall be liable to the other party for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply

	to any obligation of the Supplier to pay liquidated damages to the Purchaser; and (b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort, or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the Supplier to indemnify the Purchaser with respect to patent infringement.
Change in Laws and Regulations	26.68 Unless otherwise specified in the Contract, if after the date of the Invitation for Bids, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in Nepal where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause 14.
Force Majeure	26.69 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. 26.70 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes. 26.71 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
Change Orders and Contract Amendments	26.72 The Purchaser may at any time order the Supplier through Notice in accordance GCC Clause 7, to make changes within the general scope of the Contract in any one or more of the following:

	(a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser; (b) the method of shipment or packing; (c) the place of delivery; and (d) the Related Services to be provided by the Supplier. 26.73 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery and Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Purchaser's change order. 26.74 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.
Extensions of Time	26.75 If at any time during performance of the Contract, the Supplier or its Subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 11, the Supplier shall promptly, and at least twenty one (21) days before the expiry of procurement contract, notify the Purchaser in writing of the delay, its likely duration, and its cause. Within the contract period, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract. 26.76 The Supplier shall submit Performance Security, Advanced Payment Guarantee (if any) and Insurance Policy documents, as required with extended validity, within fifteen (15) days of receiving the Letter of Extension of Intended Completion Date from the Purchaser. 26.77 If the Supplier fails to submit Performance Security, Advanced Payment Guarantee (if any) and Insurance Policy documents, as required with extended validity within the prescribed time as per ITB 33.2, the Supplier shall pay fine at the rate of 0.01% of the final contract price (without VAT but including PS) per day for a maximum of fifteen (15) days. The Purchaser may deduct the fine from payments due to the Supplier. 26.78 Except in case of Force Majeure, as provided under GCC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion

	obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 33.1.
Termination	26.79 Termination for Default (a) The Purchaser, without prejudice to any other remedy for breach of Contract, by Notice of default sent to the Supplier, may terminate the Contract in whole or in part: (i) if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 33; (ii) if the Supplier fails to perform any other obligation under the Contract. (iii) The supplier uses the advance payment for matters other than the contarctual obligations. (iv) The purchaser may terminate the contract at any time in the following condition, if the supplier: (aa) does not commence the work as per the contract, (bb) abandons the contract with out completing, (cc) fails to achieve progress as per the contract. (v) The supplier fails to submit Performance Security, Advanced Payment Guarantee (if any) and Insurance Policy documents with extended validity within the time prescribed pursuant to GCC 33.3. (w) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 34.1(a), i) the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to pay to the Purchaser for any losses, damages incurred by the Purchaser and any additional costs for such undelivered or not performed Goods or Related Services as Government dues. After recovering any such losses, damages and extra costs, the Purchaser shall pay any balance to the Supplier, ii) forfeit the Performance Security, iii) withhold further payments to the Supplier until the costs of completion and remedying of any defects, liquidated damages

	(if any), and all other costs incurred by the Purchaser, have been established If the total amount due to the Purchaser exceeds any payment due to the Supplier, the difference shall be a debt payable to the Purchaser. However, the Supplier shall continue performance of the Contract to the extent not terminated. (x) if the Supplier, in the judgment of the Purchaser has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices, as defined in GCC Clause 3, in competing for or in executing the Contract. 26.80 Termination for Insolvency The Purchaser may at any time terminate the Contract by giving Notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser. 26.81 Termination for Convenience (a) The Purchaser, by written Notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The Notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective. (b) The Goods that are complete and ready for shipment within seven (7) days after the Supplier's receipt of the Notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect: (i) To have any portion completed and delivered at the Contract terms and prices; and/or (ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.
Assignment	26.82 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

Social Security Fund	26.83 The Supplier shall enroll the labourers, employees, or other workforce engaged in such work in the Social Security Fund in accordance with prevailing laws. 26.84 The Supplier shall be responsible to disburse the remuneration, benefits, and other payments of the labourers, employees, or workforce into the bank account of the concerned individual. 26.85 The Supplier shall be responsible for ensuring that the required work permit has been obtained in accordance with prevailing laws in respect of foreign personnel

