

STANDARD BIDDING DOCUMENT

Procurement of Goods

(Above Nu. 0.500 million)



Royal Government of Bhutan
Ministry of Finance
2023

PREFACE

One of the principal mandates and powers of the Ministry of Finance, as provided under section 104 (i) of the Public Finance (amendment) Act of Bhutan 2012 is to issue rules, manuals, directives, instructions or notifications ensuring an equitable, transparent, competitive and cost-effective procurement system in the country for which this Standard Bidding Document (SBD) for the Procurement of Goods (Above Nu. 0.500 Million) 2023 is drafted as implementing document of Procurement Rules and Regulation 2023.

This SBD is the revision of Standard Bidding Document for the Procurement of Goods (Above Nu. 0.500 Million) 2019 with the inclusion of provisions amended vide various notifications and fiscal measures proven to be effective in achieving basic principles of public procurement.

Ministry of Finance in the exercise of the power conferred by the section 104 (i) of the Public Finance (amendment) Act of Bhutan 2012 hereby adopts SBD for the Procurement of Goods (Above Nu. 0.500 Million) 2023 vide 141st Policy and Planning Coordination Meeting on 20th February, 2023 which shall come into effect from 1st July 2023.

Any queries, clarification, interpretation on this standard bidding document contact:

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NOTICE INVITING RE-TENDER

The Department of Air Transport (DoAT), Ministry of Infrastructure & Transport, invites sealed bids from the eligible National and International license holders for the following activity:

Sl. No.	Name of work	Date for availability of tender document	Last date and time of submission of tender documents	Date and time of opening of tender documents
1	Supply and Installation of Distance Measuring Equipment (DME) for Paro International Airport. [ANSD/CNS/DME/19/2024-25/49]	17/10/2024 to 29/10/2024	29/10/2024 till 12:00 PM (BST)	29/10/2024 at 2:30 PM (BST)

The complete set of tender document can be downloaded from www.doat.gov.bt/ www.moit.gov.bt w.e.f 17th October, 2024. For any additional information, contact: +975-8-272511 during office hours (BST).

Bidding Documents for
*Supply and Installation of Distance Measuring Equipment
(DME) for Paro International Airport*

Procuring Agency *Department of Air Transport, Ministry of
Infrastructure and Transport.*

STANDARD BIDDING DOCUMENTS

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PART1

BIDDING PROCEDURES

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INSTRUCTION TO BIDDERS

A. GENERAL

1. Scope of Bid and Source of Funds

- 1.1. The Procuring agency, as indicated in the Bid Data Sheet (BDS), issues these Bidding Documents for the supply of Goods and Related Services incidental there to as specified in Section VI, Schedule of Supply. The name, identification number, and number of lots within this procurement are provided in the BDS.
- 1.2. Throughout these Bidding Documents:
 - (a) the term “in writing” means communicated in written form (e.g.; by mail, electronic mail, fax, telex) with proof of receipt;
 - (b) if the context so requires, “singular” means plural” and vice versa; and
 - (c) “day” means calendar day.
- 1.3. The Procuring agency as defined in section II, Bidding Data Sheet (BDS) has received a budget from RGoB towards the cost of the Goods defined in the BDS and intends to apply a part of the funds to cover eligible payments under this contract.

2. Fraud and Corruption

- 2.1. It is RGoB policy to require that Procuring agencies, Bidders, Suppliers, Contractors and their Sub-contractors observe the highest standards of ethics during the procurement and execution of contracts in pursuance of this policy, the RGoB:
 - (a) Defines, for the purposes of this provision, the terms set forth below as follows:
 - (i) “Corrupt practice”¹ is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value² to influence improperly the actions of another party;
 - (ii) “Fraudulent practice”³ is any intentional 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;

¹ In this context, any action taken by a Bidder, Supplier, Contractor or a Sub-contractor to influence the procurement process or contract execution for undue advantage is improper.

² “another party” refers to a public official acting in relation to the procurement process or contract execution. In this context, “public official” includes staff and employees of any organizations (including any institutions providing finance for the Goods) taking or reviewing procurement decisions.

³ “anything of value” includes, but is not limited to, any gift, loan, fee, commission, valuable security or other asset or interest in an asset; any office, employment or contract; any payment, discharge or liquidation of any loan, obligation or other liability whatsoever, whether in whole or in part; any other services, favour or advantage, including protection from any penalty or disability incurred or apprehended or from any action or proceeding of a disciplinary or penal nature, whether or not already instituted and including the exercise or the forbearance from the exercise of any right or any official power or duty.

(iii) “Coercive practice”⁴ 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 party⁵;

(iv) “Obstructive practice” is

- (a) deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order materially to impede any 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
- (b) acts intended materially to impede the exercise of the inspection and audit rights of the Procuring agency or any organization or person appointed by the Procuring agency and/or any relevant RGoB agency provided for under ITB Sub-Clause 2.1(d) below.
- (c) 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 in competing for the contract in question;
- (d) will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded an RGoB-financed contract if it at any time determines that they have, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive or obstructive practices in competing for, or in executing, an RGoB-financed contract;
- (e) will have the right to require that a provision be included in Bidding Documents and in contracts financed by the RGoB, requiring Bidders, Suppliers, Contractors and their Subcontractors to permit the Procuring agency, any organization or person appointed by the Procuring agency and/or any relevant RGoB agency to inspect their accounts and records and other documents relating to their Bid submission and contract performance and to have them audited by auditors appointed by the Procuring agency;
- (f) requires that Bidders, as a condition of admission to eligibility, execute and attach to their bids an Integrity Pact Statement in the form provided in Section IV, Bidding Forms as specified in the BDS. Failure to provide a duly executed Integrity Pact Statement may result in disqualification of the Bid; and

⁴ “parties” refers to participants in the procurement process (including public officials) and an “improper purpose” includes attempting to establish bid prices at artificial, non-competitive levels.

⁵ “a party” refers to a participant in the procurement process or contract execution.

- (g) will report any case of corrupt, fraudulent, collusive, coercive or obstructive practice to the relevant RGoB agencies, including but not limited to the Anti-corruption Commission (ACC) of Bhutan, for necessary action in accordance with the statutes and provisions of the relevant agency.

2.2. Furthermore, Bidders shall be aware of the provision stated in Sub- Clause 36.1 (a) (iii) of the General Conditions of Contract.

3. Eligible Bidders

3.1. A Bidder, and all parties constituting the Bidder, may have the nationality of any country, subject to the restrictions specified in Section V, Eligible Countries and any specific category of trade license if so specified in the BDS. A Bidder shall be deemed to have the nationality of a country if the Bidder is a citizen or is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract including Related Services.

3.2. A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process if they:

- (a) are associated, or have been associated in the past, with a firm or any of its affiliates which has been engaged by the Procuring agency to provide consulting services for the preparation of the design, specifications and/or other documents to be used for the procurement of the Goods to be purchased pursuant to these Bidding Documents;
- (b) submit more than one Bid in this bidding process, except for alternative offers permitted under ITB Clause 17. However, this does not limit the participation of subcontractors in more than one Bid;
- (c) employ or otherwise engage, either directly or through any of their affiliates, a spouse, dependent or close relative of a public servant of the RGoB who either is employed by the Procuring agency or has an authority over it. For the purposes of this Sub-Clause a close relative is defined as immediate family which includes father, mother, brother, sister, spouse and own children;
- (d) they have at least one controlling partner in common; or
- (e) they receive or have received any direct or indirect subsidy from either party;
- (f) they have the same authorized legal representative for purposes of this Bid;
- (g) they 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 Procuring agency regarding this bidding process;

- 3.3. Government-owned enterprises in Bhutan shall be eligible only if they can establish that they (i) are legally and financially autonomous, (ii) operate under commercial law, and (iii) are not a dependent agency (directly or indirectly) of the Procuring agency.
- 3.4. A Bidder that is under a declaration of ineligibility pursuant to ITB Sub-Clause 2.1(c) shall not be eligible to participate in this bidding process in any capacity.
- 3.5. Bidders shall provide such evidence of their continued eligibility satisfactory to the Procuring agency as the Procuring agency shall reasonably request.

4. Exclusion of Bidders

- 4.1. A Bidder shall be excluded from participating in this bidding process under the following circumstances:
 - (a) as a matter of law or official regulation, RGoB prohibits commercial relations with the country in which the Bidder is constituted, incorporated or registered; or
 - (b) 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, RGoB prohibits
 - (i) any import of Goods or contracting of Services from the country in which the Bidder is constituted, incorporated or registered or
 - (ii) any payments to persons or entities in that country; or
 - (c) he is in solvent or is in receivership or is a bankrupt or is in the process of being wound up; or has entered into an arrangement with creditors; or
 - (d) his business affairs are being ministered by a court, judicial officer or appointed liquidator; or
 - (e) he has suspended business or is in any analogous situation arising from similar procedures under the laws and regulations of his country of establishment; or
 - (f) he has been found guilty of professional misconduct by a recognized tribunal or professional body; or
 - (g) he has not fulfilled his obligations with regard to the payment of taxes, social security or other payments due in accordance with the laws of the country in which he is established or of the Kingdom of Bhutan; or
 - (h) he is guilty of serious misrepresentation in supplying information in his tender; or
 - (i) he has been convicted for fraud and/or corruption by a competent authority; or
 - (j) he has not fulfilled any of his contractual obligations with the Procuring agency in the past.

- (k) He has been debarred from participation in public procurement by any competent authority as per law.
- (l) Any other predetermined circumstances as deemed necessary by the procuring agency.

5. Eligible Goods and Related Services

- 5.1. All the Goods and Related Services to be supplied under the Contract may have their origin in any country in accordance with Section V, Eligible Countries and if so required shall comply with requirements specified in the BDS.
- 5.2. For the purposes of this Clause, the term “Goods” includes commodities, raw material, machinery, equipment and industrial plants; and “Related Services” includes services such as insurance, installation, commissioning, training, and initial maintenance.
- 5.3. The term “origin” means the country where the Goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

B. CONTENTS OF BIDDING DOCUMENTS

6. Parts of Bidding Documents

- 6.1. The Bidding Documents consist of Parts 1, 2 and 3, which include all the Sections indicated below, and should be read in conjunction with any Addenda issued in accordance with ITB Clause 9.

PART 1 Bidding Procedures

- Section I. Instructions to Bidders (ITB)
- Section II. Bid Data Sheet (BDS)
- Section III. Evaluation and Qualification Criteria
- Section IV. Bidding Forms
- Section V. Eligible Countries

PART 2 Supply Requirements

- Section VI. Schedule of Supply

PART 3 Contract

- Section VII. General Conditions of Contract (GCC)
- Section VIII. Special Conditions of Contract (SCC)
- Section IX. Contract Forms

7. General Information

- 7.1. The Invitation for Bids issued by the Procuring agency is not part of the Bidding Documents.

7.2. The Procuring agency is not responsible for the completeness of the Bidding Documents and their addenda, if any, if these were not obtained directly from the Procuring agency.

7.3. The Bidder is expected to examine all instructions, forms, terms and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the Bid.

8. Clarification of Bidding Documents

8.1. Bidders shall not be allowed to seek any clarification of the Bidding Documents in person or by telephone or other verbal means.

8.2. A prospective Bidder requiring any clarification of the Bidding Documents shall notify the same to the Procuring agency in writing at the Procuring agency's address specified in the BDS;

8.3. The Procuring agency shall respond in writing to any such request for clarification, provided that it is received no later than eleven (11) days for Open Tendering method and three (3) days for Limited Tendering method prior to the deadline for submission of Bids. Copies of the Procuring agency's response shall be forwarded to all those who have acquired the Bidding Documents directly from the Procuring agency, including a description of the enquiry without disclosing the name of the Bidder(s) seeking clarification. Should the Procuring agency deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clause 9 and ITB Sub-Clause 29.2; and

8.4. A pre-bid meeting shall be conducted only if necessary to clarify doubts and concerns of the Bidders prior to submission of Bids. However, for procurement of value above twenty (20) million, pre-bid meeting is mandatory. Minutes of the pre-bid meeting shall be circulated to all Bidders that have purchased Bidding Documents.

9. Amendment of Bidding Documents

9.1. At any time prior to the deadline for submission of Bids the Procuring agency may amend the Bidding Documents by issuing an addendum. This may be done either on the Procuring agency's own initiative or in response to a clarification request from a prospective Bidder.

9.2. Any addendum thus issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents directly from the Procuring agency. Such addendum shall be binding on the prospective Bidders, and shall require that prospective Bidders confirm receipt of it before the time established for the opening of Bids;

9.3. The Procuring agency may, at its discretion, extend the deadline for submission of Bids pursuant to ITB Sub-Clause 29.2 to allow prospective Bidders reasonable time in which to take the addendum into account in preparation of their Bids.

C. QUALIFICATION CRITERIA

10. Financial Capacity

10.1. The bidder shall have the minimum level of financial capacity if so specified in the BDS to qualify for supply of goods and related services under the contract.

11. Experience and technical capacity

- 11.1. The bidder shall have the following minimum level of experience to qualify for supply of goods and related services under the contract:
- (a) the minimum number of years of experience in the supply of goods and related services if so specified in the BDS;
 - (b) specific experience in the supply of similar goods and related services if so specified in the BDS; and
 - (c) minimum production capacity or availability of the equipment if so specified in the BDS.

D. PREPARATION OF BIDS

12. Cost of Bidding

- 12.1. The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Procuring agency shall not be responsible or liable for those costs, regardless of the conduct or outcome of the Bidding process.

13. Language of Bid

- 13.1. The Bid, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Procuring agency, 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 the purposes of interpretation of the Bid, such translation shall govern.

14. Documents Comprising the Bid

- 14.1. The Bid shall comprise the following:
- (a) Bid Submission Sheet and the applicable Price Schedules in accordance with ITB Clauses 15, 16, 18 and 20;
 - (b) Bid Security, in accordance with ITB Clause 26;
 - (c) Written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB Clause 27;
 - (d) Documentary evidence in accordance with ITB Clause 21 establishing the Bidder's eligibility to bid;
 - (e) Documentary evidence in accordance with ITB Clause 22 that the Goods and Related Services to be supplied by the Bidder are of eligible origin;

- (f) Documentary evidence in accordance with ITB Clauses 23 and 35 that the Goods and Related Services conform to the Bidding Documents;
 - (g) Documentary evidence in accordance with ITB Clause 24 establishing the Bidder's qualifications to perform the contract if its Bid is accepted;
 - (h) Alternative Bids, if permissible, in accordance with ITB Clause 17;
 - (i) Documentary evidence or certified statements that the Bidder is not in any of the exclusion categories stipulated in ITB Sub- Clause 4.1;
 - (j) Integrity Pact Statement, in accordance with ITB Sub-Clause 2.1 (e) as specified in BDS; and
 - (k) Any other document required in the BDS.
- 14.2. In addition to the requirements under ITB14.1, Bids submitted by a JV shall include a copy of the Joint Venture Agreement entered into by all members. Alternatively, a letter of intent to execute a Joint Venture Agreement in the event of a successful Bid shall be signed by all members and submitted with the Bid, together with a copy of the proposed Agreement.
- 15. Bid Submission Sheet**
- 15.1. The Bidder shall submit the Bid Submission Sheet 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.
- 16. Price Schedules**
- 16.1. 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.
- 17. Alternative Bids**
- 17.1. Unless otherwise indicated in the BDS alternative Bids shall not be considered.
- 18. Bid Prices and Discounts**
- 18.1. The prices and discounts quoted by the Bidder in the Bid Submission Sheet and in the Price Schedules shall conform to the requirements specified below.
- 18.2. All lots and items in the Schedule of Supply must be listed and priced separately in the Price Schedules.
- 18.3. The price to be quoted in the Bid Submission Sheet shall be the total price of the Bid excluding any discounts offered.
- 18.4. The Bidder shall quote any unconditional discounts and the methodology for their application in the Bid Submission Sheet.

