

GOVERNMENT OF ASSAM
PROJECT MANAGEMENT UNIT (PMU)
ASSAM PROJECT ON FOREST AND BIODIVERSITY CONSERVATION SOCIETY (APFBCS)
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***Project: AFD financed Assam Project on Forest & Biodiversity
Conservation - Phase II***

**BIDDING DOCUMENT
FOR
PROCUREMENT OF GOODS
INTERNATIONAL PROCUREMENT COMPETITION**

**PROCUREMENT OF DRONE FOR FOREST
RESOURCE ASSESSMENT**

IFB No: APFBC/PMU/Phase-II/PD/2023/326/Part-II

Dated: 14th August 2024.

Bidding Document Issued from: 17th August 2024.

Government of Assam
AFD financed
Assam Project on Forest & Biodiversity Conservation- Phase II
Assam Project on Forest & Biodiversity Conservation Society (APFBCS)
Aranya Bhawan, Panjabari, Guwahati- 781037; Website: www.apfbcn.nic.in; Email: pd@apfbcn.in;

INVITATION FOR BIDS (IFB)
INTERNATIONAL PROCUREMENT COMPETITION (IPC)

IFB No. APFBC/PMU/Phase-II/PD/2023/326/Part-II/5, Dated Guwahati the 14th August 2024.

Contract Title: PROCUREMENT OF DRONE FOR FOREST RESOURCE ASSESSMENT.

The Assam Project on Forest and Biodiversity Conservation Society (APFBCS) has received funds from Agence Française de Développement ("AFD") towards the cost of "Assam Project on Forest and Biodiversity Conservation-Phase II". The Project Director, APFBCS invites Bids from eligible bidders for the supply of one (1) set of drone and related payload and other items for Forest Resource Assessment under the project. Hard copy of the Bidding document may be purchased in the manner specified on the website of APFBCS or the Bidding document may be downloaded free of cost from the website of APFBCS viz. www.apfbcn.nic.in from **17th August, 2024 to 16th September, 2024**. Detailed IFB Notice may be seen on the website of APFBCS.

1. Last date and time of submission of Bid **16th September 2024 (14.00 hrs-IST)**
2. Date and time of opening of Technical Bid **16th September 2024 (14.15 hrs-IST)**

Sd/-
Project Director
PMU, APFBC Society

INTERNATIONAL PROCUREMENT COMPETITIVE (IPC)
INVITATION FOR BID (IFB)

Date: 14th August 2024.

Project Name: Assam Project on Forest and Biodiversity Conservation-Phase II.

IFB No: APFBC/PMU/Phase-II/PD/2023/326/Part-II/5-A

1. The Assam Project on Forest and Biodiversity Conservation Society (APFBCS) has received funds from Agence Française de Développement ("AFD") towards the cost of "Assam Project on Forest and Biodiversity Conservation- Phase II". It is intended that part of the proceeds of these funds will be applied to eligible payments under the contracts for "Procurement of drone and related payload and other items for Forest Resource Assessment".
2. The Project Director, PMU, APFBCS invites sealed bid from eligible bidders in a 2 bid format (technical and financial) contained in a single envelope for the 'Procurement of one (1) set of drone and related payload and other items for Forest Resource Assessment ("the Goods"):

Sl.	Contract	Quantity
1	APFBC/PMU/Phase-II/PD/2023/326/Part-II/Forest Resource Assessment	1 set

2. Interested eligible Bidders may obtain further information from and inspect the Bidding Document at the office of the Project Director, PMU, APFBCS, Aranya Bhawan, Panjabari, Guwahati – 781037 (Assam), Telephone: +91-361-2733917, Email: pd@apfbcn.in ; Website: www.apfbcn.nic.in.
3. A complete set of Bidding Document may be purchased by interested Bidders on submission of a written application to the above and upon payment of a non-refundable fee of INR 3,540/- (Fee INR 3,000/- plus GST INR 540/-) only in the form of Demand Draft in favour of the "Assam Project on Forest and Biodiversity Conservation- Phase II" payable at Guwahati, Assam. Bidding Document may also be downloaded free of cost from the website of APFBCS viz. www.apfbcn.nic.in. In case the Bidding Document is downloaded from website, the non-refundable fee is **not** required.
4. The provisions in the Instructions to Bidders and in the General Conditions of Contract are the provisions of AFD's Standard Bidding Documents: Procurement of Goods.
5. Bid must be delivered to the above office on or before 14:00 Hours IST on **16th September 2024** and must be accompanied by Bid Security of the sum as under:

Sl.	Bid Security Amount in Indian Rupees
1	INR 0.09 Million

6. Technical Bids will be opened in the presence of Bidders' representatives who choose to attend at 14:15 Hours IST on **16th September 2024** at the same address.
7. **Pre-Qualification criteria:** Eligible bidders for AFD financed procurement, including all members of a Joint Venture, shall be from an eligible source country and shall satisfy mainly the qualifying criteria listed hereafter:

A) Technical:

- i) The bidder should be manufacturer/ authorized dealer of the drones and must have presence in India.
- ii) Should have experience in supplying of drones and associated payloads.

B) Financial:

- i) **Annual Turnover:** Minimum average annual turnover for the last 3 years (2022-23; 2021-22 & 2020-21).

Sl.	Minimum average annual turnover for the last 3 years
1	INR 8.85 Million

- ii) Demonstrate Current soundness of the Bidder's financial position based on the following criteria:

- a) Average liquidity ratio for the last three (3) years ≥ 1.1 ;
- b) Average indebtedness ratio for the last three (3) years $\leq 80\%$.