Section VII. Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

GCC 1.1(i)	The Purchaser's country is: **Nepal**
GCC 1.1(j)	The Purchaser is: **Lumbini Technological University, Nepalgunj, Banke**
GCC 1.1 (p)	The Site is: **Lumbini Technological University, Nepalgunj, Banke**
GCC 5.1	The language shall be: ***English*** The language for translation of supporting documents and printed literature is: **English .**
GCC 7.1	For **notices**, the Purchaser's address shall be Name and Address of the Purchaser: **Lumbini Technological University, Nepalgunj, Banke** Telephone number: **81-539601** Facsimile number: e-mail Address: **info@ltu.edu.np**
	For notices, the Suppliers's address shall be: **[*insert full name and address of Suppliers including telephone number, facsimile number and electronic mail address (if applicable)]*** Name and Address of the Supplier: Telephone number: Facsimile number: e-mail Address:
GCC 9.2	In case of arbitration, the arbitration shall be conducted in accordance with the arbitration procedures in accordance with law of Nepal at ……. ***[Insert place]***
GCC 10.1	The Scope of Supply shall be defined in: [***insert "Section V, Schedule of Requirements" or indicate where the Scope of Supply shall be defined. At the time of awarding the Contract, the Purchaser shall specify any change in the Scope of Supply with respect to Section V, Schedule of Requirements included in the Bidding Document. Such changes may be due, for instance, if the quantities of Goods and Related Services are increased or decreased at the time of award.***]

GCC 11.1	Upon delivery of the Goods to the transporter, the Supplier shall notify the Purchaser and send the following documents to the Purchaser: a) Copies of the Supplier's invoice showing the description of the Goods, quantity, unit price, and total amount; b) Copy of packing list indentifying the contents of each package; c) Delivery note, railway receipt, or truck receipt; d) Manufacturer's or Supplier's warranty certificate; e) Certificate of origin; and f) Inspection certificate issued by the nominated inspection agency, and the Supplier's factory inspection report; The Purchaser shall receive the above documents before the arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses. [Note: The above requirements should be reviewed on a case-by-case basis, with amendments being made as necessary]
GCC 14.2	The prices charged for the Goods delivered and the Related Services to be performed shall be fixed for the duration of the contract. [10] or The prices charged for the Goods delivered and Related Services to be performed shall be subject to adjustment during performance of the Contract to reflect changes in the cost of labor and material components in accordance with the formula: $\Delta P = P_0\left(a + b\frac{L_1}{L_0} + c\frac{M_1}{M_0}\right) - P_0$ in which: ΔP = adjustment amount payable to the Supplier. P0 = Contract Price (base price). a = fixed element representing profits and overheads included in the Contract Price and generally in the range of five (5) to fifteen (15) percent. b = estimated percentage of labor component in the Contract Price. c = estimated percentage of material component in the Contract Price.

[10] If duration of contract is less than 12 months price adjustment shall not be applicable

	L0, L1 = labor indices applicable to the appropriate industry in the country of origin on the base date and date for adjustment, respectively. M0, M1 = material indices for the major raw material on the base date and date for adjustment, respectively, in the country of origin. The coefficients a, b, and c shall be specified by the Purchaser in the bidding document. The sum of the three coefficients should be one (1) in every application of the formula. The Bidder shall indicate in its Bid, the source of the indices and the base dates for such indices. Base date = thirty (30) days prior to the deadline for submission of the Bids. Date of adjustment = ***……[insert number of days or weeks]*** prior to date of shipment (representing the mid-point of the period of manufacture). The maximum amount of price adjustment to be made pursuant to this clause shall not generally be more than ***[Insert percent, normally*** **twenty five (25)*]*** percent of the initial contract prices without VAT but including PS.
GCC 15.1	The terms of payment to be made to the Supplier under the contract shall be as follows: **1.** The payment shall be made: **(a)** Through the District Treasury Controller Office. ***[Delete those not appropriate]***
	2. Payments shall be made in Nepalese Rupees in the following manner: (a) The provision of Advance Payments ***"Not Applicable"*** in the contract.
GCC 15.3	The proportion of payments retained is: ***5 (five)) percent*** (Note: Mention not applicable only if supplier's performance and/or warranty obligations under the Contract do not remain after payment.)
GCC 15.6	The interest rate that shall be applied for payment delay is : NA
GCC 15.7	Recover interest on the advance amount from the Supplier should be at a rate of **10 %**.