- 18.5. The terms EXW, CIF, CIP and other similar terms shall be governed by the rules prescribed in the current edition of Incoterms, published by the International Chamber of Commerce as specified in the BDS.
- 18.6. Unless otherwise stated in the BDS, Prices shall be quoted inclusive of all applicable taxes and levies, insurance, transportation, handling costs and any other associated cost to fulfill the contractual obligations, as specified in the Price Schedule forms for Goods and related services included in Section IV Bidding Forms. However, to avail margin of preference, prices shall be quoted as specified in the Price Schedule for Goods Manufactured in Bhutan in section IV Bidding Forms. The disaggregation of price components shall be solely for the purpose of facilitating the comparison of Bids by the Procuring agency. This shall not in any way limit the Procuring agency's right to contract on any of the terms offered. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V, Eligible Countries. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V, Eligible Countries. Prices shall be entered in the following manner:
- (a) For goods manufactured in Bhutan:
 - (i) the price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all Customs duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;
 - (ii) any Bhutan sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and
 - (iii) the price for inland transportation, insurance and other local services required to deliver the Goods to their final destination (Project Site) specified in the BDS.
 - (b) For Goods manufactured outside the Procuring agency's Country, to be imported:
 - (i) the price of the Goods, quoted CIP named place of destination, in the Procuring agency's Country, as specified in the BDS;
 - (ii) the price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination (Project Site) specified in the BDS;
 - (c) For Goods manufactured outside the Procuring agency's Country, already imported:
 - i) the price of the Goods, including the original import value of the Goods; plus any mark-up (or rebate); plus any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported;

- ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;
 - iii) the price of the Goods, obtained as the difference between (i) and (ii) above;
 - iv) any Procuring agency's Country sales and other taxes which will be payable on the Goods if the Contract is awarded to the Bidder; and
 - v) the price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination (Project Site) specified in the BDS.
- (d) For Related Services, other than in land transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Supply, the price of each item comprising the Related Services (inclusive of any applicable taxes).

18.7. If so indicated in ITB Sub-Clause 1.1, Bids are being invited for individual items, lots or packages. Unless otherwise indicated in the BDS, prices quoted shall correspond to one hundred percent (100%) of the items specified for each lot and to one hundred percent (100%) of the quantities for each item of a lot. Bidders wishing to offer any price reduction (discount) for the award of more than one Contract shall specify in their Bid the price reductions applicable to each package, or alternatively, to individual Contracts within the package. Price reductions or discounts shall be submitted in accordance with ITB Sub-Clause 18.4, provided the Bids for all lots are submitted and opened at the same time.

19. Price Variation

19.1. 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 Clause 35 unless adjustable price quotations are permitted by the BDS. 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.

20. Currencies of Bid

20.1. The unit rates and prices shall be quoted by the Bidder entirely in Ngultrum (Nu). Foreign currency requirements shall be indicated and shall be payable at the option of the Bidder in up to three foreign currencies. In case of International procurement, bidders may express the unit rates and prices in fully convertible currency. If the bidders wish to be paid in a combination of amounts in different currencies, it may quote its price accordingly up to three foreign currencies.

20.2. The rates of exchange to be used in arriving at the local currency equivalent shall be the selling rates for similar transactions established by RMA on the day of bid opening. These

exchange rates shall apply for all payments so that no exchange risk shall be borne by the Bidder.

- 20.3. Bids shall be evaluated as quoted in Ngultrum (Nu.) in accordance with ITB Sub-Clause 20.1, unless a Bidder has used different exchange rates than those prescribed in ITB Sub-Clause 20.2, in which case the Bid shall be first converted into the amounts payable in different currencies using the rates quoted in the Bid and then reconverted to Ngultrum (Nu.) using the exchange rates prescribed in ITB Sub-Clause 20.2.
- 20.4. Bidders shall indicate details of their expected foreign currency requirements in the Bid.
- 20.5. Bidders may be required by the Procuring agency to clarify their foreign currency requirements and to substantiate that the amounts included in the rates and prices if required in the BDS, are reasonable and responsive to ITB Sub- Clause 20.1.
- 20.6. In case of International Procurement from countries other than India, the procuring agency may invite bids in convertible currencies. The bids shall however, be evaluated in accordance with Sub-Clause 20.3, but the payment shall be made in the currency of the bid.

21. Documents Establishing the Eligibility of the Bidder

- 21.1. To establish their eligibility in accordance with ITB Clause 3, Bidders shall complete the Bid Submission Sheet included in Section IV, Bidding Forms.

22. Documents Establishing the Eligibility of the Goods and Related Services

- 22.1. To establish the eligibility of the Goods and Related Services in accordance with ITB Clause 5, Bidders shall complete the country of origin declarations in the Price Schedule Forms included in Section IV, Bidding Forms.

23. Documents Establishing the Conformity of the Goods and Related Services

- 23.1. To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid documentary evidence that the Goods conform to the technical specifications and standards specified in Section VI, Schedule of Supply.
- 23.2. 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 the technical specifications and, if applicable, a statement of deviations and exceptions to the provisions of the Schedule of Supply.

- 23.3. 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 Procuring agency.
- 23.4. Standards for workmanship, process, material and equipment, as well as references to brand names or catalogue numbers specified by the Procuring agency in the Schedule of Supply, 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 Procuring agency's satisfaction that the substitutions ensure equivalence or are superior to those specified in the Schedule of Supply.

24. Documents Establishing the Qualifications of the Bidder

- 24.1. The documentary evidence of the Bidder's qualifications to perform the contract if its Bid is accepted shall establish to the Procuring agency's satisfaction:
- (a) that, if required by 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 Bhutan;
 - (b) that, if required in the BDS, in the case of a Bidder not doing business within Bhutan, the Bidder is or will be (if awarded the Contract) represented by an agent in Bhutan 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;
 - (c) that Bids submitted by a Joint Venture, Consortium or Association (JV/C/A) of two or more firms as partners comply with the following requirements:
 - (i) the Bid is signed so as to be legally binding on all partners;
 - (ii) all partners shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms;
 - (iii) one of the partners is nominated as being in charge, authorized to incur liabilities, and to receive instructions for and on behalf of any and all partners of the JV/C/A;
 - (iv) the execution of the entire Contract, including payment, shall be done exclusively with the partner in charge; and
 - (v) a copy of the JV/C/A Agreement entered into by the partners is submitted with the Bid; or a Letter of Intent to execute a JV/C/A Agreement in the event of a successful Bid is signed by all partners and submitted with the Bid, together with a copy of the proposed Agreement.

- (d) that the Bidder meets each of the qualification criteria specified in Section III, Evaluation and Qualification Criteria.

25. Period of Validity of Bids

- 25.1. Bids shall remain valid for the period specified in the BDS from the Bid submission deadline prescribed by the Procuring agency. A Bid valid for a shorter period shall be rejected by the Procuring agency as non-responsive.
- 25.2. In exceptional circumstances, prior to expiry of the Bid validity period, the Procuring agency may request Bidders to extend the period of validity of their Bids. The request and the responses shall be made in writing. The Bid Security shall also be extended for a corresponding period. A Bidder may refuse the request to extend the validity of its Bid without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its Bid, except as provided in ITB Sub-Clause 25.3
- 25.3. In the case of fixed price contracts, if the award is delayed by a period exceeding sixty (60) days beyond the expiry of the initial Bid validity, the Contract price shall be adjusted as specified in the request for extension. Bid evaluation shall be based on the Bid Price without taking into consideration the above correction.

26. Bid Security

- 26.1 In lieu of a Bid Security, the Procuring Agency may instruct bidders to sign a Bid Securing Declaration in the form provided in the bidding documents accepting that they will be required to pay bid security amount specified in the Bidding Document within five (5) days if;
 - (a) they withdraw or modify their Bids during the period of validity;
 - (b) a bidder fails to accept the arithmetical corrections of its bid price; or
 - (c) they are awarded the contract and they fail to sign the contract, or to submit a performance security before the deadline defined in the bidding document.
- 26.2 Failure to pay as provided in section 26.1 will lead to debarment of the bidder from being eligible to submit bids for contracts with all the government procuring agencies for the period prescribed in the Debarment Rules.

27. Format and Signing of Bid

- 27.1 The Bidder shall prepare ONE Original of the documents comprising the Bid as described in ITB Clause 14 and clearly mark it "ORIGINAL." In addition, the Bidder shall submit copies of the Bid, in the number specified in the BDS, and clearly mark them "COPY." In the event of any discrepancy between the original and the copies, the original shall prevail.

- 27.2 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.
- 27.3 Any interlineations, erasures or overwriting shall be valid only if they are signed or initialed by the person signing the Bid.

E. SUBMISSION AND OPENING OF BIDS

28. Submission, Sealing and Marking of Bids

- 28.1. Bids shall be delivered by hand, courier, registered post or electronic means as may be applicable. The Bidder shall seal the original Bid and the number of copies stipulated in the BDS, including alternative Bids if permitted in accordance with ITB Clause 17, in separate inner envelopes contained within one outer envelope. All envelopes shall be sealed with adhesive or other sealant to prevent reopening.
- 28.2. The inner envelopes shall:
- (a) be signed across their seals by the person authorized to sign the Bid on behalf of the Bidder; and
 - (b) be marked “ORIGINAL”, “ALTERNATIVE” (if any) and “COPIES”;
- 28.3. The outer envelope shall:
- (a) be marked “Confidential”;
 - (b) be addressed to the Procuring agency at the address¹⁵ provided in the BDS;
 - (c) bear the name and identification number of the Contract as defined in the BDS; and
 - (d) provide a warning not to open before the specified time and date for Bid Opening as defined in the BDS.
- 28.4. In addition to the identification required in ITB Sub-Clause 28.2, the inner envelopes shall indicate the name and address of the Bidder, to enable the Bid to be returned unopened in case it is declared late in pursuant to ITB Clause 30.
- 28.5. If the outer envelope is not sealed and marked as above, the Procuring agency shall assume no responsibility for the misplacement or premature opening of the Bid.

¹⁵The receiving address shall be an office that is staffed during normal working hours by personnel authorized to certify time and date of receipt and assure safe-keeping until Bid opening. A post office address is not to be used. The address must be the same as the receiving address described in the Invitation for Bids.

- 28.6. In the Two-Stage Process, Bidders shall be advised to submit only the technical proposal in the first stage. In the second stage, Bidders shall be requested to submit both their technical proposals as modified and agreed with the Procuring agency and the financial proposals based on the modified technical proposal simultaneously in two separate sealed envelopes.
- 28.7. When so specified in the BDS Bidders shall have the option of submitting their Bids electronically. Bidders submitting Bids electronically shall follow the procedures specified in the BDS.

29. Deadline for Submission of Bids

- 29.1. Bids shall be delivered by hand, courier, registered post or electronically to the Procuring agency at the address and no later than the date and time indicated in the BDS.
- 29.2. The Procuring agency may, at its discretion, extend the deadline for the submission of Bids by amending the Bidding Documents in accordance with ITB Clause 9, in which case all rights and obligations of the Procuring agency and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

30. Late Bids

- 30.1. The Procuring agency shall not consider any Bid that is submitted after the deadline for submission of Bids. Any Bid received by the Procuring agency after the deadline for submission of Bids shall be declared late, rejected, and returned unopened to the Bidder.

31. Withdrawal, Substitution and Modification of Bids

- 31.1. A Bidder may withdraw, substitute or modify its Bid after it has been submitted by sending a written notice in accordance with ITB Clause 28, duly signed by an authorized representative, and shall include a copy of the authorization (the power of attorney) in accordance with ITB Sub-Clause 27.2, (except that withdrawal notices do not require copies). The corresponding substitution or modification of the Bid must accompany the respective written notice. All notices must be:
- (a) submitted in accordance with ITB Clauses 27 and 28 (except that withdrawal notices do not require copies) and, in addition, the respective envelopes shall be clearly marked “Withdrawal”, “Substitution” or “Modification;” and
 - (b) received by the Procuring agency prior to the deadline prescribed for the submission of Bids, in accordance with ITB Clause 29.

- 31.2. Bids requested to be withdrawn in accordance with ITB Sub-Clause 31.1 shall be returned unopened to the Bidders.
- 31.3. No Bid may be withdrawn, substituted or modified in the interval between the deadline for submission of Bids and the expiry of the period of Bid validity specified by the Bidder on the Bid Submission Sheet or any extension thereof.
- 31.4. Withdrawal of a bid between the deadline for submission of bids and expiration of the period of bid validity specified in the BDS or as extended pursuant to Clause 25.1, may result in the forfeiture of the Bid Security pursuant to Clause 26.6. If the best evaluated bidder withdraws his bid between the periods specified in this clause, the bid security of the bidder shall be forfeited and in addition, the bidder shall pay to the procuring agency the positive difference of sum, if any, with the next lowest bidder within fourteen (14) days of his withdrawal. If the bidder fails to pay the difference within the said date, the bidder shall be debarred by a competent authority as per law. In the case of framework contracts, the bid security shall be forfeited and the supply of the particular item will be re-tendered.

32. Bid Opening

- 32.1. The Procuring agency shall conduct the Bid Opening in public, in the presence of Bidders' designated representatives who choose to attend, and at the address, date and time specified in the BDS. Any specific electronic Bid Opening procedures required if electronic bidding is permitted in accordance with ITB Sub-Clause 28.7 shall be as specified in the BDS.
- 32.2. Bid opening shall take place on the same day immediately following the deadline for the submission of bids.
- 32.3. Bidders, their representatives and other attendees at the Bid Opening shall not be permitted to approach any members of the Bid Opening Committee or any RGoB officials.
- 32.4. First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding Bid shall not be opened, but shall be returned to the Bidder. No Bid withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at Bid Opening. Next, envelopes marked "SUBSTITUTION" shall be opened and read out and exchanged with the corresponding Bid being substituted. The substituted Bid shall not be opened, but shall be returned to the Bidder. No Bid substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at Bid Opening. Envelopes marked "MODIFICATION" shall be opened and read out with the corresponding Bid. No Bid modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Bid Opening. Only envelopes that are opened and read out at Bid Opening shall be considered further.

- 32.5. All other envelopes shall be opened one at a time. The Bidders' names, the Bid prices, the total amount (or lot-wise) of each Bid and of any alternative Bid (if alternatives have been requested or permitted), any discounts, Bid withdrawals, substitutions or modifications, the presence or absence of Bid Security, responses to any Bidding Documents addenda, and such other details as the Procuring agency may consider appropriate shall be announced by the Procuring agency at the Bid Opening. This information shall be written on a notice board for the public to copy. Any Bid price, discount or alternative Bid price not announced and recorded shall not be taken into account in Bid evaluation. No Bid shall be rejected at Bid Opening except for late Bids pursuant to ITB Clause 30. Substitution Bids and modifications submitted pursuant to ITB Clause 31 that are not opened and read out at Bid Opening shall not be considered for further evaluation regardless of the circumstances. Late, withdrawn and substituted Bids shall be returned unopened to Bidders.
- 32.6. The Procuring agency shall prepare a record of the Bid Opening, which shall include the information disclosed to those present in accordance with ITB Sub-Clause 32.4. The minutes shall include, as a minimum:
- (a) the Contract title and reference number;
 - (b) the Bid number;
 - (c) the Bid deadline date and time;
 - (d) the date, time and place of Bid Opening;
 - (e) Bid prices, per lot if applicable, offered by the Bidders, including any discounts and alternative offers;
 - (f) the name and nationality of each Bidder, and whether there is a withdrawal, substitution or modification;
 - (g) the names of attendees at the Bid Opening, and of the Bidders they represent (if any);
 - (h) details of any complaints or other comments made by attendees/ representatives attending the Bid Opening, including the names and signatures of the attendees/ representatives making the complaint(s) and/or comment(s); and
 - (i) the names, designations and signatures of the members of the Bid Opening Committee.
- 32.7. The Bidders' representatives and attendees who are present shall be requested to sign the record. The omission of a Bidder's or other attendee'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.