C) Legal and others:

- i) **History of Non-Performing Contracts:** Termination of a contract did not occur as a result of Bidder's default in the past five (5) years.
- ii) **Pending Litigation:** All pending litigation shall in total not represent more than one hundred percent (100%) of the Bidder's net worth.

Note: There are no post qualification criterions.

Sd/-
Project Director
PMU, APFBC Society

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PART 1-Bidding Procedures

Section I - Instructions to Bidders

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Section I - Instructions to Bidders

A. General

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|---|--|
| 1 Scope of Bid | <p>1.1 In connection with the Invitation for Bids, specified in the Bid Data Sheet (BDS), the Purchaser, as specified in the BDS, issues these Bidding Documents for the Procurement of Goods and Related Services incidental thereto as specified in Section VII, Schedule of Requirements. The name, identification of the contract of this International Procurement Competition (IPC) are specified in the BDS.</p> <p>1.2 Throughout these Bidding Documents:</p> <ul style="list-style-type: none">a) The term “in writing” means communicated in written form (e.g. by mail, e-mail, fax, telex) with proof of receipt;b) If the context so requires, “singular” means “plural” and vice versa; andc) “Day” means calendar day. |
| 2 Source of Funds | <p>2.1 The Purchaser specified in the BDS has applied for or received financing (hereinafter called “funds”) from the Agence Française de Développement (hereinafter called “the AFD”), toward the project named in BDS. The Purchaser intends to apply a portion of the funds to eligible payments under the contract for which these Bidding Documents are issued.</p> |
| 3 Corrupt and Fraudulent Practices | <p>3.1 The AFD requires compliance with its policy regarding corrupt and fraudulent practices as set forth in Section VI.</p> <p>3.2 In further pursuance of this policy, Bidders shall permit and shall cause its agents (where declared or not), sub-contractors, sub-consultants, service providers or suppliers and to permit the AFD to inspect all accounts, records and other documents relating to the submission of the application, bid submission, and contract performance (in the case of award), and to have them audited by auditors appointed by the AFD.</p> |
| 4 Eligible Bidders | <p>4.1 A Bidder may be a firm that is a private entity, a state-owned entity- subject to ITB 4.3- or any combination of such entities in the form of a joint venture (JV) under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent. In the case of a joint venture, all members shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms. The JV shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the bidding process and, in the event the JV is awarded the Contract, during contract execution.</p> <p>4.2 A Bidder shall not have a conflict of interest. Any Bidder found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest for the purpose of this bidding process, if the Bidder:</p> <ul style="list-style-type: none">(a) Directly or indirectly controls, is controlled by or is under common control with another Bidder; or(b) Receives or has received any direct or indirect subsidy from another Bidder; or(c) Has the same legal representative as another Bidder; or(d) Has a relationship with another Bidder, directly or through common third parties, that puts it in a position to influence the bid of another Bidder, or influence the decisions of the Purchaser regarding this bidding process; or(e) Participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which such Bidder is involved. However, this does not limit the inclusion of the same subcontractor in more than one bid; or |

- (f) Any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the goods that are the subject of the bid; or
- (g) Any of its affiliates has been hired (or is proposed to be hired) by the Purchaser for the Contract implementation; or
- (h) Has a close business or family relationship with a professional staff of the Purchaser (or of the project implementing agency, or of a recipient of a part of the funds) who: (i) are directly or indirectly involved in the preparation of the bidding documents or specifications of the contract, and/or the bid evaluation process of such contract; or (ii) would be involved in the implementation or supervision of such contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the AFD throughout the procurement process and execution of the contract.
- 4.3 The AFD's eligibility criteria to bid are described in Section V, Eligibility criteria.
- 4.4 A Bidder shall not be under suspension from bidding by the Purchaser as the result of the execution of a Bid-Securing Declaration.
- 4.5 A Bidder shall provide such evidence of eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.
- 5 Eligible Goods and Related Services**
- 5.1 All the Goods and Related Services to be supplied under the Contract and financed by the AFD may have their origin in any country in accordance with Section V, Eligibility Criteria.
- 5.2 For 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, 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 Sections 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 8.
- 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 – Eligibility Criteria
 - Section VI - AFD Policy – Corrupt and Fraudulent Practices –Environmental and Social Responsibility
- PART 2: Supply Requirements**
- Section VII – Schedule of Requirements
- PART 3: Conditions of Contract and Contract Forms**
- Section VIII – General Conditions of Contracts (GCC)
 - Section IX – Special Conditions of Contracts (SCC)
 - Section X – Contract Forms
- 6.2 The Invitation for Bids issued by the Purchaser is not part of the Bidding Documents.

- 6.3 Unless obtained directly from the Purchaser, the Purchaser is not responsible for the completeness of the Bidding Documents, responses to requests for clarification or Addenda to the Bidding Documents in accordance with ITB 8. In case of any contradiction, documents obtained directly from the Purchaser shall prevail.
- 6.4 The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents and to furnish with its Bid all information or documentation as is required by the Bidding Documents.
- 7. Clarification of Bidding Documents**
- 7.1 A Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address **specified in the BDS**. The Purchaser will respond in writing to any request for clarification, provided that such request is received no later than 14 (fourteen) days prior to the deadline for submission of bids. The Purchaser shall forward copies of its response to all Bidders who have acquired the Bidding Documents in accordance with ITB 6.3, including a description of the inquiry but without identifying its source. If so **specified in the BDS**, the Purchaser shall also promptly publish its response at the web page **identified in the BDS**. Should the clarification result in changes to the essential elements of the Bidding Documents, the Purchaser shall amend the Bidding Documents following the procedure under ITB 8 and ITB 22.2.
- 8. Amendment of Bidding Document**
- 8.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addenda.
- 8.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have obtained the Bidding Documents from the Purchaser in accordance with ITB 6.3. The Purchaser shall also promptly publish the addendum on the Purchaser's web page in accordance with ITB 7.1.
- 8.3 To give Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may, at its discretion, extend the deadline for the submission of bids, pursuant to ITB 22.2.