GCC 17.1	The Supplier shall provide a Performance Security as per ITB 43.1.÷ The Performance Security amount is **NPR ……*[Insert 5% of Bid Price (without VAT but including PS) prior to contract agreement]***… and shall be valid for the period of ……..***[insert the period of validity of performance security which shall normally be valid until a date 30 days beyond the end of the Warranty Period.]*** The performance security shall be forfeited by the Purchaser, in case the Supplier fails to complete the contractual obligation and rectify the defects within warranty period.
GCC 17.3	The types of acceptable Performance Securities are: A bank guarantee issued by Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law located in Nepal or commercial bank located abroad, acceptable to the Purchaser, in the format included in Section VIII, Contract Forms, Performance Security issued by foreign Bank must be counter – guaranteed by Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law in Nepal.
GCC 22.2	A complete packing list indicating the content of each package shall be enclosed in a water proof envelope and shall be secured to the outside of the packing case. In addition, each package shall be marked with indelible ink/paint in bold letters, as follows: a. Contract number : b. Name and address of the Purchaser: c. Country of origin, d. Gross weight e. Net weight f. Package number of total number of packages g. Brief description of content h. [Insert any other additional marking] Upright markings, where appropriate, shall be placed on all four vertical sides of the package. All materials used for packing shall be environmentally neutral. [Note: The above requirements should be reviewed on a case-by-case basis, with amendments being made as necessary]
GCC 23.1	The insurance coverage shall be in an amount equal to 110 percent of the contract price of the Goods on "All Risks" basis, including War Risks, riots and/or Strikes.

GCC 25.2	Tests and Inspections specified in Section V, Schedule of Requirements, shall be carried out at the following times or milestones, and places: ***[Depending on the type of Goods to be procured, there may be a need to provide for special inspections and/or tests to be carried out. In particular, this will be the case when the Goods are designed specifically for the purpose of the Project in question or where due to the nature of the Goods, there is a need to ensure compliance with certain technical specifications and requirements at an early stage. If there is a need for such special inspections and/or tests, the SSC should mention specific testing methods and the timing or milestones and places where the tests and/or inspections are to be carried out. For example insert for each test:*** ***Goods:*** _____ ***Type of Test:*** _____ ***Time or Milestone:*** _____ ***Place:*** _____ ***Address:*** _____ ***Country:*** _____ ***]***
GCC 26.1	The applicable rate of liquidated damages shall be: ***0.05 percent of the Contract Price without VAT but including PS per day***.
GCC 26.1	The maximum amount of liquidated damages shall be: ***ten (10) percent of the Contract Price without VAT but including PS.*** The contract shall be terminated, if liquidated damages exceeds 10 percent of the Contract Price ***without VAT but including PS*** and blacklisting process shall be initiated for the Supplier's failure to complete the contractual obligations.
GCC 27.3	The period of validity of the Warranty shall be: ***As per Technical Specificationss*** For the purposes of the Warranty, the place of final destination shall be: ***[insert place]***
GCC 27.5 & GCC 27.6	The Supplier shall correct any defects covered by the Warranty within: ***[insert period, i.e. number of days]*** of being notified by the Purchaser of the occurrence of such defects.

Section VIII. Contract Forms

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Letter of Intent

[on letterhead paper of the Purchaser]

. . . . . ***[Insert date]***. . . . . .

Notes on Letter of Intent

The issuance of Letter of Intent is the information of the selection of the bid of the successful bidder by the Purchaser and for providing information to other unsuccessful bidders who participated in the bid as regards to the outcome of the procurement process. This standard form of Letter of Intent to Award should be filled in and sent to the successful Bidder only after evaluation and selection of substantially responsible evaluated bid closest to the Average Bid Price.

To: . . . . . ***[Insert name and address of the Supplier]*** . . . . . .

Subject: ***Issuance of letter of intent to award the contract***

This is to notify you that, it is our intention to award the contract. for execution of the . . . . . .***name of the contract and identification number, as given in the BDS/SCC*** to you as your bid price . . . . . .***amount in figures and words in Nepalese Rupees ……..*** as corrected and modified in accordance with the Instructions to Bidders is hereby selected as substantially responsive evaluated bid closest to the Average Bid Price.

Authorized Signature: .....

Name: .....

Title: .....

CC:
[Insert name and address of all other Bidders, who submitted the bid]

Letter of Acceptance

[on letterhead paper of the Purchaser]

. . . . . ***date***. . . . . .

To:. . . . . ***name and address of the Supplier*** . . . . . .