F. EVALUATION AND COMPARISON OF BIDS

33. Confidentiality

- 33.1. Information relating to the examination, evaluation, comparison and qualification of Bids, 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.
- 33.2. Any effort by a Bidder to influence the Procuring agency in the examination, evaluation, comparison and qualification of the Bids or Contract Award decisions may result in the rejection of its Bid.
- 33.3. Notwithstanding ITB Sub-Clause 33.2, from the time of Bid Opening to the time of Contract Award, if any Bidder wishes to contact the Procuring agency on any matter related to the bidding process, it should be done during the 'debriefing period'.

34. Clarification of Bids

- 34.1. To assist in the examination, evaluation, comparison and qualification of the Bids, the Procuring agency may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder that is not in response to a request by the Procuring agency shall not be considered. The Procuring agency'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 Procuring agency in the evaluation of the Bids, in accordance with ITB Clause 36.

35. Responsiveness of Bids

- 35.1. The Procuring agency's determination of a Bid's responsiveness shall be based on the contents of the Bid itself, and is to determine which of the Bids received are responsive and thereafter to compare the responsive Bids against each other to select the best evaluated Bid.
- 35.2. A substantially responsive Bid is one that conforms to all the terms, conditions and specifications of the Bidding Documents without material deviation, reservation or omission. A material deviation, reservation or omission is one that:
- (a) Affects in any substantial way the scope, quality or performance of the Goods or Related Services required;
 - (b) limits in any substantial way inconsistent with the Bidding Documents, the Procuring agency's rights or the Bidder's obligations under the Contract; or
 - (c) if rectified would affect unfairly the competitive position of other Bidders presenting responsive Bids.

- 35.3. If a Bid is not substantially responsive to the Bidding Documents it shall be rejected by the Procuring agency and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation or omission.

36. Non-conformities, Errors and Omissions

- 36.1. Provided that a Bid is substantially responsive, the Procuring agency may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.
- 36.2. Provided that a Bid is substantially responsive, the Procuring agency 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. Such omission 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.
- 36.3. Provided that the Bid is substantially responsive, the Procuring agency shall correct arithmetical errors on the following basis:
- (a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit prices shall prevail and the line item total shall be corrected, unless in the opinion of the Procuring agency there is an obvious misplacement of the decimal point in the unit price, in which case the line item total 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; and
 - (c) 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 ITB Sub-Clauses 36.3 (a) and (b) above.
- 36.4. If the Bidder that submitted the best evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security shall be forfeited.

37. Preliminary Examination of Bids

- 37.1. The Procuring agency shall examine the Bids to confirm that all documents and technical documentation requested in ITB Clause 14 have been provided, and to determine the completeness of each document submitted.
- 37.2. The Procuring agency shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected.
 - (a) Bid Submission Sheet, in accordance with ITB Sub-Clause 14.1 (a);
 - (b) Price Schedules, in accordance with ITB Sub Clause 14.1(a);
 - (c) Bid Security, in accordance with ITB Clause 26.

38. Examination of Terms and Conditions; Technical Evaluation

- 38.1. The Procuring agency shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.
- 38.2. The Procuring agency shall evaluate the technical aspects of the Bid submitted in accordance with ITB Clause 23, to confirm that all requirements specified in Section VI, Schedule of Supply of the Bidding Documents have been met without any material deviation or reservation.
- 38.3. If, after the examination of the terms and conditions and the technical evaluation, the Procuring agency determines that the Bid is not substantially responsive in accordance with ITB Clause 35, the bid shall not be considered for evaluation.

39. Conversion to Single Currency

- 39.1. For evaluation and comparison purposes, the Procuring agency shall convert all Bid prices expressed in amounts in various currencies into a single currency and using the exchange rates specified in the BDS.

40. Margin of Preference

- 40.1. A margin of preference may apply to domestic goods manufactured in Bhutan as provided for in the BDS. To avail a margin of preference, the bidder shall provide a value addition certificate from the Ministry of Industry, Commerce and Employment.

41. Evaluation of Bids

- 41.1. The Procuring agency shall evaluate each Bid that has been determined, up to this stage of the evaluation, to be substantially responsive.
- 41.2. To evaluate a Bid, the Procuring agency shall only use all the factors, methodologies and criteria defined in this ITB Clause 41. No other criteria or methodology shall be permitted.
- 41.3. To evaluate a Bid, the Procuring agency shall consider the following:
- (a) evaluation shall be done for Items or Lots, as specified in the BDS;
 - (b) the Bid Price, as quoted in accordance with ITB Clause 18;
 - (c) price adjustment for correction of arithmetic errors in accordance with ITB Clause 36.3;
 - (d) price adjustment due to discounts offered in accordance with ITB Clause 18.4;
 - (e) adjustments due to the application of the evaluation criteria specified in the BDS from amongst those set out in Section III, Evaluation and Qualification Criteria; and
 - (f) adjustments due to the application of a margin of preference, in accordance with ITB Clause 40, if applicable.
- 41.4. The Procuring agency's evaluation of a Bid shall exclude and not take into account:
- (a) in the case of Goods manufactured in Bhutan, sales and other similar taxes which will be payable on the Goods if the Contract is awarded to the Bidder;
 - (b) in the case of Goods manufactured outside Bhutan, already imported or to be imported, Customs duties and other import taxes levied on the imported Goods, sales and other similar taxes which will be payable on the Goods if the Contract is awarded to the Bidder; and
 - (c) any allowance for price adjustment during the period of execution of the Contract, if provided in the Bid.

- 41.5. The Procuring agency's evaluation of a Bid may require the consideration of other factors in addition to the Bid Price quoted in accordance with ITB Clause 18. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of Bids, unless otherwise specified in Section III, Evaluation and Qualification Criteria. The factors, criteria and the methodology of application shall be as specified in ITB Sub-Clause 41.3 (e).
- 41.6. If so specified in the BDS, these Bidding Documents shall allow Bidders to quote separate prices for one or more lots, and shall allow the Procuring agency to award one or multiple lots to more than one Bidder. The methodology of evaluation to determine the lowest evaluated lot combinations is specified in Section III, Evaluation and Qualification Criteria.
- 41.7. The procuring agency shall ensure that the lowest evaluated bid price is consistent and reasonable with the current market prices. If the prices are unreasonable compared to prevailing market prices procuring agency may reject the bid.

42. Comparison of Bids

- 42.1. The Procuring agency shall compare the evaluated costs of all substantially responsive Bids established in accordance with ITB 41 to determine the Bid that has the lowest evaluated cost. The comparison shall be on the basis of CIP (place of final destination) prices for imported goods and EXW prices, plus cost of inland transportation and insurance to place of destination, for goods manufactured within the procuring agency's country, together with prices for any required installation, training, commissioning and other services. The evaluation of prices shall not take into account custom duties and other taxes levied on imported goods quoted CIP and sales and similar taxes levied in connection with the sale or delivery of goods.

43. Abnormally Low Bid

- 43..1. An Abnormally Low Bid is one where the Bid price, in combination with other constituent elements of the Bid, appears unreasonably low to the extent that the Bid price raises material concerns as to the capability of the Bidder to perform the Contract for the offered Bid price. Before proceeding to further analysis, the Procuring agency shall revisit their departmental estimate to ensure its realistic compared to the prevailing market rates.
- 43..2. After revisiting the departmental estimate as provided in section 43.1 if the procuring agency determines that the bid offered by the bidder is 20% below or above the agency estimate, the procuring agency shall eliminate the Bid(s) before proceeding towards bid evaluation.

44. Seriously unbalanced Bids

- 44.1. If the Bid that is evaluated as the best evaluated bid is, in the Procuring agency's opinion, seriously unbalanced the Procuring agency may require the Bidder to provide written clarifications. Clarifications may include detailed price analyses to demonstrate the

consistency of the Bid prices with the scope of works, proposed methodology, schedule and any other requirements of the bidding document.

- 44.2. After the evaluation of the information and detailed price analyses presented by the Bidder, the Procuring agency may as appropriate:
- (a) accept the Bid and require that the amount of the Performance Security be increased at the expense of the Bidder to a level not exceeding twenty percent (20%) of the initial Contract price in addition to ten percentage (10%) of the Performance Security; or
 - (b) reject the Bid.

45. Procuring agency's Right to Accept Any Bid, and to Reject Any or All Bids

- 45.1. The Procuring agency reserves the right to accept or reject any Bid, and to annul the bidding process and reject all Bids at any time prior to Contract award.

G. AWARD OF CONTRACT

46. Award Criteria

- 46.1. The Procuring agency shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated Bid and is substantially responsive to the Bidding Documents.

47. Letter of Intent to Award the Contract/Letter of Acceptance

- 47.1. The Procuring agency shall notify the concerned Bidder whose bid has been selected in accordance with ITB 46 in writing (in the format in section IV-hereafter called the letter of Intent to award the contract) that the Procuring agency has intention to accept its bid and the information regarding the name, address and amount of selected bidder shall be given to all other bidders who submitted the bid. Such notification should be communicated in writing, including by cable, facsimile, telex or electronic mail to all the bidders on the same day of dispatch. The Procuring agency shall ensure that the same information is uploaded on their website on the same day of dispatch.
- 47.2. If no bidder submits an application pursuant to ITB 52 within a period of five (5) days of the notice provided under ITB 48.1, prior to expiry of the period of Bid validity, the Procuring agency shall notify the successful Bidder, in writing, that its Bid has been accepted.
- 47.3. Until a formal Contract is prepared and executed, the letter of acceptance shall constitute a binding Contract.

- 47.4. Upon the successful Bidder furnishing the signed Contract Form and the Performance Security pursuant to ITB Clause 51 the Procuring agency:
- (a) Shall promptly notify each unsuccessful Bidder and discharge obligation under Bid Security, pursuant to ITB Sub-Clause 26.4; and
 - (b) Publish a notification of award on the Procuring agency's website.
- 47.5. The notifications to all unsuccessful Bidders and the notification posted on the Procuring agency's website shall include the following information:
- (a) the Bid and lot numbers;
 - (b) name of the winning Bidder, and the price it offered, as well as the duration and summary scope of the Contract awarded; and
 - (c) the date of the award decision.

48. Debriefing by the Procuring agency

- 48.1. On receipt of the Procuring agency's Letter of Intention to Award referred to in ITB 48, an unsuccessful Bidder has three (3) working Days to make a written request to the Procuring agency for a debriefing. The Procuring agency shall provide a debriefing to all unsuccessful Bidders whose request is received within this deadline.
- 48.2. Where a request for debriefing is received within the deadline, the Procuring agency shall provide a debriefing within five (5) working days.
- 48.3. The Procuring Agency shall discuss only such Bid and not the bids of other competitors. The debriefing shall not include:
- (a) point-by-point comparisons with another Bid; and
 - (b) information that is confidential or commercially sensitive to other Bidders.
- 48.4. The purpose of debriefing is to inform the aggrieved bidder of the reasons for lack of success, pointing out the specific shortcomings in its bid without disclosing contents of other bids.

49. Signing of Contract

- 49.1. At the same time as notifying the successful Bidder in writing that its Bid has been accepted the Procuring agency shall send the successful Bidder the Contract Agreement and the Special Conditions of Contract.
- 49.2. Within fifteen (15) days of receipt of the Letter of Intent to Award the Contract/Letter of Acceptance the successful Bidder shall sign, date and return it to the Procuring agency.

- 49.3. Notwithstanding ITB Sub-Clause 50 above, in case signing of the Contract Agreement is prevented by any export restrictions attributable to the Procuring agency, to Bhutan, or to the use of the products/Goods, systems or services to be supplied, where such export restrictions arise from trade regulations from a country supplying those products/Goods, systems or services, the Bidder shall not be bound by its Bid, always provided, however, that the Bidder can demonstrate to the satisfaction of the Procuring agency that signing of the Contract Agreement has not been prevented by any lack of diligence on the part of the Bidder in completing any formalities, including applying for permits, authorizations and/or licenses necessary for the export of the products/ Goods, systems or services under the terms of the Contract.

50. Performance Security

- 50.1. Within fifteen (15) days of the receipt of letter of acceptance from the Procuring agency, the Bidder shall submit the Performance Security in accordance with the GCC, using for that purpose any of the following security forms:
- (a) unconditional bank guarantee in the form provided for in Section IX, Contract Forms, or another form acceptable to the Procuring agency;
 - (b) banker's certified cheque/ cash warrant; or
 - (c) demand draft.
- 50.2. Performance Security shall be issued, at the Bidder's option, by a financial institution located in Bhutan.
- 50.3. Failure by the successful Bidder to submit the above-mentioned Performance Security or to sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. In that event the Procuring agency may award the Contract to the next lowest evaluated Bidder whose offer is substantially responsive and is determined by the Procuring agency to be qualified to perform the Contract satisfactorily. Such a failure shall be considered as "withdrawal" and all relevant clauses shall apply.

51. Complaint and Review

- 51.1. If the Bidder has or is likely to suffer, loss or injury due to breach of a duty imposed on the Procuring agency by the provisions of this bidding document, the Bidder shall submit the complaint in writing to the Procuring agency within five (5) days from the date of letter of intent to award the contract. In the first instance, the Bidder shall submit the complaint to the Procuring agency.

- 51.2. The head of agency shall, within seven (7) days after the submission of the complaint, issue a written decision.
- 51.3. The Bidder may appeal to the Independent Review Body within five (5) days of the decision of the Head of the Procuring Agency or, where no such decision has been taken, within ten (10) days of the original complaint and the copy of the appeal shall be given to procuring agency on the same day.
- 51.4. Once the appeal copy is received by the procuring agency, it shall not proceed further with the procurement process until receipt of notification from the Independent Review Body Secretariat.
- 51.5. The complaint and review process shall be in compliance to IRB Rules of Procedure 2023.

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SECTION II. BID DATA SHEET

A. INTRODUCTION	
ITB 1.1	The Procuring agency is: <i>Department of Air Transport, Ministry of Infrastructure and Transport</i>
ITB 1.1	The name, identification number and number of lots within this procurement are: <i>Supply and Installation of Distance Measuring Equipment (DME) for Paro International Airport, ANSD/CNS/DME/19/2024-25/49</i>
ITB 3.1	Category of trade License eligible for this bidding process is: <i>Radio Communication Equipment/Nav-aids equipment.</i>
ITB 4.1 (l)	Any additional predetermined circumstances: <i>None</i>
ITB 5.1	All goods and related services to be supplied under the contract shall comply with..... <i>None</i>
B. BIDDING DOCUMENTS	
ITB 8.2	For clarification of Bid purposes only, the Procuring agency's address is: Attention: Sr. Communication Officer <i>Address: Air Navigation Service Division, Department of Air Transport, Paro International Airport, Post code: 12001, Contact number: [+975-08-272511] Electronic mail address: [dmadhikari@doat.gov.bt/sonamdorji@doat.gov.bt]</i>
ITB 8.4	Pre-Bid Meeting shall be held on <i>N/A</i>
C. QUALIFICATION CRITERIA	
10.1	The minimum amount of financial resource is Nu. <i>17 million/-</i> <i>The bidder shall furnish documentary evidence that shows record for execution of work worth Nu. 17 million for one year.</i>
11.1 (a)	The minimum number of years of experience in the supply of goods and related services is: <i>3 years</i>
11.1 (b)	The specific experience in the supply of similar goods and related

	services is: <i>The bidder or its manufacturing company should have experience of providing at least 3 complete DME solutions to other Air Navigation Service Providers.</i>
--	--

11.1 (c)	The minimum production capacity or availability of equipment is: <i>The bidder or its manufacturing company shall guarantee the availability of all spare parts and modules for the equipment under the offer for the period of not less than 15 years from commissioning.</i>
D. PREPARATION OF BIDS	
ITB 13.1	The language of the Bid is: <i>English</i>
ITB 14.1 (j)	The bidders shall submit a signed Integrity Pact: <i>Yes</i>
ITB 14.1 (k)	The Bidder shall submit with its Bid the following additional documents: <i>a) Latest tax clearance certificate</i> <i>b) Valid trade license</i> <i>c) The documentary evidence of the goods and services of “ Supply and Installation of Distance Measuring Equipment (DME)”. The documents may be in the form of literature, drawings and data.</i> <i>d) The document shall also include all the requirements mentioned in the technical specifications.</i> <i>e) A detailed description of the Goods’ essential technical performance characteristics including brochures/catalogs.</i> <i>f) A detailed schedule of execution of the work under the contract (Work Schedule), outlining key activities and critical items on the schedule which could influence the Contract completion date.</i> <i>g) Manufacturer/s must be manufacturing offered items for at least 3 years to prove their products field proven and reliability.</i> <i>h) Bidders or Manufacturer’s Supply Record for offered Model to at least three countries with copies of completion certificate/ work order of work of similar size and nature.</i>
ITB 17.1	Alternative Bids <i>shall not be</i> permitted.
ITB 18.5	The Incoterms edition is: <i>Incoterm 2020</i>
ITB 18.6 (a) (iii), (b) (ii) and (c) (v)	The final destination (Project Site) is: <i>JJ Peak remote station and Paro control Tower</i>

ITB 18.6(b) (i) and (c)(v)	Place of destination: <i>JJ Peak remote station and Paro control Tower</i>
ITB 19.1	The prices quoted by the Bidder <i>shall not</i> be adjustable.
ITB 20.1	The Bidder <i>is</i> required to quote in <i>Ngultrum (BTN) or United States Dollar (USD)</i> .
ITB 23.3	The period of time for which the Goods are expected to be functioning (for the purpose of spare parts, special tools, etc) is <i>15 years</i> .
ITB 24.1 (a)	Manufacturer's authorization <i>is</i> required.