C. Preparation of Bids

- 9. Cost of Bidding**
- 9.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
- 10. Language of Bid**
- 10.1 The Bid, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Purchaser, shall be written in the language **specified in the BDS**. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages into the language **specified in the BDS**, in which case, for purposes of interpretation of the Bid, such translation shall govern.
- 11. Documents Comprising the Bid**
- 11.1 The Bid shall comprise the following:
- (a) Bid submission Form and the Bidding Forms in accordance with ITB 12;
 - (b) Completed schedules, in accordance with ITB 12 and 14;
 - (c) Bid Security or Bid-Securing Declaration, in accordance with ITB 19.1;
 - (d) Alternative bids, if permissible, in accordance with ITB 13;
 - (e) Written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 20.2;
 - (f) Statement of Integrity, Eligibility and Social and Environmental Responsibility duly signed, in accordance with ITB 12;
 - (g) Documentary evidence in accordance with ITB 17 establishing the Bidder's qualifications to perform the contract if its Bid is accepted;
 - (h) Documentary evidence in accordance with ITB 17 establishing the Bidder's eligibility to bid;

- (i) Documentary evidence in accordance with ITB 16, that the Goods and Related Services to be supplied by the Bidder are of eligible origin;
 - (j) Documentary evidence in accordance with ITB 16 and 29, that the Goods and Related Services conform to the Bidding Documents;
 - (k) Any other document **required in the BDS**.
- 11.2 In addition to the requirements under ITB 11.1, 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.
- 11.3 The Bidder shall furnish in the Bid Submission Form information on commissions and gratuities, if any, paid or to be paid to agents or any other party relating to this Bid.
- 12. Bid Submission Form, Bidding Forms and Statement of Integrity and Price Schedules**
 - 12.1 The Bid Submission Form, the Bidding Forms and the Statement of Integrity and Price Schedules shall be prepared using the relevant forms furnished in Section IV, Bidding Forms. The forms must be completed without any alterations to the text, and no substitutes shall be accepted except as provided under ITB 20.4. All blank spaces shall be filled in with the information requested.
- 13. Alternative Bids**
 - 13.1 Unless otherwise **specified in the BDS**, alternative bids shall not be considered.
- 14. Bid Prices and Discounts**
 - 14.1 In the Financial bid, the prices quoted by the Bidder in the Price Schedules shall conform to the requirements specified below.
 - 14.2 All items must be listed and priced separately in the Price Schedules.
 - 14.3 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 nonresponsive and shall be rejected, pursuant to ITB 29. However, if in accordance with the BDS, prices quoted by the Bidder shall be subject to adjustment during the performance of the Contract, a bid submitted with a fixed price quotation shall not be rejected, but the price adjustment shall be treated as zero.
 - 14.4 If so specified in ITB 1.1, bids are being invited for individual contract, unless otherwise **specified in the BDS**, prices quoted shall correspond to 100 % of the items specified for the contract and to 100% of the quantities specified for each item of a contract.
 - 14.5 The term CIP, DDP 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**.
 - 14.6 Prices shall be quoted as specified in each Price Schedule included in Section IV, Bidding Forms. The disaggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. In quoting prices, the Bidder shall be free to use transportation through carriers registered in any eligible country, in accordance with Section V, Eligibility Criteria. Similarly, the Bidder may obtain insurance services from any eligible country in accordance with Section V, Eligibility Criteria. Prices shall be entered in the following manner:
 - (a) For Goods manufactured in the Purchaser's Country:
 - (i) The price of the Goods quoted CIP named place of destination, 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; and
 - (ii) Any Purchaser's Country sales tax and other taxes which will be payable on the Goods if the contract is awarded to the Bidder.

- (b) For Goods manufactured outside the Purchaser's Country, to be imported:
 - (i) The price of the Goods, quoted CIP named place of destination, in the Purchaser's Country, **as specified in the BDS**; and
 - (ii) Any Purchaser's Country sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder.
- (c) For Goods manufactured outside the Purchaser's Country, already imported:
 - (i) The price of the Goods, quoted CIP named place of destination, excluding 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;
 - (ii) All custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported in the Purchaser's country, payable on the Goods, if the Contract is awarded to the Bidder;
 - (iii) Any Purchaser's Country sales and other taxes which will be payable on the Goods if the contract is awarded to the Bidder; and
- (d) For Related Services specified in Section III –Evaluation and Qualification Criteria:
 - (i) The price of each item comprising the Related Services (exclusive of any applicable taxes);
 - (ii) All custom duties, sales and other taxes applicable in the Purchaser's country, payable on the Related Services, if the Contract is awarded to the Bidder.

15. Currencies of Bid and Payment

15.1 The currency (ies) of the bid and the currency (ies) of payments shall be **as specified in the BDS**. The Bidder shall quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in the currency of the Purchaser's country, unless otherwise **specified in the BDS**.

16. Documents Establishing the Eligibility and Conformity of the Goods and Related Services

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

16.2 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and service standards specified in Section VII, Schedule of Requirements.