Subject: .***Notification of Award***

This is to notify that your Bid for the Invitation of bids dated . . . . ***[Insert date of Bid Invitation]*** . . . . for execution of the . . . . . .***name of the contract and identification number, as given in the BDS/SCC*** . . . . . for the Contract price of Nepalese Rupees ***[insert amount in figures and words in Nepalese Rupees]***, as corrected in accordance with the Instructions to Bidders is hereby accepted in accordance with the Instruction to Bidders.

You are hereby instructed to contract this office to sign the formal contract agreement within 15 days. As per the Conditions of Contract, you are also required to submit Performance Security, as specified in SCC, consisting of a Bank Guarantee in the format included in Section VIII (Contract Forms) of the Bidding Document.

The amout of performance security shall be NPR***…….[Insert amount]*** and validity period of performance security shall be ***……[insert validity period as per SCC 17.1].***

The Purchaser shall forfeit the bid security, in case you fail to furnish the Performance Security or/and to sign the contract within the specified period.

Authorized Signature: .....

Name and Title of Signatory: .....

Contract Agreement

THIS AGREEMENT made on the [***insert number***] day of [***insert month***], [***insert year***], between [***insert complete name of Purchaser***] of [***insert complete address of Purchaser***] (hereinafter "the Purchaser"), of the one part, and [***insert complete name of Supplier***] of [***insert complete address of Supplier***] (hereinafter "the Supplier"), of the other part:

WHEREAS the Purchaser invited Bids for certain Goods and Related Services, viz., [***insert brief description of the Goods and Related Services***] and has accepted a Bid by the Supplier for the supply of those Goods and Related Services in the sum of NPR ……..[***insert amount of contract price in words and figures including taxes***] (hereinafter "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:

   (a) the Letter of Acceptance;
   (b) the Letter of Bid and the Price Schedules submitted by the Supplier;
   (c) The Addenda Numbers ……***[Insert addenda numbers if any]***……
   (d) the Special Conditions of Contract;
   (e) the General Conditions of Contract;
   (f) the Schedule of Requirements;
   (g) the Price Schedules and
   (h) ***[indicate any other documents required as appropriate***]

   This Contract Agreement shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

3. In consideration of the payments to be made by the Purchaser to the Supplier as indicated in this Agreement, the Supplier hereby covenants with the Purchaser to provide the Goods and Related Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Related Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of **"Nepal"** on the day, month, and year indicated above.

Signed by [***insert authorized signature for the Purchaser***] (for the Purchaser)

Signed by [***insert authorized signature for the Supplier***] (for the Supplier)



Performance Security

On Letterhead paper of the bank [Insert Bank's Name, and Address of Issuing Branch or Office]

Performance Guarantee No.:…… ***[Insert guarantee reference number]…….***

To: [***insert complete name and address of Purchaser***]

We have been informed that ... ... [***insert complete name of Supplier, which in the case of a joint venture shall be the name of the joint venture***] (hereinafter "the Supplier") has received the notification of award Contract No. …….. ***[Insert reference number of the Contract]***, for the execution of **[*insert identification number and name of contract and brief description of Goods]*** (hereinafter "the Contract").

AND WHEREAS it has been stipulated by you in the aforementioned Contract that the Supplier shall furnish you with a security [***insert type of security***] issued by a reputable guarantor for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract.

AND WHEREAS the undersigned [***insert complete name of Guarantor***], legally domiciled in [***insert complete address of Guarantor***], (hereinafter the "Guarantor"), have agreed to give the Supplier a security:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of [***insert currency and amount of guarantee in words and figures***] and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract, without cavil or argument, any sum or sums within the limits of [***insert currency and amount of guarantee in words and figures]*** as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This security is valid until the ***[insert day, month, year***].

Name: [***insert complete name of person signing the Security***]

In the capacity of: [***insert legal capacity of person signing the Security***]

Signed: [***insert signature of person whose name and capacity are shown above***]

Duly authorized to sign the security for and on behalf of: **[*insert seal and complete name of Guarantor]***

Date: [***insert date of signing]***

Advance Payment Security

On Letterhead paper of the bank [Insert Bank's Name, and Address of Issuing Branch or Office]
Advance Payment Guarantee No.:…… [Insert guarantee reference number]…….