ITB 24.1 (b)	After sales maintenance, repair, spare parts stocking and related services <i>are</i> required, and the Bidder <i>is not</i> required to be represented by a suitably equipped and able agent in Bhutan.
ITB 25.1	The Bid validity period shall be 90 days.
ITB 26.1	The amount and currency of the Bid Security is Nu. 193425/-
	E. SUBMISSION AND OPENING OF BIDS
ITB 27.1 and 28.1	In addition to the original of the Bid, the number of copies is One (1) .
ITB 28.3 (c)	The name and identification number of the Contract is <i>Supply and Installation of Distance Measuring Equipment (DME) for Paro International Airport, ANSD/CNS/DME/19/2024-24/49</i>
ITB 28.3 (d)	The time and date for Bid Opening is 02.30 PM Bhutan time on 29th October, 2024 .
ITB 28.7	Bidders <i>shall not</i> have the option of submitting their Bids electronically.
ITB 29.1	For Bid submission purposes, the Procuring agency's address is: Attention: The Director General Address: Department of Air Transport, Arrival Terminal Building, 2nd floor, Paro International Airport, Post code: 12001, Paro Bhutan. The deadline for the submission of Bids is: Date: 29th October 2024 Time: 12:00 PM, Bhutan time.
ITB 32.1	The Bid Opening shall take place at: Address: DoAT Conference Hall, Arrival Terminal Building, 2nd floor, Paro Airport, Paro Bhutan. Date: 29th October 2024 Time: 02:30 PM, Bhutan time.
	F. EVALUATION AND COMPARISON OF BIDS
ITB 39.1	Bid prices expressed in different currencies shall be converted into Ngultrum (BTN).

	<p>The source of exchange rates shall be based on the telegraphic transfers (TT) selling rate of the Royal Monetary Authority of Bhutan.</p> <p>The date for the exchange rates shall be the date of Bid Opening, as prescribed in ITB Sub-Clause 32.1.</p>
ITB 40.1	<p>A margin of twenty percent (20%) Domestic Preference shall not apply.</p>
ITB 41.3 (a)	<p>Evaluation will be done for Lots</p> <p><i>Bids will be evaluated lot by lot. 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 missing item(s) quoted by substantially responsive Bidders shall be added to the Bid price and the equivalent total cost of the Bid so determined will be used for price comparison.</i></p>
ITB 41.3 (e)	<p>The adjustments shall be determined using the following criteria from amongst those set out in Section III, Evaluation and Qualification Criteria: <i>[refer to Schedule III, Evaluation and Qualification Criteria; insert complementary details if necessary]</i></p> <p>(a) Deviation in payment schedule: No.</p> <p>(b) The cost of major replacement components, mandatory spare parts, and service: No.</p> <p>(c) The availability in Bhutan of spare parts and after-sales services for the equipment offered in the Bid No.</p> <p>(d) The projected operating and maintenance costs during the life of the equipment No.</p> <p>(e) The performance and productivity of the equipment offered: No.</p> <p>(f) Technical compliance statement of TOR with documentary evidence: Yes.</p>
ITB 41.6	<p>Bidders shall not be allowed to quote separate prices for one or more lots. <i>[refer to Section III, Evaluation and Qualification Criteria for the evaluation methodology, if appropriate]</i></p>

SECTION III. EVALUATION AND QUALIFICATION CRITERIA

1. Domestic Preference (ITB 40) 43

2. Evaluation Criteria (ITB 41.3 (e)) 43

3. Multiple Contracts (ITB41.6) 45

1. Domestic Preference (ITB 40)

- 1.1 If the Bidding Data Sheet (BDS) so specifies, the purchaser may grant a margin of preference to goods manufactured in the Purchaser's country for the purpose of bid comparison, in accordance with the procedure outlined in subsequent paragraphs:
- 1.2 Bids will be classified in one of the three groups, as follows:
 - (a) Group A: Bids offering goods manufactured in Bhutan; and
 - (b) Group B: Bids offering goods manufactured outside Bhutan that have been already imported or that will be imported.
- 1.3 All evaluated bids in each group shall be compared to determine the lowest evaluated bid. Such best evaluated bids from each group shall be compared with each other and if:
 - (a) As a result of this comparison, a bid from Group A is the Lowest Evaluated Bid (LEB).
 - (b) This shall be selected for the award.
- 1.4 All evaluated bids in each group shall be compared to determine the lowest evaluated bid. Such lowest evaluated bids from each group shall be compared with each other and it,
 - (a) As a result of this comparison, a bid from Group B is the LEB.
 - (b) An amount often (20%) percent domestic preference shall be calculated on Groups LEB price to be subtracted/deducted on the LEB price (Group A).
 - (c) After deducting 20% from the LEB price from Group A, this shall be compared with the LEB from Group B to determine the LEB for the award.

2. Evaluation Criteria (ITB 41.3 (e))

The Procuring agency's evaluation of a Bid may take into account, in addition to the Bid Price quoted in accordance with ITB Sub-Clause 18.6, one or more of the following factors as specified in ITB Sub-Clause 41.3 (e) and in the BDS referring to ITB Sub-Clause 41.3 (e), using the following criteria and methodologies.

- (a) Deviation in Payment Schedule. (insert one of the following)
 - (i) Bidders shall state their Bid price for the payment schedule outlined in the SCC. Bids shall be evaluated on the basis of this base price. Bidders are, however, permitted to state an alternative payment schedule and indicate the reduction in Bid Price they wish to offer for such alternative payment schedule. The Procuring agency may consider the alternative payment schedule and the reduced Bid

Price offered by the Bidder selected on the basis of the base price for the payment schedule outlined in the SCC.

or

- (ii) The SCC stipulates the payment schedule specified by the Procuring agency. If a Bid deviates from the schedule and if such deviation is considered acceptable to the Procuring agency, the Bid will be evaluated by calculating interest earned for any earlier payments involved in the terms outlined in the Bid as compared with those stipulated in the SCC, at the rate per annum specified in BDS Sub-Clause 41.3 (e)

- (b) Cost of major replacement components, mandatory spare parts, and service. (insert one of the following)

- (i) The list of items and quantities of major assemblies, components and selected spare parts likely to be required during the initial period of operation specified in BDS Sub-Clause ITB 23.3 is in the List of Goods. An adjustment equal to the total cost of these items, at the unit prices quoted in each Bid, shall be added to the Bid Price, for evaluation purposes only.

or

- (ii) The Procuring agency will draw up a list of high-usage and high-value items of components and spare parts, along with estimated quantities of usage in the initial period of operation specified in BDS Sub-Clause ITB 23.3. The total cost of these items and quantities will be computed from spare parts unit prices submitted by the Bidder and added to the Bid Price, for evaluation purposes only.
 - (c) Availability in Bhutan of spare parts and after sales services for equipment offered in the Bid. An adjustment equal to the cost to the Procuring agency of establishing the minimum service facilities and parts inventories, as outlined in BDS Sub-Clause ITB 41.3 (e), if quoted separately, shall be added to the Bid Price, for evaluation purposes only.
 - (d) Projected operating and maintenance costs.

Operating and maintenance costs, an adjustment to take into account the operating and maintenance costs of the Goods will be added to the Bid Price, for evaluation purposes only, if specified in BDS Sub-Clause ITB 41.3 (e). The adjustment will be evaluated in accordance with the methodology specified in the BDS Sub-Clause ITB 41.3 (e).

(e) Performance and productivity of the equipment. (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 BDS Sub-Clause ITB41.3 (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 ITB41.3 (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 ITB 41.3 (e). The adjustment will be evaluated based on the cost per unit of the actual productivity of the Goods offered in the Bid with respect to minimum required values, using the methodology specified in BDS Sub-Clause ITB41.3 (e).

(f) Specific additional criteria

Other specific additional criteria to be considered in the evaluation, and the evaluation method, shall be detailed in BDS Sub-Clause ITB 41.3 (e)],

Technical compliance statement of TOR with documentary evidence should be submitted.

3. Multiple Contracts (ITB41.6)

The Procuring agency shall award multiple contracts to the Bidder that offers the lowest evaluated combination of Bids (one contract per Bid).

The Procuring agency shall:

(a) evaluate only lots or contracts that include at least the percentages of items per lot and quantity per item as specified in ITB Sub-Clause 18.7.

(b) take into account:

(i) the best-evaluated Bid for each lot; and

(ii) the price reduction per lot and the methodology for its application as offered by the Bidder in its Bid.

SECTION IV. BIDDING FORMS

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Bidder Information Form

[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date: *[insert date (as day, month and year) of Bid submission]*

Bid No.: *[insert number of bidding process]*

Page _____ of _____ pages

1.	Bidder's Legal Name <i>[insert Bidder's legal name]</i>
2.	In the case of a Joint Venture, Consortium or Association (JV/C/A) legal name of each <i>[insert legal name of each party in JV/C/A]</i>
3.	Bidder's actual or intended Country of Registration: <i>[insert actual or intended Country of Registration]</i>
4.	Bidder's Year of Registration: <i>[insert Bidder's year of registration]</i>
5.	Bidder's Legal Address in Country of Registration: <i>[insert Bidder's legal address in country of registration]</i>
6.	Bidder's Authorized Representative Information Name: <i>[insert Authorized Representative's name]</i> Address: <i>[insert Authorized Representative's Address]</i> Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i> E-mail Address: <i>[insert Authorized Representative's e-mail address]</i>
7.	Attached are copies of the following original documents: <i>[check the box(es) of the attached original documents]</i> <ul style="list-style-type: none">◆ Articles of Incorporation or Trade license named in 1 above, in accordance with ITB Sub-Clause 3.1.◆ In the case of a government owned entity from Bhutan, documents establishing legal and financial autonomy and compliance with commercial law, in accordance with ITB Sub-Clause 3.3.◆ Power of attorney authorizing the signatory of the Bid to sign on behalf of the Bidder.

Joint Venture, Consortium or Association (JV/C/A) Partner Information

Form *[The Bidder shall fill in this Form in accordance with the instructions indicated below]. Date: [insert date (as day, month and year) of Bid submission]*
Bid No.: [insert number of bidding process]

Page _____ of _____ pages

1.	Bidder's Legal Name: <i>[insert Bidder's legal name]</i>
2.	JV/C/A Party's Legal name: <i>[insert JV/C/A Party's legal name]</i>
3.	JV/C/A Party's Country of Registration: <i>[insert JV/C/A Party's country of registration]</i>
4.	JV/C/A Party's Year of Registration: <i>[insert JV/C/A Party's year of registration]</i>
5.	JV/C/A Party's Legal Address in Country of Registration: <i>[insert JV/C/A Party's legal address in country of registration]</i>
6.	JV/C/A Party's Authorized Representative Information Name: <i>[insert name of JV/C/A Party's authorized representative]</i> Address: <i>[insert address of JV/C/A Party's authorized representative]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers of JV/C/A Party's authorized representative]</i> E-mail Address: <i>[insert e-mail address of JV/C/A Party's authorized representative]</i>
7.	Attached are copies of the following original documents: <i>[check the box(es) of the attached original documents]</i> ♦ Letter of intent to form the JV/C/A, or the JV/C/A agreement, in accordance with the ITB Sub-Clause 24.1(c) (v).

Bid Submission Sheet

[The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date: *[insert date of Bid submission]*

Invitation for Bid No.: *[insert number of IFB]*

Alternative No.: *[insert number, if this Bid is for an alternative]*

To: *[insert complete name of the Procuring agency]*

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: *[insert the number and date of issue of each addendum]*;
- (b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Supply 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 the Bid Price in words and figures, indicating the various amounts and their respective currencies]*;
- (d) The discounts offered and the methodology for their application are:

Discounts: If our Bid is accepted, the following discounts shall apply:

[Specify in detail each discount offered and the specific item of the Schedule of Supply to which it applies.]

Methodology of Application of the Discounts: The discounts shall be applied using the following methodology:

[Specify in detail the methodology that shall be used to apply the discounts];

- (e) Our Bid shall be valid for a period of *[insert number]* days from the date fixed for the Bid submission deadline in accordance with ITB Sub-Clause 29.1, and it shall remain binding upon us and may be accepted at any time before expiry of that period;
- (f) If our Bid is accepted, we commit to provide a Performance Security in accordance with ITB Clause51 and GCC Clause19 for the due performance of the Contract;
- (g) We are not participating as bidders in more than one Bid in this bidding process, other than any alternative offers submitted in accordance with ITB Clause17;

- (h) We, including any subcontractors or suppliers for any part of the Contract, have nationality from eligible countries, viz: *[insert the nationality of the Bidder, including that of all parties that comprise the Bidder if the Bidder is a JV/C/A, and the nationality each subcontractor and supplier]*
- (i) We have no conflict of interest pursuant to ITB Sub-Clause3.2;
- (j) Our firm, its affiliates or subsidiaries, including any subcontractors or suppliers for any part of the contract–has not been declared ineligible by the Procuring agency under the laws or official regulations of Bhutan, in accordance with ITB Sub-Clause3.4;
- (k) The following commissions, gratuities or fees have been paid or are to be paid with respect to the bidding process or execution of the Contract: *[insert complete name of each Recipient, its full address, there as on for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity]*

Name of Recipient Address	Reason	Amount
_____	_____	_____
_____	_____	_____

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

- (l) 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.
- (m) We understand that you are not bound to accept the lowest evaluated Bid or any other Bid that you may receive.

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

In the capacity of_____ [insert legal capacity of person signing the Bid Submission Sheet]

Name:_____ [insert complete name of person signing the Bid Submission Sheet]

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

Dated on_____ day of_____,_____ [insert date of signing]

Price Schedule Forms

[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 Procuring agency in the Schedule of Supply.]