16.3 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 specification, and if applicable, a statement of deviations and exceptions to the provisions of the Section VII, Schedule of Requirements.

16.4 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period **specified in the BDS** following commencement of the use of the goods by the Purchaser. The itemized bill of material for all items, originals as well as spares and accessories need to be included as a separate document in the financial bid and should be as detailed as possible. The Price Schedule Form, included in Section IV shall contain rates of major assemblies only.

16.5 Standards for workmanship, process, material, and equipment, as well as

references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Section VII, Schedule of Requirements.

**17. Documents
Establishing the
Eligibility and
Qualifications of
the Bidder**

- 17.1 To establish Bidder's their eligibility in accordance with ITB 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.
- 17.2 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction:
- (a) That, if **required in the BDS**, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in the Purchaser's Country;
 - (b) That, if **required in the BDS**, in case of a Bidder not doing business within the Purchaser's Country, the Bidder is or will be (if awarded the contract) represented by an Agent in the country 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; and
 - (c) That the Bidder meets each of the qualification criterion specified in Section III, Evaluation and Qualification Criteria.

**18. Period of
Validity of Bids**

- 18.1 Bids shall remain valid for the period **specified in the BDS** after the bid submission deadline date prescribed by the Purchaser in accordance with ITB 22.1. A bid valid for a shorter period shall be rejected by the Purchaser as nonresponsive.
- 18.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security is requested in accordance with ITB Clause 19, it shall also be extended for twenty-eight (28) days beyond the deadline of the extended validity period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid, except as provided in ITB 18.3.
- 18.3 If the award is delayed by a period exceeding fifty-six (56) days beyond the expiry of the initial bid validity, the Contract price shall be determined as follows:
- (a) In the case of fixed price contracts, the Contract price shall be the bid price adjusted by the factor **specified in the BDS**;
 - (b) In the case of adjustable price contracts, no adjustment shall be made;
 - (c) In any case, bid evaluation shall be based on the bid price without taking into consideration the applicable correction from those indicated above.

19. Bid Security

- 19.1 The Bidder shall furnish as part of its bid, either a Bid-Securing Declaration or a bid security, as **specified in the BDS**, in original form and, in the case of a bid security, in the amount and currency **specified in the BDS**.
- 19.2 A Bid Securing Declaration shall use the form included in Section IV, Bidding Forms.
- 19.3 If a bid security is specified pursuant to ITB 19.1, the bid security shall be a demand guarantee in any of the following forms at the Bidder's option:
- (a) An unconditional guarantee issued by a bank or financial institution (such as an insurance, bonding or surety company);
 - (b) An irrevocable letter of credit;

- (c) A cashier's or certified check; or
- (d) Another security **specified in the BDS**;

from a reputable source from an eligible country as specified in Section V, Eligibility Criteria. If the unconditional guarantee is issued by a financial institution located outside the Purchaser's Country, the issuing financial institution shall have a correspondent financial institution located in the Purchaser's Country to make it enforceable. In the case of a bank guarantee, the bid security shall be submitted either using the Bid Security Form included in Section IV, Bidding Forms, or in another substantially similar format approved by the Purchaser prior to bid submission. The bid security shall be valid for twenty-eight (28) days beyond the original validity period of the bid, or beyond any period of extension if requested under ITB 18.2.

- 19.4 If a Bid Security is specified pursuant to ITB 19.1, any bid not accompanied by a substantially responsive Bid Security or Bid-Securing Declaration shall be rejected by the Purchaser as non-responsive.
- 19.5 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's signing the contract and furnishing the Performance Security pursuant to ITB 42.
- 19.6 The Bid Security of the successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the contract and furnished the required performance security.
- 19.7 The Bid Security may be forfeited or the Bid Securing Declaration executed:
 - (a) If a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Submission Form, or any extension thereto provided by the Bidder; or
 - (b) If the successful Bidder fails to:
 - (i) Sign the Contract in accordance with ITB41; or
 - (ii) Furnish a performance security in accordance with ITB 42.
- 19.8 The Bid Security or Bid- Securing Declaration of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted into a legally enforceable JV at the time of bidding, the Bid Security or Bid-Securing Declaration shall be in the names of all future members as named in the letter of intent referred to in ITB 4.1 and ITB 11.2.
- 19.9 If a bid security is **not required in the BDS**, pursuant to ITB 19.1, and:
 - (a) If a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Submission Form, or any extension thereto provided by the Bidder; or
 - (b) If the successful Bidder fails to: sign the Contract in accordance with ITB 41; or furnish a performance security in accordance with ITB 42;

the Purchaser may, **if provided for in the BDS**, declare the Bidder ineligible to be awarded a contract by the Purchaser for a period of time **as stated in the BDS**.

20. Format and Signing of Bid

- 20.1 The Bidder shall prepare one original of the documents comprising the bid as described in ITB 11 and clearly mark it "ORIGINAL." Alternative bids, if permitted in accordance with ITB 13, shall be clearly marked "ALTERNATIVE." In addition, the Bidder shall submit copies of the bid, in the number **specified in the BDS** and clearly mark them "COPY." In the event of any discrepancy between the original and the copies, the original shall prevail.
- 20.2 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation **as specified in the BDS** and shall be attached to the bid. The name and position held by each person signing

the authorization must be typed or printed below the signature. All pages of the bid where entries or amendments have been made shall be signed or initialed by the person signing the bid.