To: ***[insert complete name and address of Purchaser]***

In accordance with the payment provision included in the Contract, in relation to advance payments, ***[insert complete name of Supplier , which in the case of a joint venture shall be the name of the joint venture***] (hereinafter called "the Supplier") shall deposit with the Purchaser a security consisting of ***[indicate type of security***] for the Contract No. …….. ***[insert reference number of the Contract]***, for the execution of ***[insert name of contract and brief description of Goods]*** (hereinafter "the Contract"), to guarantee its proper and faithful performance of the obligations imposed by said Clause of the Contract, in the amount of [***insert currency and amount of guarantee in words and figures***].

We, the undersigned [***insert complete name of Guarantor***], legally domiciled in ***[insert full address of Guarantor]*** (hereinafter "the Guarantor"), as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to the Purchaser on its first demand without whatsoever right of objection on our part and without its first claim to the Supplier, in the amount not exceeding [***insert currency and amount of guarantee in words and figures****]*.

This security shall remain valid and in full effect from the date of the advance payment being received by the Supplier under the Contract until ***[(insert day, month, year) Contract completion date may be a basis for this date]***.

Name: ***[insert complete name of person signing the Security]***

In the capacity of: ***[insert legal capacity of person signing the Security]***

Signed: [***insert signature of person whose name and capacity are shown above]***

Duly authorized to sign the security for and on behalf of: **[*insert seal and complete name of Guarantor]***

Date: ***[insert date of signing]***

Table of Price Adjustment Data[i]

[To be used if Price Adjustment if applicable as per GCC 14.2]

Code	Index Description	Source of Index	Base Value and Date	Purchaser's Weighting (coefficient)
(1)	*(2)*	*(3)*	*(4)*	*(6)*
	Non - Adjustable (a)			
	Labor (b)			
	Materials (c)			
		Total		**1.00**

[i] Note: Source of Indices and Base value for such indexes in the "Bid Form of Table of Price Adjustment Data" in Bidding Forms (Section-IV) after verification by the Purchaser.

Lumbini Technological University
Nepalgunj, Banke

Technical Specification

Name of Work: Supply, Delivery, Installation and Commissioning of Laboratory Equipment (AR/VR, IoT, Computer Lab, Power Infrastructure)

S.N	Particulars	Specification	Bidders Offered
1	**Standalone VR/MR Headset**		
	Brand, Model		
	Type	Standalone 6-DoF HMD, inside-out tracking.	
	Display	Min 2064x2208 px/eye, refresh min 75 Hz	
	Processor/Memory	Snapdragon XR2 Gen 2 or better min 8 GB LPDDR5 RAM, min 512 GB storage.	
	Features	Color passthrough, 2x 6-DoF controllers.	
	Connectivity	Wi-Fi 6, BT 5.x, USB-C link.	
	Dev Support	OpenXR, Unity, Unreal Engine.	
	Accessories	Carrying case, 5m USB-C link cable, spare face covers.	
2	**Branded VR/AR Development Workstation with Monitor**		
	Brand, Model		
	Processor	Intel core Ultra 7 265 (30 MB cahce, 20 cores, 20 threads, 1.8GHz to 5.3GHz, 65 W) or better	
	Memory	32 GB DDR5, 5600 MT/s, non-ECC	
	Storage	1 TB performance SSD, Gen 5, SED ready	
	Graphics	Factory Installed- NVIDIA RTX 5070 12GB GDDR7	
	Power/Case	Min 750 W, 80+ Bronze, high airflow.	
	Ports/Net	Min 6 USB, DP 1.4, HDMI 2.1, 2.5 GbE LAN, Wi-Fi 6 + BT.	
	Monitor	27" HD IPS or better	
	OS	Factory Installed, Windows 11 Pro, wired same brand Keyboard + mouse.	
	Warranty	3 years Rapid Parts Exchange Service.	
	Compliance	Official Manufacturers Authorization/ Warranty Letter Required.	
3	**AR-Capable Tablet with Protective Case**		
	Brand,Model		
	Certification	ARKit/ARCore, Unity AR Foundation & WebXR.	
	Display	Min 10.86-inch, min 2360x1640 res.	
	Processor	8-core CPU, 9 Core GPU, 16- core neural engine	
	Memory/Storage	Min 12 GB Unified Memory, 128 GB storage	
	Camera/Sensors	Min 12 MP rear camera, 12MP front camera.	
	Connectivity/Battery	Wi-Fi 6, BT 5.x, USB-C, min 7,000 mAh.	
	Accessories	Protective case & tempered glass protector.	
4	**Development Environment Set-up and Starter Demos**		
	Brand,Model		
	Pre-install/configure	Unity Hub (AR Foundation, XR Interaction Toolkit), Blender, Git, VS Code, Python 3.x, Android Studio.	
	Deploy 3 starter demos	(a) VR training scene, (b) AR object-placement app, (c) WebXR page.	
5	**VR Play-Area and Storage Accessories**		