Price Schedule: Goods Manufactured Outside the Procuring agency's Country, to be Imported

(Group C Bids, goods to be imported) Currencies in accordance with ITB 17								Date: _____ RFB No: _____ Alternative No: _____ Page No of _____
1	2	3	4	5	6	7	8	9
Line Item N	Description of Goods	Country of Origin	Delivery Date as defined by Incoterms	Quantity and physical unit	Unit price CIPS [insert place of destination] in accordance with ITB 18.6 (b) (i)	CIP Price per line item (Col.5x6)	Price per line item for in land transportation and other services required in the Procuring agency's Country to convey the Goods to their final destination specified in BDS	Total Price per Line item (Col. 7+8)
[insert number of the item]	[insert name of good]	[insert country of origin of the Good]	[insert quoted Delivery Date]	[insert number of units to be supplied and name of the physical unit]	[insert unit price CIP per unit]	[insert total CIP price per line item]	[insert the corresponding price per line item]	[insert total price of the line item]
1	DME Nav-Aid System			1 Set				
2	Remote Control and Maintenance System			1 Lot				

Name of Bidder [insert complete name of Bidder] Signature of Bidder [signature of person signing the Bid] Date [Insert Date]

Price Schedule: Goods Manufactured Outside the Procuring agency's Country, already imported

(Group C Bids, Goods already imported) Currencies in accordance with ITB20									Date: _____ RFB No: _____ Alternative No: _____ Page No of _____		
1	2	3	4	5	6	7	8	9	10	11	12
Line Item N ^o	Description of Goods	Country of Origin	Delivery Date as defined by Incoterms	Quantity and physical unit	Unit price including Custom Duties and Import Taxes paid, in accordance with ITB 18.6(c)(i)	Custom Duties and Import Taxes paid per unit in accordance with ITB 18.6(c)(ii), [to be supported by documents]	Unit Price net of custom duties and import taxes, in accordance with ITB 18.6(c)(iii) (Col. 6 minus Col. 7)	Price per line item net of Custom Duties and Import Taxes paid, in accordance with ITB 18.6(c)(i) (Col. x58)	Price per line item for inland transportation and other services required in the Procuring agency's Country to convey the goods to their final destination, as specified in BDS in accordance with ITB 18.6(c)(v)	Sales and other taxes paid or payable per item if Contract is awarded (in accordance with ITB 18.6(c)(iv))	Total Price per line item (Col. 9+10+11)
[insert number of the item]	[insert name of Goods]	[insert country of origin of the Good]	[insert quote of the Delivery Date]	[insert number of units to be supplied and name of the physical unit]	[insert unit price per unit]	[insert custom duties and taxes paid per unit]	[insert unit price net of custom duties and import taxes]	[insert price per line item net of custom duties and import taxes]	[insert price per line item for inland transportation and other services required in the Procuring agency's Country]	[insert sales and other taxes payable per item if Contract is awarded]	[insert total price per line item]
										Total Bid Price	

Name of Bidder [insert complete name of Bidder] Signature of Bidder [signature of person signing the Bid]

Date [insert date]

[For previously imported Goods, the quoted price shall be distinguishable from the original import value of these Goods declared to customs and shall include any rebate or mark up of the local agent or representative and all local costs except import duties and taxes, which have been and/or have to be paid by the Procuring agency. For clarity the Bidders are asked to quote the price including import duties, and additionally to provide the import duties and the price net of import duties which is the difference of those value

Price Schedule: Goods Manufactured in Bhutan.

Currencies in accordance with ITB Clause 18								Date:	
								IFB No:	
								Alternative No:	
								Page No: _____ of _____	
1	2	3	4	5	6	7	8	9	10
Line Item N□	Description of Goods	Delivery Date as defined by Incoterms	Quantity and physical unit	Unit price EXW	Total EXW price per line item (Col. 4x5)	Price per line item for inland transportation, insurance and other services required in Bhutan to convey the Goods to their final destination (project Site)	Cost of local labor, raw materials and components with origin in Bhutan % of Col. 5	Sales and other taxes payable per line item if Contract is awarded[in accordance with ITB Sub-Clause 18.6 (a) (ii)]	Total Price per line item (Col. 6+7+9)
<i>[insert number of the item]</i>	<i>[insert name of Good]</i>	<i>[insert quoted Delivery Date]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert EXW unit price]</i>	<i>[insert total EXW price per line item]</i>	<i>[insert the corresponding price per line item]</i>	<i>[Insert cost of local labor, raw material and components from within Bhutan as a % of the EXW price per line item]</i>	<i>[insert sales and other taxes payable per line item if Contract is awarded]</i>	<i>[insert total price per item]</i>
								Total Price	

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

Date *[insert date]*

Price and Completion Schedule - Related Services

Currencies in accordance with ITB Clause 18					Date:	
					IFB No:	
					Alternative No:	
					Page No: _____ of _____	
1	2	3	4	5	6	7
Service N□	Description of Services (excludes inland transportation and other services required in Bhutan to convey the Goods to their final destination)	Country of Origin	Delivery Date at place of Final destination	Quantity and physical unit	Unit price	Total Price per Service (Col. 5 6 or estimate)
<i>[insert number of the Service]</i>	<i>[insert name of Services]</i>	<i>[insert country of origin of the Services]</i>	<i>[insert delivery date at place of final destination per Service]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert unit price per item]</i>	<i>[insert total price per item]</i>
1	Installation, Equipment Commissioning, Testing			1 Lot		
2	Ground support for flight check			1 Time		
3	Maintenance and operation training			3 officials		
Total Bid Price						

Name of Bidder *[insert complete name of Bidder]* Signature of Bidder *[signature of person signing the Bid]*
Date *[insert date]*

Bid-Securing Declaration

Date: _____

IFB No.: _____

To: _____

We, the undersigned, declare that:

We understand that, according to your conditions, Bids must be supported by a Bid- Securing Declaration.

We accept that we are required to pay the bid security amount specified in the Bidding Data Sheet within 5 days of your instruction and failure to do so will automatically debar us (not eligible for Bidding or submitting Bid in any contract across all Government Agencies) for a period prescribed in the Debarment Rules, if we are in breach of our obligation(s) under the Bid conditions, because we:

- a) have withdrawn our Bid during the period of Bid validity specified by the Bidder in the Form of Bid;*
- b) have not accepted the correction of errors; or*
- c) have been notified of the acceptance of our Bid by the Procuring agency during the period of Bid validity but*
(i) fail or refuse to furnish the performance security in accordance with the ITB, or (ii) fail or refuse to execute the Contract in accordance with the ITB.

The procuring agency has the authority to immediately go to the next bidder, once the notice is served to the defaulting bidder.

Signed: _____

In the capacity of _____

Name: _____

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

Dated on _____ day of _____ Corporate Seal (where appropriate)

Affix Legal Stamp

Manufacturer's Authorization

*[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the **BDS**.]*

Date: *[insert date of Bid Submission]*

Invitation for Bid No.: *[insert IFB number]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

To: *[insert complete name of the Procuring agency]*

WHEREAS

We *[insert complete name of the Manufacturer]*, who are official manufacturers of *[insert type of Goods manufactured]*, having factories at *[insert full address(es) of the Manufacturer's factory/ies]*, do hereby authorize *[insert complete name of Bidder]* 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, namely *[insert name and/or brief description of the Goods]*, and subsequently to negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 29 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of the authorized representative(s) of the Manufacturer]*

Title: *[insert title(s) of the authorized representative(s) of the Manufacturer]*

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

Dated on the *[insert number]* day of *[insert month]*, *[insert year]*.

INTEGRITY PACT

1. General:

Whereas (*Name of head of the procuring agency or his/her authorized representative, with power of attorney*) representing the (*Name of procuring agency*), Royal Government of Bhutan, hereinafter referred to as the “**Procuring agency**” on one part, and (*Name of bidder or his/her authorized representative, with power of attorney*) representing M/s. (*Name of firm*), hereinafter referred to as the “**Bidder**” on the other part hereby execute this agreement as follows:

This agreement shall be a part of the standard bidding document, which shall be signed by both the parties at the time of purchase of bidding documents and submitted along with the tender document.

2. Objectives:

Whereas, the Procuring agency and the Bidder agree to enter into this agreement, here after referred to as IP, to avoid all forms of corruption or deceptive practice by following a system that is fair, transparent and free from any influence/unprejudiced dealings in the bidding process¹⁶ and contract administration¹⁷ with a view to:

2.1. Enabling the Procuring agency to obtain the desired contract at a reasonable and competitive price in conformity to the defined specifications of the works or goods or services; and

2.2. Enabling bidders to abstain from bribing or any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also refrain from bribing and other corrupt practices.

3. Scope:

The validity of this IP shall cover the bidding process and contract administration period.

4. Commitments of the Procuring agency:

The Procuring agency Commits itself to the following:-

4.1. The Procuring agency hereby undertakes that no officials of the Procuring agency, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favor or any material or immaterial benefit or any other advantage from the Bidder, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process and contract administration.

4.2. The Procuring agency further confirms that its officials shall not favor any prospective bidder in any form that could afford an undue advantage to that particular bidder in the bidding process and contract administration and will treat all Bidders alike.

¹⁶Bidding process, for the purpose of this IP, shall mean the procedures covering tendering process starting from bid preparation, bid submission, bid processing, and bid evaluation.

¹⁷Contract administration, for the purpose of this IP, shall mean contract award, contract implementation, un-authorized sub- contracting and contract handing/ taking over.

- 4.3. Officials of the Procuring agency, who may have observed or noticed or have reasonable suspicion shall report to the head of the employing agency or an appropriate government office any violation or attempted violation of clauses 4.1 and 4.2.
- 4.4. Following report on violation of clauses 4.1 and 4.2 by official (s), through any source, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings shall be initiated by the Procuring agency and such a person shall be debarred from further dealings related to the bidding process and contract administration.

5. Commitments of Bidders

The Bidder commits himself/herself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of the bidding process and contract administration in order to secure the contractor in furtherance to secure it and in particular commits himself/ herself to the following:-

- 5.1. The Bidder shall not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favor, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the Procuring agency, connected directly or indirectly with the bidding process and contract administration, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding process and contract administration.
- 5.2. The Bidder shall not collude with other parties interested in the contract to manipulate in whatsoever form or manner, the bidding process and contract administration.
- 5.3. If the bidder(s) have observed or noticed or have reasonable suspicion that the provisions of the IP have been violated by the procuring agency or other bidders, the bidder shall report such violations to the head of the procuring agency.

6. Sanctions for Violation:

The breach of any of the aforesaid provisions shall result in administrative charges or penal actions as per the relevant rules and laws.

- 6.1. The breach of the IP or commission of any offence (forgery, providing false information, misrepresentation, providing false/ fake documents, bid rigging, bid steering or coercion) by the Bidder, or any one employed by him, or acting on his/her behalf (whether with or without the knowledge of the Bidder), shall be dealt as per the terms and conditions of the contract and other provisions of the relevant laws, including Debarment Rules.
- 6.2. The breach of the IP or commission of any offence by the officials of the procuring agency shall be dealt as per the rules and laws of the land in vogue.

7. Monitoring and Administration:

7.1. The respective procuring agency shall be responsible for administration and monitoring of the IP as per the relevant laws.

7.2. The bidder shall have the right to appeal as per the arbitration mechanism contained in the relevant rules.

We, hereby declare that we have read and understood the clauses of this agreement and shall abide by it.

The parties here by sign this Integrity Pact at (place)_____ on (date)_____

Affix
Legal
Stamp

PROCURING AGENCY

CID:

Witness:

Name:

CID:

Affix
Legal
Stamp

BIDDER/REPRESENTATIVE

CID:

Witness:

Name:

CID:

Letter of Intent
(Letterhead paper of the Procuring agency)

Notes on standard form of letter of Intent

This issuance of Letter of Intent (always before letter of acceptance) is the information on the selection of the bid of the successful bidder by the Procuring agency and for providing information to the unsuccessful bidders who participated in the bid regarding the outcome of the procurement process.

The Procuring agency shall allow 5 days, as described in ITB 35.2, between this letter of intent and letter of acceptance to allow aggrieved bidders to complain if they feel they have been treated unfairly in the decision.

(Insert date)

To: _____ [Name and address of the Supplier]

This is to notify you that, it is our intention to award the contract for your Bid dated _____
[Insert date] for execution of the [Insert name of the contract and identification number, as given in the BDS/SCC] for the Contract Price of _____
_____ Insert amount in figure and words and name of currency]
as corrected and modified [if any corrections] in accordance with the Instructions to Bidders or (for item-wise contract insert list of items price schedule as an attachment)

Authorized Signature: _____

Name and Title of Signatory _____

Name of Agency: _____

CC:

[Insert name and address of all other suppliers who submitted the bid]

SECTION V: ELIGIBLE COUNTRIES

Eligibility for the Provision of Goods and Related Services in RGoB-financed Procurement The RGoB permits firms and individuals from all countries to offer goods and related Services for RGoB-financed projects. As an exception, firms of a country, goods manufactured in a country or services provided from or by a country may be excluded if:

- 1.1. as a matter of law or official regulation, the RGoB prohibits commercial relations with that country; or
- 1.2. 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, the RGoB prohibits any import of goods from that country or any payments to persons or entities in that country.

For the information of Bidders, at the present time firms, Goods and Services from the following countries are excluded from this bidding:

- (a) With reference to Paragraph 1.1above:

[insert list of countries prohibited under the law or official regulations of Bhutan]

- (b) With reference to Paragraph 1.2above:

[insert list of countries which are barred under UN Security Council Chapter VII]

PART2

SUPPLY REQUIREMENTS

SECTION VI: SCHEDULE OF SUPPLY

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2. List of Related Services and Completion Schedule 68

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Notes for Preparing the Schedule of Supply

The Schedule of Supply shall be included in the Bidding Documents by the Procuring agency, and shall cover, at a minimum, a description of the Goods and Services to be supplied and the delivery schedule.

The objective of the Schedule of Supply 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. In addition, the Schedule of Supply together with the Price Schedule should serve as a basis in the event of quantity variation at the time of award of Contract in pursuant to ITB Clause 47.

The date or period for delivery should be carefully specified, taking into account (a) the implications of delivery terms stipulated in the Instructions to Bidders pursuant to the Incoterms rules (i.e., EXW; or CIF, CIP, FOB, FCA where “delivery” takes place when the Goods are delivered **to the carriers**), and (b) the date prescribed herein from which the Procuring agency’s delivery obligations start (i.e., notice of award, contract signature, opening or confirmation of the letter of credit).

1. List of Goods and Delivery Schedule

[The Procuring agency shall fill in this table, with the exception of the column “Bidder’s Offered Delivery Date”, which is to be filled by the Bidder]

Line Item N	Description of Goods	Quantity	Physical unit	Final (Project Site) Destination as specified in BDS	Delivery Date	Bidder’s Offered Delivery Date (To be provided by the bidder)
[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 of the Contract]	[insert the number of days following the date of effectiveness of the Contract]
1	DME Nav- Aid System	1	Set	As mentioned in TOR	120 days from the award of contract	
2	Remote Control and Maintenance System	1	Lot	do	do	

2. List of Related Services and Completion Schedule

This table shall be filled in by the Procuring agency. The Required Completion Dates should be realistic, and consistent with the required Goods Delivery Dates (as per Incoterms)]

Service	Description of Service	Quantity ¹	Physical Unit	Place where Services shall be performed	Final Completion Date(s) of Services
[insert Service No]	[insert description of Related Services]	[insert quantity of items to be supplied]	[insert physical unit for the items]	[insert name of the Place]	[insert required Completion Date(s)]
1	Installation, Equipment Commissioning, Testing	1	Lot	As mentioned in TOR	180 days from the award of contract
2	Ground support for flight check	1	Times	do	do
3	Maintenance and operation training	3	Officials	do	90 days from the award of contract

1. If applicable

3. Technical Specifications

*The Goods and Related Services shall comply with Technical Specifications, Requirements, Standards specified and project backgrounds included in the **Annexure I** at the end of the tender document.*

Note: All the taxes should be paid by the bidders. DoAT will not pay anything except for the supply and installation works as quoted and agreed upon. The bidder should include all the expenses including TDS (2% for national bidders and 3 % for international bidders) and the sales tax & import duty levied within Bhutan.

4. Drawings

These Bidding Documents include *no* drawings.