- 20.3 In case the Bidder is a JV, the Bid shall be signed by an authorized representative of the JV on behalf of the JV, and so as to be legally binding on all the members as evidenced by a power of attorney signed by their legally authorized representatives. If the JV has not been legally constituted into a legally enforceable JV at the time of bidding, then the Bid shall be signed by every member of the proposed JV.
- 20.4 Any inter-lineation, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the bid.

D. Submission and Opening of Bids

21. Sealing and Marking of Bids

- 21.1 The bidder shall submit two inner sealed envelopes namely, technical bid envelope and financial bid envelope inside a main sealed envelope. This will form a complete bid.
- 21.2 The financial bid envelope shall contain price schedule forms included in Section IV, Bidding forms. Itemized bill of materials as required in ITB 16.4 shall also form part of the financial bid envelope.
- 21.3 The technical bid envelope shall contain all the forms of Section IV (Bidding forms) except the price schedule forms. It shall also contain forms related to pre-qualification Criteria (Section III), and Schedule of Requirements (Section VII). Any other technical information required in the tender document shall also be included in technical bid envelope.
- 21.4 The Bidder shall enclose the original and all copies of the bid, including alternative bids, if permitted in accordance with ITB 13, in separate sealed envelopes, duly marking the envelopes as "ORIGINAL", "ALTERNATIVE" and "COPY". These envelopes containing the original and the copies shall then be enclosed in one single envelope.
- 21.5 The main envelope as well as inner envelopes shall:
- (a) Bear the name and address of the Bidder;
 - (b) Be addressed to the Purchaser in accordance with ITB 22.1;
 - (c) Bear the specific identification of this bidding process indicated in ITB 1.1, inner envelopes should also mention the type of the bid (technical or financial).
- 21.6 If all envelopes are not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the bid.

22. Deadline for Submission of Bids

- 22.1 Bids must be received by the Purchaser at the address and no later than the date and time **specified in the BDS. When so specified in the BDS**, bidders shall have the option of submitting their bids electronically. Bidders submitting bids electronically shall follow the electronic bid submission procedures **specified in the BDS**.
- 22.2 The Purchaser may, at its discretion, extend the deadline for the submission of bids by amending the Bidding Documents in accordance with ITB 8, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

23. Late Bids

- 23.1 The Purchaser shall not consider any bid that arrives after the deadline for submission of bids, in accordance with ITB 22. Any bid received by the Purchaser after the deadline for submission of bids shall be declared late, rejected, and returned unopened to the Bidder.

24. Withdrawal, Substitution, and Modification of Bids

- 24.1 A Bidder may withdraw, substitute, or modify its Bid after it has been submitted by sending a written notice, duly signed by an authorized representative, and shall include a copy of the authorization (the power of attorney) in accordance with ITB 20.2. The corresponding substitution or modification of the bid must accompany the respective written notice. All notices must be:

- (a) Prepared and submitted in accordance with ITB 20 and 21 (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 Purchaser prior to the deadline prescribed for submission of bids, in accordance with ITB 22.

24.2 Bids requested to be withdrawn in accordance with ITB 24.1 shall be returned unopened to the Bidders.

24.3 No bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid Submission Form or any extension thereof.

25. Bid Opening

25.1 Except as in the cases specified in ITB 23 and 24, the Purchaser shall open the main envelope and read out in accordance with ITB 25 all bids received by the deadline (regardless of the number of bids received), at the date, time and place **specified in the BDS** in the presence of Bidders' designated representatives. Any specific electronic bid opening procedures required if electronic bidding is permitted, in accordance with ITB 22.1, shall be as **specified in the BDS**.

25.2 First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding bid shall not be opened but 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, and the substituted Bid shall not be opened, but 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 bids that are opened and read out at Bid opening shall be considered further.

25.3 Technical envelopes contained in the main envelopes shall then be opened one at a time, reading out: the name of the Bidder and whether there is a modification if applicable, including any alternative bids; the presence or absence of a Bid Security and other forms. Only alternative bids read out at Bid opening shall be considered for evaluation. The Bid Submission Form and all the other forms of the technical bid are to be initialed by a minimum of three representatives of the Purchaser attending bid opening. The Purchaser shall neither discuss the merits of any bid nor reject any bid (except for late bids, in accordance with ITB 23.1).

25.4 The Purchaser shall prepare a record of the bid opening that shall include, as a minimum: the name of the Bidder and whether there is a withdrawal, substitution, or modification; including alternative bids; and the presence or absence of a Bid Security and other forms. The Bidders' representatives who are present shall be requested to sign an attendance sheet to be attached with the record. The omission of a Bidder's signature on the record shall not invalidate the contents and effect of the record. A copy of the record may be distributed to the substantially responsive (in accordance with ITB 29) bidders at a later stage.

E. Evaluation and Comparison of Bids

26. Confidentiality

26.1 Information relating to the examination, evaluation, and comparison of the bids, and qualification of the Bidders and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with the bidding process until information on Contract Award is communicated to all

Bidders in accordance with ITB 40.

- 26.2 Any attempt by a Bidder to influence the Purchaser in the examination, evaluation, and comparison of the bids, and qualification of the bidders, or contract award decisions may result in the rejection of its Bid.
- 26.3 Notwithstanding ITB 26.2, from the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it shall do so in writing.

27. Clarification of Bids

- 27.1 To assist in the examination, evaluation, comparison of the bids, and qualification of the Bidders, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid, given a reasonable time for a response. Any clarification submitted by a Bidder that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change, including any voluntary increase or decrease, in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids, in accordance with ITB 31.
- 27.2 If a Bidder does not provide clarifications of its Bid by the date and time set in the Purchaser's request for clarification, its Bid may be rejected.