	Floor boundary marking kit for play area (min 2.5m x 2.5m per user). Wall/bench-top charging & storage rack for headsets/controllers with surge-protected PDU strip. Reference model: Custom VR Play-Area Kit & Storage Station		
6	**IoT Development Kit Set**		
	Brand,Model		
	SBC	ARM Cortex-A76 (2.4 GHz), 8 GB RAM, Wi-Fi, BT, GbE, 27W PSU, cooling case, 64GB MicroSD with Linux.	
	ESP32 (2x)	Dual-core, Wi-Fi+BLE, 4MB Flash.	
	Arduino UNO (1x)	With USB.	
	Sensors	Temp/humidity, soil, ultrasonic, PIR, IMU, GPS, OLED, relay, motors, RFID, 5MP Camera.	
	Accessories	830-pt breadboard, wires, components box.	
7	**LoRaWAN Gateway with End Nodes**		
	Brand, Model		
	Gateway (1x)	Indoor 8-ch LoRaWAN 1.0.3+ (Class A/B/C) in NTA band (433 MHz), Ethernet + Wi-Fi, ChirpStack packet forwarder, PoE/DC.	
	End Nodes (6x)	LoRa MCUs with antenna, battery, temp/humidity & soil moisture sensors.	
8	**Digital Storage Oscilloscope**		
	Brand,Model		
	General Specification	Bandwidth min 100 MHz, min 2 ch, sampling min 1 GSa/s, memory depth min 64 Mpts, 7" color display, I2C/SPI/UART decode, Plug & Play USB interface. Automatic Measurement of Waveform Parameters. Waveform recording functions.	
	Waveform capture rate	5000 wfms/s	
	Rise Time	<3.5ns	
	Vertical resolution	8bit	
	Input impedance	1MΩ±2% ,18±3pF	
9	**Programmable DC Bench Power Supply**		
	Single output, 0-30 V / 0-5 A (150 W), res 10 mV / 1 mA, OVP/OCP protection, USB interface.		
10	**Digital Multimeter**		
	True-RMS, min 6,000 counts, auto-ranging, AC/DC V/I, resistance, cap, freq, temp, CAT III 600 V.		
11	**Soldering Stations & SMD Hot-Air Rework Station**		
	Brand, Model	Reference model: Hakko FX-888D (2x) + Quick 861DW (1x) Package	
	Soldering Station (1x)	Digital temp control, min 60 W, 200-450 °C, ESD-safe, 3 spare tips.	
	Hot-Air Rework (1x)	Min 600 W, temp 100-450 °C, adjustable airflow, nozzles.	
12	**FDM 3D Printer**		
	Build: Min 256mm*256mm*256mm, Hotend: Max 260 °C, Hot bed : 110C, auto levelling, direct-drive, PLA/PETG/TPU, Wi-Fi, Max Speed 600 mm/s.		
13	**ESD Bench Tool Kit**		