5. Inspections and Tests

The following inspections and tests shall be performed:

- On delivery of the items, it shall be inspected by the purchaser to ensure if it complies with the technical specification. Non compliance to technical specification may lead to rejection of items as per the TOR (*Annexure I*)
- Final acceptance and commissioning test will be conducted together with the DoAT technical engineers and issue of commission certificate & acceptance will be subjected to the test results as per the TOR (*Annexure I*)

PART 3

CONTRACT

SECTION VII. GENERAL CONDITIONS OF CONTRACT

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SECTION VII. GENERAL CONDITIONS OF CONTRACT

1. Definitions

- 1.1. The following words and expressions shall have the meanings hereby assigned to them:
- (a) **Award of Contract** means the decision of the Procuring agency to enter into a Contract with the Supplier for supply and delivery of the specified Goods, including any Related Services.
 - (b) **Bid** means an offer to supply Goods, including any Related Services, made in accordance with the terms and conditions set out in the Bidding Documents that preceded the placement of the Contract of which these GCC form apart. The term “tender” is synonymous with the term “Bid”.
 - (c) **Bidder** means an eligible individual or legal entity that participated in the bidding process governed by the Bidding Documents that preceded the placement of the Contract of which these GCC form apart.
 - (d) **Bidding Documents** means the set of Bidding Documents that preceded the placement of the Contract of which these GCC form apart, which were sold or issued by the Procuring agency to potential Bidders, and in which the specifications, terms and conditions of the proposed procurement were prescribed.
 - (e) **Contract Documents** means the documents listed in the Contract Agreement, including any amendments thereto.
 - (f) **Contract Price** means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from as may be made pursuant to the Contract.
 - (g) **Day** means calendar day.
 - (h) **Delivery** means the transfer of the Goods from the Supplier to the Procuring agency in accordance with the terms and conditions set forth in the Contract Documents.
 - (i) **GCC** means the General Conditions of Contract.
 - (j) **Goods** means all of the commodities, raw materials, machinery and equipment, and/or other materials, including any object in solid, liquid or gaseous form that has an economic utility or value and which can be exchanged or traded, that the Supplier is required to supply to the Procuring agency under the Contract.
 - (k) The **Project Site**, where applicable, means the place named in the SCC.

- (l) **Procuring agency** means the entity purchasing the Goods and Related Services, as specified in the SCC.
- (m) **Related Services** means the services incidental to the supply of the Goods, such as insurance, installation, training and initial maintenance and other obligations of the Supplier under the Contract
- (n) **SCC** means the Special Conditions of Contract.
- (o) **Subcontractor** means any natural person, private or government entity, or a combination thereof, including its legal successors and 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.
- (p) **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 Procuring agency and is named as such in the Agreement, and includes the legal successors or permitted assigns of the Supplier.

2. Contract Documents

- 2.1. Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary and mutually explanatory. The Contract Agreement shall be read as a whole.

3. Fraud and Corruption

- 3.1. If the Procuring agency determines that the Supplier has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices in competing for or in executing the Contract then the Procuring agency may, after giving fourteen (14) days notice to the Supplier, terminate the Supplier's employment under the Contract and cancel the Contract, and the provisions of GCC Clause 36 shall apply as if such termination has been made under GCC Sub-Clause 36.1.
- 3.2. Should any employee of the Supplier be determined to have engaged in corrupt, fraudulent, collusive, coercive or obstructive practice during the purchase of the Goods, then that employee shall be removed.
- 3.3. For the purposes of this Sub-Clause:
 - (a) "corrupt practice"⁶ is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value⁷ to influence improperly the actions of another party;

⁶ "another party" refers to a public official acting in relation to the procurement process or contract execution. In this context, "public official" includes staff and employees of other organizations (including any institutions providing finance for the Goods) taking or reviewing procurement decisions.

⁷ "anything of value" includes, but is not limited to, any gift, loan, fee, commission, valuable security or other asset or interest in an asset; any office, employment or contract; any payment, discharge or liquidation of any loan, obligation or other liability whatsoever, whether in whole or in part; any other services, favour or advantage, including protection from any penalty or disability incurred or apprehended or from any action or proceeding of a disciplinary or penal nature, whether or not already instituted and including the exercise or the forbearance from the exercise of any right or any official power or duty.

- (b) “fraudulent practice”⁸ is any intentional 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;
- (c) “collusive practice”⁹ is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
- (d) “coercive practice”¹⁰ 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;
- (e) “obstructive practice” is
 - (i) deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede any 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
 - (ii) an act intended to materially impede the exercise of the inspection and audit rights of the Procuring agency and/or any other relevant RGoB agency provided for under GCC Clause 11.

3.4. Any communications between the Supplier and the Procuring agency related to matters of alleged fraud or corruption must be made in writing.

4. Interpretation

4.1. If the contexts or requires it, singular means plural and vice-versa.

4.2. Incoterms

- (a) Unless inconsistent with any provision of the Contract or otherwise specified in the SCC, the meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by Incoterms.
- (b) The terms EXW, CIF, CIP and other similar terms, when used, shall be governed by the rules prescribed in the current edition of Incoterms specified in the SCC and published by the International Chamber of Commerce in Paris, France.

⁸ 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.

⁹ “parties” refers to participants in the procurement process (including public officials) and an “improper purpose” includes attempting to establish bid prices at artificial, non-competitive levels.

¹⁰ a “party” refers to a participant in the procurement process or contract execution.

4.3. **Entire Agreement**

The Contract constitutes the entire agreement between the Procuring agency and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.4. **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.

4.5. **Non-waiver**

(a) 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.

(b) 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.

4.6. **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.

5. Language

5.1. The Contract, as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Procuring agency, 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, the 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, for documents provided by the Supplier.

6. Joint Venture, Consortium or Association

6.1. If the Supplier is a joint venture, consortium or association, all of the parties shall be jointly and severally liable to the Procuring agency 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, consortium or association. The composition or the constitution of the joint venture, consortium or association shall not be altered without the prior consent of the Procuring agency.

7. Eligibility

- 7.1. The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Subcontractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.
- 7.2. All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the Goods have been grown, mined, cultivated, produced, manufactured or processed; or through manufacture, processing or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

8. Notices

- 8.1. 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, including electronic communication, with proof of receipt.
- 8.2. A notice shall be effective when delivered or on the notice’s effective date, whichever is later.

9. Governing Law

- 9.1. The Contract shall be governed by and interpreted in accordance with the laws of Bhutan.

10. Settlement of Disputes

- 10.1. The procuring agency and the supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.
- 10.2. If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, either the Procuring agency or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute. No arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.

- 10.3. Notwithstanding any reference to arbitration herein,
- (a) The parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and
 - (b) The Procuring agency shall pay the Supplier any monies due to the Supplier.

11. Inspections & Audit

- 11.1. The Supplier shall permit the Procuring agency and/or persons appointed by the Procuring agency to inspect the Supplier's offices and/or the accounts and records of the Supplier and its Subcontractors relating to the performance of the Contract, and to have such accounts and records audited by auditors appointed by the Procuring agency if so required by the Procuring agency. The Supplier's attention is drawn to GCC Clause 3, which provides, inter alia, that acts intended materially to impede the exercise of the inspection and audit rights provided for under this GCC Sub-Clause 11.1 constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility under ITB Sub-Clause 2.1 (c) of the Instructions to Bidders that preceded the placement of the Contract of which these GCC form a part).

12. Scope of Supplies

- 12.1. The Goods and Related Services to be supplied shall be as specified in the Schedule of Supply.
- 12.2. Unless otherwise stipulated in the Contract, the 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 of the Goods and Completion of the Related Services as if such items were expressly mentioned in the Contract.
- 12.3. The supply order for one-time purchase shall be sent within five (5) working days after signing of contract.

13. Delivery and Documents

- 13.1. Subject to GCC Sub-Clause 34.1, the delivery of the Goods and completion of the Related Services shall be in accordance with the delivery and completion requirements specified in the Schedule of Supply. The details of shipping and other documents to be furnished by the Supplier are specified in the SCC.

14. Supplier's Responsibilities

- 14.1. The Supplier shall supply all the Goods and Related Services included in the Scope of Supplies in accordance with GCC Clause 12, and the delivery and completion requirements as per GCC Clause 13.

15. Procuring agency's Responsibilities

- 15.1. Whenever the supply of Goods and Related Services requires that the Supplier obtain permits, approvals and/or import and other licenses or similar permissions from Bhutanese public authorities, the Procuring agency shall, if so required by the Supplier, use its best efforts to assist the Supplier in complying with such requirements in a timely and expeditious manner, but without incurring any costs.

16. Contract Price

- 16.1. The Contract Price shall be as specified in the Contract Agreement subject to any additions and adjustments thereto or deductions there from as may be made pursuant to the Contract.
- 16.2. Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its Bid.
- 16.3. Notwithstanding GCC 16.2, the price adjustments shall be mandatorily applicable for procurement more than 12 months.

17. Terms of Payment

- 17.1. The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the SCC.
- 17.2. The Supplier's request for payment shall be made to the Procuring agency in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 13 and upon fulfillment of all the obligations stipulated in the Contract.
- 17.3. Payments shall be made promptly by the Procuring agency, no later than twenty-five (25) days after the submission of verified invoice or request for payment by the Supplier, and the Procuring agency has accepted it.
- 17.4. The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the Bid Price is expressed.
- 17.5. In the event that the Procuring agency fails to pay the Supplier any payment within the period provided in GCC 17.3, the Procuring agency 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 payment has been made in full, whether before or after judgment or arbitrage award.

18. Taxes and Duties

- 18.1. For Goods manufactured outside Bhutan the Supplier shall bear and pay all applicable taxes, stamp duties, license fees and other similar levies imposed outside Bhutan.
- 18.2. For Goods manufactured within Bhutan the Supplier shall bear and promptly pay all applicable taxes, duties, license fees and other similar levies incurred until delivery of the contracted Goods to the Procuring agency.
- 18.3. If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in Bhutan, the Procuring agency shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

19. Performance Security

- 19.1. The Supplier shall, within fifteen (15) working days of the notification of contract award, provide a Performance Security for the due performance of the Contract in the amount and currency specified in the SCC.
- 19.2. The proceeds of the Performance Security shall be payable to the Procuring agency as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 19.3. The Performance Security shall be denominated in the currency(ies) of the Contractor in a freely convertible currency acceptable to the Procuring agency, shall be valid until the successful completion of the Supplier's performance obligations under the Contract, including any warranty obligations, and shall be in one of the forms stipulated by the Procuring agency in the SCC.
- 19.4. The Performance Security shall be discharged by the Procuring agency 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, unless specified otherwise in the SCC.

20. Copyright

- 20.1. The copyright in all drawings, documents and other materials containing data and information furnished to the Procuring agency by the Supplier shall remain vested in the Supplier, or, if they are furnished to the Procuring agency 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.

21. Confidential Information

- 21.1. The Procuring agency and the Supplier shall keep confidential and shall not, without the written consent of the other party here to, 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(s) such documents, data and other information as it receives from the Procuring agency to the extent required for the Subcontractor(s) to perform its/their work under the Contract, in which event the Supplier shall obtain from such Subcontractor(s) an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause 21.
- 21.2. The Procuring agency 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 Procuring agency for any purpose other than the design, procurement or other work and services required for the performance of the Contract.
- 21.3. The obligation of a party under GCC Sub-Clauses 21.1 and 21.2 above, however, shall not apply to information that:
- (a) The Procuring agency or Supplier needs to share with the RGoB or other institutions participating in the financing of the Contract;
 - (b) Now or here after 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.
- 21.4. The above provisions of GCC Clause 21 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.
- 21.5. The provisions of GCC Clause 21 shall survive completion or termination, for whatever reason, of the Contract.

22. Subcontracting

- 22.1. The supplier shall not subcontract, in whole or in part, their obligations under this Contract, except with the prior written consent of the procuring agency.
- 22.2. Subcontracts shall comply with the provisions of GCC Clauses 3 and 7.

23. Specifications and Standards

23.1. Technical Specifications and Drawings:

- (a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards stipulated in Section VI, Schedule of Supply and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.
- (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 Procuring agency, by giving a notice of such disclaimer to the Procuring agency.
- (c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the editions or the revised versions of such codes and standards shall be those specified in the Schedule of Supply. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Procuring agency and shall be treated in accordance with GCC Clause 34.

24. Packing and Documents

- 24.1. The Supplier shall provide such packing of the Goods as required to prevent the 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 sizes and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.
- 24.2. 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 Procuring agency.

25. Insurance

- 25.1. Unless otherwise specified in the SCC the Goods supplied under the Contract shall be fully insured, in a freely convertible currency from an eligible country, against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery, in accordance with the applicable Incoterms or in the manner specified in the SCC.

26. Transportation

- 26.1. Unless otherwise specified in the SCC, responsibility for arranging transportation of the Goods shall be in accordance with the specified Incoterms.

27. Inspections and Tests

- 27.1. At its own expense and at no cost to the Procuring agency the Supplier shall carry out all such tests and/or inspections of the Goods and Related Services as are specified in the SCC.
- 27.2. The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/ or at the Goods' final destination, or in another place in Bhutan as specified in the SCC. Subject to GCC Sub-Clause 27.3, 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 Procuring agency.
- 27.3. The Procuring agency or its designated representatives shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 27.2, provided that the Procuring agency bears all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all travelling and board and lodging expenses.
- 27.4. The Procuring agency 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 impedes 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.
- 27.5. The Supplier shall provide the Procuring agency with a report of the results of any such test and/or inspection.
- 27.6. The Procuring agency 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 Procuring agency, and shall repeat the test and/or inspection, at no cost to the Procuring agency, upon giving a notice pursuant to GCC Sub-Clause 27.4.
- 27.7. 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 Procuring agency or its representative, nor the issue of any report pursuant to GCC Sub-Clause 27.6, shall release the Supplier from any warranties or other obligations under the Contract.

28. Liquidated Damages

- 28.1. Except as provided for under GCC Clause 33, if the Supplier fails to deliver any or all of the Goods by the date(s) of delivery or fails to perform the Related Services within the period specified in the Contract, the Procuring agency 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 delivered price of the delayed Goods or unperformed Services for each day or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Procuring agency may terminate the Contract pursuant to GCC Clause 36.

29. Warranty

- 29.1. 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.
- 29.2. Subject to GCC Sub-Clause 23.1 (b), 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 Bhutan.
- 29.3. Unless otherwise specified in the SCC, the warranty shall remain valid for minimum 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, or for minimum eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.
- 29.4. The Procuring agency 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 Procuring agency shall afford all reasonable opportunity for the Supplier to inspect such defects.
- 29.5. 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 Procuring agency.
- 29.6. If, having been notified, the Supplier fails to remedy the defect within the period specified in the SCC, the Procuring agency may proceed to take within a reasonable period such remedial action as maybe necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring agency may have against the Supplier under the Contract.

30. Patent Indemnity

- 30.1. The Supplier shall, subject to the Procuring agency's compliance with GCC Sub-Clause 30.2, indemnify and hold harmless the Procuring agency 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 Procuring agency 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 Bhutan; 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 reasonably to be 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.
- 30.2. If any proceedings are brought or any claim is made against the Procuring agency arising out of the matters referred to in GCC Sub-Clause 30.1, the Procuring agency shall promptly give the Supplier notice thereof, and the Supplier may at its own expense and in the Procuring agency's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.
- 30.3. If the Supplier fails to notify the Procuring agency within thirty (30) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Procuring agency shall be free to conduct the same on its own behalf.
- 30.4. The Procuring agency 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.
- 30.5. The Procuring agency 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 Procuring agency.

31. Limitation of Liability

- 31.1. Except in cases of gross negligence or willful misconduct:
- (a) neither party shall be liable to the other party, whether in contract, tort or otherwise, 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 Procuring agency; and
 - (b) the aggregate liability of the Supplier to the Procuring agency, 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 Procuring agency with respect to patent infringement.

32. Change in Laws and Regulations

- 32.1. Unless otherwise specified in the Contract if, after the date thirty (30) days prior to the date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated or changed in Bhutan (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery/ Completion Schedule and/or the Contract Price, then such Delivery/ Completion Schedule 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 Sub-Clause 16.2.

33. Force Majeure

- 33.1. 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 delays in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 33.2. 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 Procuring agency in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- 33.3. If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring agency in writing of such condition and the cause thereof. Unless otherwise directed by the Procuring agency 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.

34. Change Orders and Contract Amendments

- 34.1. The Procuring agency may at any time order the Supplier through notice in accordance with GCC Clause 8 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 Procuring agency;
 - (b) the method of shipment or packing;
 - (c) the place of delivery; and
 - (d) the Related Services to be provided by the Supplier.
- 34.2. 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/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 Procuring agency's change order.
- 34.3. 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.
- 34.4. Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment by the parties.