28. Deviations, Reservations, and Omissions

- 28.1 During the evaluation of bids, the following definitions apply:
- (a) "Deviation" is a departure from the requirements specified in the Bidding Documents;
 - (b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Documents; and
 - (c) "Omission" is the failure to submit part, or all of the information or documentation required in the Bidding Documents.

29. Determination of Responsiveness

- 29.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself, as defined in ITB 11 and ITB 21.
- 29.2 A substantially responsive Bid is one that meets the requirements of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:
- (a) If accepted, would:
 - (i) Affect in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or
 - (ii) Limit in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the proposed Contract; or
 - (b) If rectified, would unfairly affect the competitive position of other bidders presenting substantially responsive bids.
- 29.3 To determine substantial responsiveness of a bid, as a first step, the Purchaser shall examine the bids for meeting the pre-qualification criteria (Section III). Then only the pre-qualified bids shall be examined for compliance to the requirements of Section VII, Schedule of Requirements as per the procedure and checklist mentioned therein (ITB 16). The bidders who pre-qualify shall be intimated for Product demonstration etc. as mentioned in Schedule VII.
- 29.4 If a bid is not substantially responsive to the requirements of the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.

30. Nonconformities, Errors and Omissions

- 30.1 Provided that a Bid is substantially responsive, the Purchaser may waive any nonmaterial non conformities in the Bid.
- 30.2 Provided that a bid is substantially responsive, the Purchaser may request that

the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities in the bid related to documentation requirements. Requesting information or documentation on such nonconformities 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.

30.3 Provided that a bid is substantially responsive, the Purchaser shall rectify quantifiable nonmaterial nonconformities related to the Bid Price. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component.

31. Correction of Arithmetical Errors

31.1 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:

- (a) If there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the 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 (a) and (b) above.

31.2 Bidders shall be requested to accept correction of arithmetical errors. Failure to accept the correction in accordance with ITB 31.1 shall result in the rejection of the Bid.

32. Conversion to Single Currency

32.1 For evaluation and comparison purposes, the currency(ies) of the Bid shall be converted in a single currency as **specified in the BDS**.

33. Margin of Preference

33.1 **Unless otherwise specified in the BDS**, a margin of preference shall not apply.

34. Evaluation of Financial Bids

34.1 The financial bids for substantially responsive bids shall be opened on a date as determined by the purchaser. The purchaser shall intimate all the substantially responsive bidders of such a date beforehand. The Purchaser shall use the criteria and methodologies listed in this Clause. No other evaluation criteria or methodologies shall be permitted.

34.2 To evaluate a substantially responsive Bid, the Purchaser shall consider the following:

- (a) The Bid Price as quoted in accordance with clause 14;
- (b) Price adjustment for correction of arithmetic errors in accordance with ITB 31.1;
- (c) Price adjustment due to quantifiable nonmaterial nonconformities in accordance with ITB 30.3;
- (d) Converting the amount resulting from applying (a) to (d) above, if relevant, to a single currency in accordance with ITB 32;
- (e) The additional evaluation factors like pre-qualification criteria as specified in Section III, Evaluation and Qualification Criteria.

34.3 The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be taken into account in bid evaluation.

34.4 The Purchaser's evaluation of a bid will exclude and not take into account:

	<p>(a) In the case of Goods manufactured in the Purchaser's Country, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Bidder;</p> <p>(b) In the case of Goods manufactured outside the Purchaser's Country, already imported or to be imported, customs duties and other import taxes levied on the imported Good, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Bidder;</p> <p>(c) In the case of Related Services, customs duties and sales and other similar taxes that will be payable on the Related Services if the contract is awarded to the Bidder;</p> <p>(d) Any allowance for price adjustment during the period of execution of the contract, if provided in the bid.</p>
	<p>34.5 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the Bid Price quoted in accordance with ITB 14. 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 criteria and methodologies to be used shall be as specified in Section III, Evaluation and Qualification Criteria.</p> <p>34.6 If the bid, which results in the lowest Evaluated Bid Price, is significantly lower than the Purchaser's estimate, the Purchaser shall require the Bidder to produce detailed price analyses for any or all items of the Price Schedules, to demonstrate the internal consistency of those prices with the supply requirements and the method and schedule proposed. If one or several inconsistencies are evidenced, the bid shall be declared non-compliant and rejected.</p>
35. Comparison of Bids	<p>35.1 The Purchaser shall compare the evaluated prices of all substantially responsive bids established in accordance with ITB 34.2 to determine the lowest evaluated bid.</p>
36. Qualification of the Bidder	<p>36.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid meets the pre as well as post-qualifying criteria, if any, specified in Section III, Evaluation and Qualification Criteria.</p> <p>36.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB 17.</p> <p>36.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser may proceed to the next lowest evaluated bid to make a similar determination of that Bidder's post-qualifications, if any to perform satisfactorily.</p>
37. Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids	<p>37.1 The Purchaser reserves the right to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders. In case of annulment, all bids submitted and specifically, bid securities, shall be promptly returned to the Bidders.</p>
F. Award of Contract	
38. Award Criteria	<p>38.1 Subject to ITB 37.1, the Purchaser shall award the Contract to the Bidder whose bid has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.</p>