	ESD mat with wrist strap & ground cord, precision driver set, strippers, cutters, pliers, crimpers, ESD tweezers, LED magnifier lamp, desoldering pump, solder wire, heat-shrink.		
14	**Electronic Component Starter Stock**		
	Resistors, capacitors, LEDs, diodes, transistors, ICs (555, op-amps, logic, regulators), buttons, headers, perfboards in labeled storage boxes.		
15	**Branded Desktop Computer with Monitor**		
	Brand, Model		
	Processor	Min 14-Core vPro Processor Intel(R) Core (TM) i5-14500 vPro(R) (14 cores, upto 5 GHz) or better	
	Memory	Min 16 GB DDR5 RAM, 4800 MT/s.	
	Hard Drive	Min 512 GB M.2 PCIe NVMe SSD.	
	Operating System	Factory Installed Windows 11 Pro.	
	Graphics	Integrated High-Definition Graphics.	
	Connectivity	Wi-Fi 6 (802.11ax, 2x2, MU-MIMO), Bluetooth.	
	Keyboard & Mouse	Same brand Standard USB Wired Keyboard with AI Hotkey (US English) & USB Optical Mouse.	
	Power Supply	Min 180W Power Supply.	
	Monitor	Same Brand 24 inch	
	Warranty	Min 3-Year Rapid Parts Exchange Service.	
	Compliance	Official Manufacturer's Authorization Form (MAF) required.	
16	**Managed PoE+ Switch**		
	24x GbE RJ45 (min 24 PoE+ 802.3at, budget min 250W) + 2x 1G SFP, Layer 2+ managed, Switching Capacity: 56Gbps min, rackmount.		
17	**Wi-Fi 6 Access Point**		
	Dual-band Wi-Fi 6, Maximum wireless data rate: 1800Mbps min, PoE powered		
18	**Gateway / Firewall Router**		
	Min 6 GbE ports, Dual-WAN failover, RouterOS supported, VLAN, DHCP, VPN (WireGuard/IPsec), content filter.		
19	**Structured Cabling and Network Rack**		
	Cat6 cabling for 20 nodes, 12U wall-mount rack with fans/PDU, 24-port patch panel, patch cords, trunking, Fluke certification report.		
20	**Online UPS (1 x 6 kVA + 1 x 1 kVA)**		
	True online double-conversion, 230V ± 1%, backup min 15 mins @ 80% load with SMF battery bank, LCD display, USB/SNMP. 1x 6 kVA for desktops + 1x 1 kVA for server/rack.		

Schedule of Requirements (SOR)

Supply, Delivery, Installation and Commissioning of Laboratory Equipment (AR/VR, IoT, Computer, Power Infrastructure)

IFB No.: 3500057055/LTU/G/NCB-01/083/084

Package 1: Supply, Delivery, Installation and Commissioning of Laboratory Equipment (AR/VR, IoT, Computer, Power Infrastructure)
CPV: 30200000-1 - Computer equipment and supplies
Supply, Delivery, Installation and Commissioning of Laboratory Equipment (AR/VR, IoT, Computer, Power Infrastructure)

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.1	Standalone VR/MR Headset (As Per Attached Technical Specification)	Unit	1.00			
1.2	Branded VR/AR Development Workstation with Monitor (As Per Attached Technical Specification)	Set	1.00			
1.3	AR-Capable Tablet with Protective Case (As Per Attached Technical Specification)	Unit	1.00			
1.4	Development Environment Set-up and Starter Demos (As Per Attached Technical Specification)	Set	1.00			
1.5	VR Play-Area and Storage Accessories (As Per Attached Technical Specification)	Set	1.00			
1.6	IoT Development Kit Set (As Per Attached Technical Specification)	Set	2.00			
1.7	LoRaWAN Gateway with End Nodes (As Per Attached Technical Specification)	Set	1.00			
1.8	Digital Storage Oscilloscope (As Per Attached Technical Specification)	Unit	1.00			
1.9	Programmable DC Bench Power Supply (As Per Attached Technical Specification)	Unit	2.00			
1.10	Digital Multimeter (As Per Attached Technical Specification)	Unit	2.00			

Package 1: Supply, Delivery, Installation and Commissioning of Laboratory Equipment (AR/VR, IoT, Computer, Power Infrastructure)
CPV: 30200000-1 - Computer equipment and supplies
Supply, Delivery, Installation and Commissioning of Laboratory Equipment (AR/VR, IoT, Computer, Power Infrastructure)

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.11	Soldering Stations & SMD Hot-Air Rework Station (As Per Attached Technical Specification)	Set	2.00			
1.12	FDM 3D Printer (As Per Attached Technical Specification)	Unit	1.00			
1.13	ESD Bench Tool Kit (As Per Attached Technical Specification)	Set	2.00			
1.14	Electronic Component Starter Stock (As Per Attached Technical Specification)	Set	1.00			
1.15	Branded Desktop Computer with Monitor (As Per Attached Technical Specification)	Set	4.00			
1.16	Managed PoE+ Switch (As Per Attached Technical Specification)	Unit	1.00			
1.17	Wi-Fi 6 Access Point (As Per Attached Technical Specification)	Unit	2.00			
1.18	Gateway / Firewall Router (As Per Attached Technical Specification)	Unit	1.00			
1.19	Structured Cabling and Network Rack (As Per Attached Technical Specification)	Set	1.00			
1.20	Online UPS (1 x 6 kVA + 1 x 1 kVA) (As Per Attached Technical Specification)	Set	1.00			

Total Item Price	
VAT (13.00%)	
Grand Total	