35. Extensions of Time

- 35.1. 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 13, the Supplier shall promptly notify the Procuring agency in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Procuring agency 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.
- 35.2. Except in case of Force Majeure, as provided under GCC Clause 33, 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 28, unless an extension of time is agreed upon, pursuant to GCC Sub- Clause 35.1.

36. Termination

36.1. Termination for Default

- (a) The Procuring agency, without prejudice to any other remedy for breach of Contract, by written 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 Procuring agency pursuant to GCC Sub-Clause 35.1;
 - (ii) if the Supplier fails to perform any other obligation under the Contract; or
 - (iii) if the Supplier, in the judgment of the Procuring agency has engaged in fraud and corruption, as defined in GCC Clause 3, in competing for or in executing the Contract.
- (b) In the event the Procuring agency terminates the Contract in whole or in part, pursuant to GCC Clause 36.1 (a), the Procuring agency 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 the Procuring agency for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

36.2. Termination for Insolvency

The Procuring agency 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 shall be without compensation to the Supplier, provided that such termination shall not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Procuring agency.

36.3. Termination for Convenience

- (a) The Procuring agency, by 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 Procuring agency'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 thirty (30) days after the Supplier's receipt of notice of termination shall be accepted by the Procuring agency at the Contract terms and prices. For the remaining Goods, the Procuring agency 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.

36.4. Next process upon Termination of Contract

- (a) Following the termination of contract, the procuring agency may directly award or directly procure from the market.

37. Export Restriction

- 37.1. Notwithstanding any obligation under the Contract to complete all export formalities, any export restrictions attributable to the Procuring agency, to Bhutan, or to the use of the products/Goods, systems or services to be supplied, which arise from trade regulations from a country supplying those products/Goods, systems or services, and which substantially impede the Supplier from meeting its obligations under the Contract, shall release the Supplier from the obligation to provide deliveries or services. This is always provided, however, that the Supplier can demonstrate to the satisfaction of the Procuring agency that it has completed all formalities in a timely manner, including applying for permits, authorizations, and licenses necessary for the export of the products/Goods, systems or services under the terms of the Contract. Termination of the Contract on this basis shall be for the Procuring agency's convenience pursuant to Sub-Clause 36.3.

SECTION VIII. SPECIAL CONDITIONS OF CONTRACT

The following Special Conditions of Contract (SCC) shall supplement and/or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC. <i>[The Procuring agency shall select and insert the appropriate wording using the sample below or other acceptable wording and delete the text in italics.]</i>	
1.1 (k)	The Project Site(s)/Final Destination(s) is/are; <i>As described in TOR (Annexure I)</i>
1.1 (l)	The Procuring agency is: <i>Department of Air Transport, Ministry of Infrastructure and Transport.</i>
GCC 4.2 (a)	The meaning of the trade terms shall be as prescribed by Incoterms. If the meaning of any trade term and the rights and obligations of the parties there under shall not be as prescribed by Incoterms, they shall be as prescribed by: <i>CIP all sites mentioned in TOR</i>
GCC 4.2 (b)	The version of Incoterms shall be: <i>incoterm 2020.</i>
GCC 5.1	The language shall be: <i>English.</i>
GCC 8.1	For <u>notices</u> , the addresses shall be: For the Procuring agency: Attention: <i>Director General</i> Address: <i>Department of Air Transport, Bhutan</i> Telephone: <i>+975-08-272511</i> Facsimile number: - E-mail address: <i>kwangchuk@doat.gov.bt/sangay@doat.gov.bt</i>
GCC 9	The governing law shall be <u>the law of the Kingdom of Bhutan.</u>
GCC 10.2	The rules of procedure for arbitration proceedings pursuant to GCC Sub-Clause 10.2 shall be as follows: <i>[The Bidding Documents should contain one clause to be retained in the event of a Contract with a foreign Supplier and one clause to be retained in the event of a Contract with a Bhutanese Supplier. At the time of finalizing the Contract, the respective applicable clause should be retained in the Contract. The following explanatory note should therefore be inserted as a header to GCC Sub-Clause 10.2 in the Bidding Documents.</i> <i>“Clause 10.2 (a) shall be retained in the case of a Contract with a foreign Supplier and Clause 10.2 (b) shall be retained in the case of a Contract with a Bhutanese Supplier.”]</i> <i>(a) Contract with a foreign Supplier:</i> <i>[For Contracts entered into with foreign suppliers may have practical advantages in resolving disputes through international commercial arbitration over other dispute settlement methods. The Procuring agency may wish to consider the rules that govern the arbitration proceedings, such as the United Nations Commission on International Trade Law (UNCITRAL) Arbitration Rules of 1976, the Rules of Conciliation and Arbitration of the International Chamber of Commerce (ICC), the Rules of the London Court of International</i>

	<i>Arbitration, or the Rules of the Arbitration Institute of the Stockholm Chamber of Commerce.</i>
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	<p><i>If the Procuring agency chooses the UNCITRAL Arbitration Rules, the following sample clause should be inserted:</i> GCC 10.2 (a)—Any dispute, controversy or claim arising out of or relating to this Contract, or breach, termination or invalidity thereof, shall be settled by arbitration in accordance with the UNCITRAL Arbitration Rules as at present in force.</p> <p><i>If the Procuring agency chooses the Rules of ICC, the following sample clause should be inserted:</i> GCC10.2 (a)—All disputes arising in connection with the present Contract shall be finally settled under the Rules of Conciliation and Arbitration of the International Chamber of Commerce by one or more arbitrators appointed in accordance with the said Rules.</p> <p><i>If the Procuring agency chooses the Rules of the Arbitration Institute of the Stockholm Chamber of Commerce, the following sample clause should be inserted:</i> GCC 10.2 (a)—Any dispute, controversy or claim arising out of or in connection with this Contract, or the breach, termination or invalidity thereof, shall be settled by arbitration in accordance with the Rules of the Arbitration Institute of the Stockholm Chamber of Commerce.</p> <p><i>If the Procuring agency chooses the Rules of the London Court of International Arbitration, the following clause should be inserted:</i> GCC10.2 (a)—Any dispute arising out of or in connection with this Contract, including any question regarding its existence, validity or termination shall be referred to and finally resolved by arbitration under the Rules of the London Court of International Arbitration, which rules are deemed to be incorporated by reference to this clause.</p> <p><i>(b) Contract with a Bhutanese Supplier:</i> In the case of a dispute between the Procuring agency and a Bhutanese Supplier, the dispute shall be referred arbitration in accordance with the laws of Bhutan.</p>
GCC 13.1	<p><i>Details of Shipping and other Documents to be furnished by the Supplier are [insert the required documents, such as a negotiable bill of lading, a non-negotiable sea way bill, an airway bill, a railway consignment note, a road consignment note, insurance certificate, Manufacturer's or Supplier's warranty certificate, inspection certificate issued by nominated inspection agency, Supplier's factory shipping details etc].</i></p> <p>The above documents shall be received by the Procuring agency before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.</p>

GCC 16.2 & 16.3	<p>The prices charged for the Goods supplied and the related Services performed <i>shall not</i> be adjustable.</p> <p>If prices are adjustable, the following method shall be used to calculate the price adjustment <i>[see attachment to these SCC for a sample Price Adjustment Formula]</i></p>
GCC 17.1	<p><i>Sample provision</i></p> <p>GCC17.1—The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:</p> <p>Payment for Goods supplied from abroad:</p> <p>Payment of the foreign currency portion shall be made in (_____)</p> <p>(i) Advance Payment: Ten percent (10%) of the Contract Price shall be paid within thirty (30) days of signing of the Contract, and upon submission of a claim and an advance payment guarantee for the equivalent amount valid until the Goods are delivered and, in the form, provided in the Bidding Documents.</p> <p>(ii) On Completion and acceptance of project by the Procuring agency: Remaining 90% Payment will be admissible. The project shall be considered successful only after completion of flight inspection service.</p> <p>Payment of the local currency portion shall be made in Bhutanese Ngultrum (BTN) within thirty (30) days of presentation of a claim supported by a certificate from the Procuring agency declaring that the Goods have been delivered and that all other contracted Services have been performed.</p> <p>Payment for Goods and Services supplied from within Bhutan:</p> <p>Payment for Goods and Services supplied from within Bhutan shall be made in _____<i>[currency]</i>, as follows:</p> <p>(i) (i) Advance Payment: Ten percent (10%) of the Contract Price shall be paid within thirty (30) days of signing of the Contract, and upon submission of a claim and an advance payment guarantee for the equivalent amount valid until the Goods are delivered and, in the form, provided in the Bidding Documents.</p> <p>(ii) On Completion and acceptance of project by the Procuring agency: Remaining 90% Payment will be admissible. The project shall be considered successful only after completion of flight inspection service.</p>
GCC 17.5	<p>The interest rate that shall be applied is <i>0.1 %</i></p>
GCC 19.1	<p>The amount of the Performance Security shall be: <i>10% of the contract amount.</i></p> <p><i>[The amount of the Performance Security is usually expressed as a percentage of the Contract Price. The percentage varies according to the Procuring agency's</i></p>

	<i>perceived risk and impact of non-performance by the Supplier. A figure of ten percent (10%) is used under normal circumstances]</i>
GCC 19.3	The types of acceptable Performance Securities are: (i) <u>Unconditional bank guarantee issued by financial institution located in Bhutan and acceptable to the Procuring agency, in the form provided for in the Contractor in any other form acceptable to the Procuring agency;</u> (ii) Cash warrant; or (iii) Demand draft.
GCC 19.4	Discharge of Performance Security shall take place: <u>After the warranty period of one year from the day of commissioning of the system.</u>
GCC 24.2	The packing, marking and documentation within and outside the packages shall be: <u>as per Procurement Rules and Regulation 2023, Ministry of Finance, Royal Government of Bhutan.</u>
GCC 26.1	Responsibility for transportation of the Goods shall be <u>as specified in the Incoterms.</u> If not in accordance with Incoterms, responsibility for transportation shall be as follows: <i>[insert “The Supplier is required under the Contract to transport the Goods to a specified place of final destination within Bhutan, defined as the Project Site. Transport to such place of destination in Bhutan, 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”; or any other agreed upon trade terms (specify the respective responsibilities of the Procuring agency and the Supplier)]</i>
GCC 27.1	The inspections and tests shall be: <i>The functional operation and performance shall be inspected and tested during the delivery of items and commissioning of project as per the TOR.</i>
GCC 27.2	Inspections and tests shall be conducted at: <i>Place of delivery of item</i>
GCC 28.1	The liquidated damages shall be: <i>0.1 %</i> per day.
GCC 28.1	The maximum amount of liquidated damages shall be: <i>10 %.</i>
GCC 29.3	The period of validity of the Warranty shall be: <i>365 days.</i> For the purposes of the Warranty the place(s) of final destination(s) shall be: <i>Paro Control Tower</i>
GCC 29.5 and 29.6	The period for repair or replacement shall be: <i>60 days.</i>

Attachment: Price Adjustment Formula

If, in accordance with GCC 16.2, prices shall be adjustable, the following method shall be used to calculate the price adjustment:

Prices payable to the Supplier, as stated in the Contract, 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:

$$P1 = P0 \left[a + b \frac{L1}{L0} + c \frac{M1}{M0} \right] - P0$$
$$a + b + c = 1$$

in which:

- P1 = 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 percent (15%).
b = estimated percentage of labor component in the Contract Price.
c = estimated percentage of material component in the Contract Price.
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 as specified by the Procuring agency is as follows:

$a = [\text{insert value of coefficient}]$
 $b = [\text{insert value of coefficient}]$
 $c = [\text{insert value of coefficient}]$

The Bidder shall indicate the source of the indices and the base date indices in its bid. Base date = thirty (30) days prior to the deadline for submission of the bids.

Date of adjustment = $[\text{insert number of weeks}]$ weeks prior to date of shipment (representing the mid-point of the period of manufacture).

The above price adjustment formula shall be invoked by either party subject to the following further conditions:

- (a) price adjustment shall be allowed beyond the original delivery dates unless specifically stated in the extension letter. As a rule, no price adjustment shall be allowed for periods of delay for which the Supplier is entirely responsible. The Procuring agency will, however, be entitled to any decrease in the prices of the Goods and Services subject to adjustment.

- (b) If the currency in which the Contract Price P0 is expressed is different from the currency of origin of the labor and material indices, a correction factor will be applied to avoid incorrect adjustments of the Contract Price. The correction factor shall correspond to the ratio of exchange rates between the two currencies on the base date and the date for adjustment as defined above.
- (c) No price adjustment shall be payable on the portion of the Contract Price paid to the Supplier as advance payment.

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CONTRACT AGREEMENT

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS CONTRACT AGREEMENT made the [insert number] day of [insert month], [insert year],
BETWEEN

1. *[insert complete name of Procuring agency], a [insert description of type of legal entity, for example, an agency of the Ministry of the Government of Bhutan, or corporation in corporate under the laws of Bhutan] and having its principal place of business at [insert address of Procuring agency]*
(hereinafter called “the Procuring agency”), and
2. *[insert name of Supplier], a corporation incorporated under the laws of [insert: country of Supplier] and having its principal place of business at [insert: address of Supplier]*
(hereinafter called “the Supplier”).

WHEREAS the Procuring agency invited Bids for certain Goods and ancillary services, viz., [insert brief description of Goods and Services] and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency/ies]* (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as respectively assigned to the Conditions of Contract referred to.
2. The following documents shall constitute the Contract between the Procuring agency and the Supplier, and each shall be read and construed as an integral part of the Contract, viz.:
 - (a) This Contract Agreement;
 - (b) The Special Conditions of Contract;
 - (c) The General Conditions of Contract;
 - (d) Technical Requirements (including Schedule of Supply and Technical Specifications);
 - (e) The Supplier’s Bid and original Price Schedules;
 - (f) The Procuring agency’s Notification of Award of Contract;
 - (g) The form of Performance Security;

- (h) The form of Bank Guarantee for Advance Payment;
- (i) [insert here any other document(s) forming part of the Contract]

3. This Contract 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.
4. In consideration of the payments to be made by the Procuring agency to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Procuring agency to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
5. The Procuring agency 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 Bhutan on the day, month and year indicated above.

For and on behalf of the Procuring agency

Signed: *[insert signature]*
in the capacity of *[insert title or other appropriate designation]*

in the presence of *[insert signature] [insert identification of official witness]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]* in
the capacity of *[insert title or other appropriate designation]*

in the presence of *[insert signature] [insert identification of official witness]*

PERFORMANCE SECURITY

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: *[insert date (as day, month, and year) of Bid submission]* IFB No.
and title: *[insert no. and title of bidding process]*

Bank's Branch or Office: *[insert complete name of Guarantor]*

Beneficiary: *[insert complete name of Procuring agency]*

PERFORMANCE GUARANTEE No.: *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[insert number]* dated *[insert day and month]*, *[insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract"). Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s)]*¹¹ in figures and words upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or you needing to prove or to show grounds or reasons for your demand or the sums specified therein.

This Guarantee shall expire no later than the *[insert number]* day of *[insert month]* *[insert year]*²⁴ and any demand for payment under it must be received by us at this office on or before that date. We agree to a one-time extension of this Guarantee for a period not to exceed as required by Procuring agency, in response to the Procuring agency's written request for such extension, such request to be presented to us before the expiry of the Guarantee.

[Signatures of authorized representatives of the bank and the Supplier]

¹¹ ²³The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency (ies) of the Contractor or a freely convertible currency acceptable to the Procuring agency.

BANK GUARANTEE FOR ADVANCE PAYMENT

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated.]

Date: *[insert date (as day, month, and year) of Bid submission]*
IFB No. and title: *[insert number and title of bidding process]*

[Bank's letterhead]

Beneficiary: *[insert legal name and address of Procuring agency]*

ADVANCE PAYMENT GUARANTEE No.: *[insert Advance Payment Guarantee no.]*

We, *[insert legal name and address of bank]*, have been informed that *[insert complete name and address of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[insert number]* dated *[insert date of Contract]* with you, for the supply of *[insert types of Goods to be delivered]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, an advance payment is to be made against an advance payment guarantee.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of *[insert amount(s)22 in figures and words]* upon receipt by us of your first demand in writing declaring that the Supplier is in breach of its obligation under the Contract because the Supplier used the advance payment for purposes other than toward delivery of the Goods.