- 39. Purchaser's Right to Vary Quantities at Time of Award**
- 39.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in Section VII, Schedule of Requirements, provided this does not exceed the percentages **specified in the BDS**, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.
- 40. Notification of Award**
- 40.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. The notification letter (hereinafter and in the Conditions of Contract and Contract Forms called the "Letter of Acceptance") shall specify the sum that the Purchaser will pay the Supplier in consideration of the supply of Goods (hereinafter and in the Conditions of Contract and Contract Forms called "the Contract Price"). At the same time, the Purchaser shall also notify all other Bidders of the results of the bidding.
- 40.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract.
- 40.3 The Purchaser shall promptly respond in writing to any unsuccessful Bidder who, after notification of award in accordance with ITB 40.1, requests in writing the grounds on which its bid was not selected.
- 41. Signing of Contract**
- 41.1 Promptly after notification, the Purchaser shall send the successful Bidder the Contract Agreement.
- 41.2 Within twenty-eight (28) days of receipt of the Contract Agreement, the successful Bidder shall sign, date, and return it to the Purchaser.
- 41.3 Notwithstanding ITB 41.2 above, in case signing of the Contract Agreement is prevented by any export restrictions attributable to the Purchaser, to the country of the Purchaser, 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 Purchaser and of the AFD 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 licenses necessary for the export of the products/goods, systems or services under the terms of the Contract.
- 42. Performance Security**
- 42.1 Within twenty-eight (28) days of the receipt of notification of award from the Purchaser, the successful Bidder shall furnish the Performance Security in accordance with the GCC, using for that purpose the Performance Security Form included in Section X, Contract Forms, or another Form acceptable to the Purchaser. If the Performance Security furnished by the successful Bidder is in the form of a bond, it shall be issued by a bonding or insurance company that has been determined by the successful Bidder to be acceptable to the Purchaser. A foreign institution providing a bond shall have a correspondent financial institution located in the Purchaser's Country.
- 42.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security or execution of the Bid-Securing Declaration. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose bid is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

Section II-Bid Data Sheet (BDS)

A. Introduction	
ITB 1.1	The number of the Invitation for Bids is: APFBC/PMU/Phase-II/PD/2023/326/Part-II/5
ITB 1.1	The Purchaser is: Assam Project on Forest and Biodiversity Conservation Society (APFBCS), represented by the Project Director, PMU, APFBCS.
ITB 1.1	The name and identification number of the IPC is: Procurement of Drone for Forest Resource Assessment The identification number of the IPC is: APFBC/PMU/Phase-II/PD/2023/326/Part-II/5 The number and identification of the contract comprising this IPC is: APFBC/PMU/Phase-II/PD/2023/326/Part-II/Forest Resource Assessment
ITB 2.1	<i>The name of the Project is: Assam Project on Forest and Biodiversity Conservation- Phase II.</i>
ITB 4.1	Maximum number of members in the JV shall be: 2(two) Nos.
B. Bidding Documents	
ITB 7.1	Clarifications may be requested no later than 2nd September 2024. The contact information for requesting clarifications is: Attention: Project Director, PMU, APFBC Society Address: Aranya Bhawan, Panjabari, Guwahati – 781037 (Assam) Telephone: +91-361-2733917. Electronic mail address: pd@apfbc.in .
ITB 7.1	Web page: <u>Assam Project on Forest and Biodiversity Conservation (www.apfbc.nic.in)</u>
ITB 7.1	A Pre-Bid meeting shall take place at the following date, time and place: Date: 30th August 2024. Time: 11:30 Hours IST Place: Aranya Bhawan, Panjabari, Guwahati – 781037 (Assam).
C. Preparation of Bids	
ITB 10.1	The language of the Bid is: English All correspondence exchange shall be in the English language. Language for translation of supporting documents and printed literature is English.
ITB 11.1(k)	The Bidder shall submit with its Bid the following additional documents: Not Applicable
ITB 13.1	Alternative Bids shall not be permitted.
ITB 14.3	The prices quoted by the Bidder shall be: Fixed
ITB 14.5	The Incoterms edition is Incoterms 2010. However, the definition of the place and date associated with “delivery” is modified as follows: (a) Under “CIP” Incoterms defines “delivery” as the place and date where risk transfers from the seller to the buyer; (b) In these Bidding Documents, when using “CIP” and not referring to the transfer of risk, the term “delivery” shall be interpreted as the date and place where the Goods and Related Services arrive at the <u>named place of destination</u> , and this date should be reflected in the Delivery and Completion Schedule.
ITB 14.6 (b) (i)	Named Place of Destination: Guwahati
ITB 15.1	The prices shall be quoted by the bidder in: Indian Rupees(INR) The Bidder is required to quote in the currency of the Purchaser’s Country the portion of the bid price that corresponds to expenditures incurred in that currency.
ITB 16.4	Service Standards: The period of time for repair or replacement shall be: Minor Repair - < 2 days Major Repair - < 10 days Replacement of sensor - < 1 month (in case of imported items)
ITB 17.2 (a)	Manufacturer’s authorization is: Required.
ITB 17.2 (b)	After sales service is: Required
ITB 18.1	The Bid Validity Period shall be 120 days.
ITB 18.3(a)	The Bid Price shall be adjusted as will be indicated in the request for Bid validity extension.
ITB 19.1	A Bid Security shall be required.