It is a condition for any claim and payment under this Guarantee to be made that the advance payment referred to above must have been received by the Supplier in its account *[insert number and domicile of the account]*

This Guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until *[insert date 25]*. We agree to a one-time extension of this Guarantee for a period not to exceed *[six months]* *[one year]*, in response to the Procuring agency's written request for such extension, such request to be presented to us before the expiry of the Guarantee.

[signature(s) of authorized representative(s) of the bank]

LETTER OF ACCEPTANCE

[use letterhead paper of the Procuring agency]

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

Subject: **Notification of Award Contract No.**

[da
te]

This is to notify youth at your Bid dated *[insert date]* for supply of the *[insert name of the contract and identification number, as given in the SCC] for the Accepted Contract Amount of [insert amount in numbers and words and name of currency]*, as corrected and modified in accordance with the Instructions to Bidders is hereby accepted by our Agency or (for item-wise contract insert list of items price schedule as an attachment)

You are requested to furnish the Performance Security within 15 days in accordance with the Conditions of Contract, using for that purpose the of the Performance Security Form included in Section X, Contract Forms, of the bidding document.

Authorized Signature:_____

Name and Title of Signatory:_____

Name of Agency:_____

Attachment: Contract Agreement

Annexure I

TECHNICAL SPECIFICATIONS FOR DME (DISTANCE MEASURING EQUIPMENT)

1. Introduction

1.1.Purpose

This document provides the functional and technical specifications for the Distance Measuring Equipment (DME). The DME shall be installed at the JJ Peak remote NAV-AID station to support flight operations at Paro International Airport. The DME will be co-located with the existing DVOR (MARU 220).

1.2.Scope

- 1.2.1. Supply, installation, testing and commissioning of Distance measuring equipment (DME) for Paro International Airport.
- 1.2.2. Ground support during flight inspection service
- 1.2.3. Training for the Engineers

1.3.General

- 1.3.1. All designs, materials, manufacturing techniques, and workmanship shall be in accordance with the highest accepted international standards for this type of equipment.
- 1.3.2. Bidder shall submit the CV of Engineers involved in the installation of the system. The Engineers shall have experience of more than 5 years for the installation of DME and any other required skills for the successful implementation of the system.
- 1.3.3. The bidder shall guarantee the availability of all spare parts and modules for the equipment under offer (both inclusive of and exclusive of those items in the recommended spares list) for a period of not less than 15 years from commissioning.
- 1.3.4. All the taxes should be paid by the bidders including TDS (2% for national bidders and; 3% for international bidders) and the sales tax and import duty levied within Bhutan. DoAT will not pay anything except for the supply and installation works as quoted and agreed upon in the tender document.
- 1.3.5. Bidder should include all the installation accessories required for the complete installation of the DME and any other additional equipment or services that are necessary for the overall success of the project.
- 1.3.6. The bidder should ensure minimal operational disruption for commissioning of the DME.

1.4.Location

1. The beacon site (remote site) is located at 54 km away from the Paro International Airport at an altitude of 3,469 meters. It is connected by 18 Km feeder road from Paro-Haa highway junction.
2. The local site is at Air Traffic Control Tower at Paro International Airport.

2. Standards

The following standards shall be applicable for supply and installation of the equipment in their latest edition, including the latest amendments and additions, in all respects:

- International Civil Aviation Organisation (ICAO) - Annexes, Documents and Manuals
- International Standardisation Organisation (ISO)
- International Electro technical Commission (IEC)
- International Colour Coding (ICC)

3. Equipment Requirement

The equipment proposed shall comply with the requirement listed below. The compliance shall be supported by a point- to - point statement to be included in the proposal.

The DME shall consist of a 1 kW ground beacon housed in a cabinet with two transponder and a dual microprocessor-controlled monitoring system with built-in test equipment.

3.1.General Requirement

3.1.1. Electrical

1.2.1.1.Input Voltage

The AC- input voltage shall be: 230 Volts
AC Frequency: 48 to 64 Hz

1.2.1.2.Battery Protection

Automatic protection against battery overcharging shall be incorporated in the power supply by means of a constant voltage circuit.

1.2.1.3.Stray Radiation

The power supply/charger unit shall not emit any stray radiation causing interference to radio environment.

1.2.1.4.DC Supply Voltage

The D.C. output (rectifier circuit) shall provide a nominal voltage below or equal to 48 Volts at a current sufficient to operate the equipment and charge batteries at the same time. Interdependent voltage and current regulation shall be provided.

1.2.1.5. Battery Charging Power Supply Configuration

Independent power supply units (PDU) shall share the charging of the common battery set and the equipment load from a common bus bar. The arrangement shall be a dual configuration; i.e. for a dual equipment configuration, 2 power supply units (PDU) shall share the load. In case of removal or failure of one unit the equipment supply shall not be interrupted, the remaining power supply unit shall still be capable to supply the dual equipment, the battery charging period shall be increased, only. The charging time (from 10%-90% battery capacity) shall not exceed:

- 10 hours charging time for full (dual) power supply configuration
- 36 hours charging time in the event of single power supply configuration

3.1.2. Mechanical

3.1.2.1. Configuration

The electronic equipment shall be mounted in a cabinet installed in a shelter. The frame work shall be of galvanised steel.

3.1.2.2. Modular Construction

For rapid replacement of units, the cabinet shall contain equipment carriers, in which individual plug in units and modules shall be inserted. All the plug-in units and modules (including RF-modules) shall fit on slide rails and shall be removable from the front of the cabinet. Connectors shall be keyed to prevent insertion of units in the wrong way or into a wrong slot. In addition, the RF-Connectors of the modules shall be plug-in type.

3.1.2.3. Plug-In Units

3.1.2.3.1. Printed Circuit Boards

Printed circuit boards shall be used exclusively, also for inter wiring between circuits inside of plug-in units (printed mother boards).

3.1.2.3.2. Coatings

Printed circuits shall be coated by resistant material in order to increase the electrical resistance of the surface, and to decrease the surging effect of moisture and fungus on unprotected insulating surfaces. The printed circuit board shall permit the replacement of components by soldering techniques without destroying the board surface.

3.1.2.3.3. Controls

In order to avoid wear and tear, no mechanically operating control elements shall be accepted for direct signal adjustment. In case of variable inputs, potentiometers shall be located on the front of the board, as to permit setting without removing the board or needing a card extender. In case the configuration includes Push buttons for input/output control and men/machine dialogue, the Push buttons shall be sealed and protected against environmental effects.

3.1.2.4. Equipment Cabinet

Equipment Cabinet shall be compact and completely fitted in a way, that plug-in units and modules need to be inserted and exterior cabling have to be connected to the respective distribution panels to assure a short installation time on site. Cabinet shall be light-weight and shall be designed to serve as a self-supporting container for transportation. Cabinet material shall be non-corrosive.

3.1.3. Environmental Requirements

Outdoor elements, structures and others shall be designed and constructed to withstand site typical effects as salt, rain, hail, thunderstorms, and attacks of small to medium animals without damage or noticeable deformation.

3.1.3.1. Wind

The DME antenna structures shall withstand wind velocities up to 160 km/h for operation (survival 200 km/h, survival 144 km/h with 1.5 cm ice load).

3.1.3.2. Ice Loading

Ice loads up to 5 cm thickness shall not cause any damage to shelters and antenna structures.

3.1.3.3. Antenna Cover

Antenna elements shall be protected.

3.1.3.4. Temperature Variation

All equipment shall operate within their specifications (without damage or malfunction) during temperature variation as follows:

- Indoor equipment: -10°C to + 55°C
- Outdoor equipment: -30°C to + 55°C

3.1.4. Quality Assurance

3.1.4.1. Certifications

The equipment shall be of an ISO 9000 certified manufacturer. The production of the proposed NAVAIDS shall fall under the ISO 9000 certificate. Hardware and software design, quality assurance in the production process, as well as documentation shall be in line with ISO 9000 series.

3.1.5. Main Features of the Equipment

- It shall comply with the ICAO specifications in Annex 10.
- It shall be housed in a single cabinet.
- It shall be powered both from AC mains and from standard 48 V batteries, with built - in battery charger.

- It shall be fully dual, being composed of two configurable-power transponders and two microprocessor-controlled monitoring modules. It shall be completely modular.
- Its distance information accuracy preferred shall be up to ± 15 m.
- It shall be capable of executing a resident diagnostic program to help the operator in locating a failure. It shall be controlled through a Personal Computer (PC) at remote site (beacon site), which can be duplicated at local site (Paro);
- The PCs/Desktops for RCMS should be fixed systems for regular maintenance but also include a portable (laptop) unit that can be connected as needed for maintenance purposes.
- The DME shall be connected to a Remote Control and Monitoring Network System (Desktops and Laptops), for interfacing and controlling the whole DME system.
- The DME shall be connected to Remote Monitoring Unit for the Air Traffic Controller at Control Tower, PIA.

4. Functional Requirements of the system

4.1.A set of DME Nav-Aid System shall consist of the following minimum parts but not limited to:

- Dual Transponder
- Dual Monitor
- Dual Power Supply Built-in DC backup power supply for ≥ 4 hours backup Included
- Control Unit
- DME Antenna System (Omni Directional)
- RF cables and associated accessories
- Remote Monitoring Unit (RMU) for Control Tower
- Accessories including cables and connectors.

4.2. Remote Control and Maintenance/Monitoring System

- Remote Control and Maintenance System shall consists of 2 PCs and 2 laptops for maintenance.
- Remote Control and Maintenance System shall consists of 2 Remote Control Monitoring Unit.
- The I/O devices, which interface the operator in the local site, shall be a Remote Monitoring and Maintenance System with Personal Computer and the Personal Computer shall allow the operator to completely control and monitor the beacon. It shall perform the same operations of the remote site Personal Computer.
- At the local site the communication between the PC and equipment shall take place through LAN connection.
- The RCMS PC at local site shall communicate directly with the remote site equipment through microwave link using the existing RAD MEGAPLEX-4104. The PC at remote site shall be linked to the system through an RS-232 serial line or LAN at remote site.
- The bidder shall be responsible for any configuration required in the existing system/equipment for the establishment of successful communication link between the local and remote site.

- Control the operational parameters with Windows compatible software (RMMS/LMMS) which shall be installed in all PC's and Laptops to function as RCMS.

4.3.DME shall be controlled through a fixed Personal Computer (PC) at beacon site, which can be duplicated at local site and it should also be portable unit (Laptops) to be connected only when required for maintenance reasons.

4.4.A List of "Manufacturer recommended Spare Parts" that is not essential at this stage but desirable to procure for long-term maintenance shall be quoted separately. The Department may procure such spares as and when required during the project period. The price of such spare parts will not be included during the evaluation.

4.5. Operation

- Operator's interface shall consist of a PC terminal connected with the equipment. Control of the equipment and of its parts, tests and measurements, diagnostics and pre-setting of all equipment's parameters shall be performed via keyboard. The basic control of the beacon (on/off, changeover) shall be possible, however, even when the PC is disconnected.

5. Technical Specifications

5.1.DME technical specifications are listed in the following table

RF frequency stability	0.0010%
Output Power	≥ 1 KW
Receiver Sensitivity	< -94 dBm as measured at DME output connector
Reply Efficiency	> 70 %
Frequency	960 MHz to 1215 MHz
Rise time	2.5 ± 0.5 μ s
Input AC	230 V
AC Frequency	48 to 64 Hz

5.2. PCs and maintenance laptop technical specifications are listed in the following table:

CPU	Intel Core i7, latest generation
GPU	GeForce RTX 16 GB
RAM	32 GB DDR5
SSD	1000 GB
Operating System	Windows 11 Professional
Connection	Wireless LAN, LAN, Bluetooth
Display size for laptop only but the display type shall apply to monitor of the PC too	≤ 14 inch WXGA (1366x768) LED Backlight anti-glare or better

5.3. Antenna System

The antenna for DME shall be a 9 dB gain omni directional. The antenna shall be a sturdy, corrosion-protected unit well suited to withstand adverse environmental conditions like high wind speed (up to 160 Km/h), extreme temperatures (-40 up to +70 deg/C), salt fog, rain, hailstones (up to at least 1 cm diameter), snow and ice (2.5 cm max.). The antenna shall be easily mounted on top of a steel pole.

5.4. Installation Accessories and Test Equipment:

5.4.1. For successful implementation of DME system, bidder shall propose and provide adequate installation accessories including lightning protection system for the antenna.

5.4.2. The Bidder shall provide the tools and test equipment required for installation & commissioning of the system.

6. Installation, testing, commissioning and ground check support

6.1. When installing Distance Measuring Equipment (DME), it is crucial to ensure that the connections between the system and the antenna are correctly impedance matched. This precise matching is essential for optimal performance and to prevent signal degradation. The following key considerations shall be met:

6.1.1. **Impedance Matching:** Ensure the impedance of the cable matches the impedance of both the DME system and the antenna. Proper impedance matching helps to minimize reflections and maximize power transfer.

6.1.2. **VSWR Monitoring:** Maintain the VSWR at or below 1.5, or as recommended by the equipment manufacturer. A higher VSWR indicates more power being reflected back toward the source, which can result in signal loss and potential damage to the equipment.

6.1.3. **Cable and Connector Quality:** Use high-quality cables and connectors to minimize power loss. Ensure all connections are secure and free from defects. Any installation defect, such as a poor connection or damaged cable, can lead to increased power loss and system inefficiencies.

6.1.4. **On-Site Verification:** After installation, practical measurements should be conducted on-site to verify that the system operates within the specified parameters. Utilize appropriate software tools to check the impedance matching, VSWR, and overall system performance. The successful bidder must carry out this verification in presence of the Project Engineer (DoAT) to ensure compliance with the above criteria. A report for the same shall be submitted which should be verified by the Project Engineer (DoAT).

6.2. The bidder shall be responsible for the installation of all equipment, successful communications between local (Paro) and remote (JJ peak) sites, cabling, equipment racks and accessories necessary to make an integrated system work.

6.3. All installations must be conducted in the presence of DoAT Engineers, who will verify the work in accordance with the Terms of Reference.

- 6.4. All installation materials, services, personnel teams, test equipment, and tools required to be essential for the installation of the equipment/system shall be provided by the bidder.
- 6.5. The bidder shall be responsible for proper laying and termination of all the cables, conduit, and associated connectors. All cables and connectors shall be properly labelled for easy identification.
- 6.6. The bidder shall be responsible for all the civil works (site- specific) without additional cost to DoAT.
- 6.7. The cost of fares, accommodation, workers' accident insurance, and subsistence and any other related costs incurred during the installation and commissioning phase shall be the responsibility of the bidder.
- 6.8. The bidder shall provide ground support for the calibration and commissioning of DME during flight inspection service (FIS) and provide the report for same to the department.
- 6.9. The project shall be considered successful only after completion of flight inspection service.

7. Training

- The bidder shall provide maintenance and operation training at OEM for Three engineers for minimum of 7 days before the installation and commissioning of the system.
- The training must be provided for the exact model being supplied for the project.
- All expenditures and arrangements for travel (including airfare, transportation, visa fees, and visa processing fees) to the original manufacturing/principal company of the equipment for the maintenance and operation training shall be the responsibility of the bidder. The Daily Subsistence Allowance (DSA) provided by the bidder shall comply with the rates approved by the Royal Government of Bhutan (RGoB) for Ex-Country travel of civil servants.
- On-site training for the engineers shall be provided by the bidder.
- All the training materials shall be provided by bidder to the participants during training.

8. Technical Documentation

- The technical manual delivered with the system shall be composed of three parts: operator's instructions, maintenance instructions; part lists and schematics. All results of final tests on the equipment shall be collected in the Acceptance Test Data Book, which shall be delivered with the equipment.

9. Warranty: There shall be a complete warranty for the whole system for at least one year.