	A Bid-Securing Declaration shall not be required. The amount and currency of the Bid security shall be: INR 0.09 Million
ITB 19.3(d)	Other types of acceptable securities: None
ITB 19.9	- Deleted -
ITB 20.1	In addition to the <u>original</u> of the Bid, the number of copies is: one (1) paper copy and one (1) digital copy (.pdf in a pen-drive).
ITB 20.2	The written confirmation of authorization to sign on behalf of the Bidder shall consist of: Power of Attorney established in the name of the signatory of the Bid
D. Submission and Opening of Bids	
ITB 22.1	For <u>Bid submission purposes</u> only, the Employer's address is: Attention: Project Director, PMU, APFBC Society Address: Aranya Bhawan, Panjabari, Guwahati – 781037 (Assam) The deadline for Bid submission is: Date: 16th September 2024. Time: 14:00 Hours IST Bidders shall not have the option of submitting their Bids electronically.
ITB 25.1	The Bid opening shall take place at: Address: Aranya Bhawan, Panjabari, Guwahati – 781037 (Assam) Date: 16th September 2024. Time: 14:15 Hours IST No minimum number of Bids is required in order to proceed to Bid opening.
E. Evaluation and Comparison of Bids	
ITB 32.1	The currency that shall be used for Bid evaluation and comparison purposes to convert all Bid price(s) expressed in various currencies into a single currency is: Indian Rupee (INR) The source of exchange rate shall be: Reserve Bank of India The date for the exchange rate shall be seven (7) days prior to the date of deadline for Bid submission.
ITB 33.1	A margin of preference shall not apply If a margin of preference applies, the application methodology shall be defined in Section III - Evaluation and Qualification Criteria.
ITB 34.2	Contract Evaluation: Least price shall be the sole determining criteria for the allotment of contract amongst substantially responsive bids. 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 highest price of the item quoted by substantially responsive bidders will be added to the bid price and the equivalent total cost of the bid so determined will be used for price comparison.
ITB 35.2	Evaluation of substantially responsive bids will be done on the basis of prices excluding GST
ITB 35.4	Financial letter of bid.
F. Award of Contract	
ITB 39.1	The maximum percentage by which quantities may be increased/ decreased is: 15%
ITB 40.1	The publication of the contract award information will be published on www.apfbcn.nic.in The publication will be done within 15 days after the contract signing.

Section III -Evaluation and Qualification Criteria

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser may use to evaluate a bid and determine whether a Bidder has the required qualifications. No other criteria shall be used.

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1 Evaluation

1.1 Evaluation Criteria

The Purchaser's evaluation of Bids for Goods may take into account, in addition to the Bid Price quoted in accordance with ITB Clause 14.8, one or more of the following factors as specified in ITB Sub-Clause 34.2 (f), using the following criteria and methodologies.

- a) **Product evaluation:** The qualifying bidder must be in conformity with the specification of the items and the methodology of the demonstration of the product as mentioned in the section VII of the bid document. The Bidder would be required to showcase the product demonstration anywhere in the State of Assam on a "No Cost No Commitment" basis. The schedule of demonstration will be notified to all qualified bidders. This shall form part of the substantial responsiveness of the bid.
- b) **Delivery Schedule:** The Goods specified in the List of Goods are required to be delivered within the acceptable time range (after the earliest and before the final date, both dates inclusive) specified in Section VII, Delivery Schedule. No credit will be given to deliveries before the earliest date, and bids offering delivery after the final date shall be treated as non-responsive. Within this acceptable period, an adjustment will be added, for evaluation purposes only, to the bid price of bids offering deliveries later than the "Earliest Delivery Date" specified in Section VII, Schedule of Requirements – Delivery Schedule as follows: *[0.5% of the bid price per week]*.
- c) **Cost of major replacement components, and mandatory spare parts:** The list of items and quantities of major assemblies, components, and selected spare parts, likely to be required during the initial period (one year) of operation specified in the BDS sub-clause 16.4 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.
- d) **Operating and/or Maintenance Costs:** An adjustment to take into account the extended operating and/or maintenance costs of the Goods will be added to the Bid Price, for evaluation purposes. The adjustment will be calculated by- Aggregating the operating and/or maintenance average annual rate priced by the Bidder in its Bid over a period of minimum of two years. The price shall be inclusive of following items: 2 years onsite comprehensive warranty, accidental insurance, software upgrade/update, help-desk support during business hours, and logistics inclusive of shipping for repairs/replacement. The cost shall be quoted item wise.

The Purchaser shall:

- (a) Evaluate only bids that include at least the percentages of items and quantity per item as specified in ITB Sub Clause 14.6;
- (b) Take into account:
 - (i) The lowest-evaluated substantially responsive bid; and
 - (ii) Least price shall be the sole determining criteria for the allotment of contract amongst substantially responsive bids. 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 highest price of the item quoted by substantially responsive bidders will be added to the bid price and the equivalent total cost of the bid so determined will be used for price comparison.

2 Pre-Qualification

Following criteria shall be fulfilled by the Bidder:

Pre-Qualification Criteria

1. Eligibility						
Criterion	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
			All Parties Combined	Each Member	One Member	
1.1 Nationality	Nationality in accordance with ITB 4.3	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI-1.1 and ELI-1.2, with attachments
1.2 Conflict of Interest	No conflicts of interest in accordance with ITB 4.2	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Bid Submission Form
1.3 AFD Eligibility	Not being ineligible to AFD financing, as described in ITB 4.3	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Statement of Integrity (appendix to Letter of Bid)
1.4 State-Owned Entity	Meet conditions of ITB 4.3	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI-1.1 and ELI-1.2, with attachments

2. Historical Contract Non-Performance						
Criterion	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
			All Parties Combined	Each Member	One Member	
2.1 History of Non-Performing Contracts	Termination of a contract ¹ did not occur as a result of Bidder's default in the past five (5) years.	Must meet requirement ² .	Must meet requirement	Must meet requirement ²	N/A	Form CON-2
2.2 Suspension Based on Execution of Bid Securing Declaration by the Purchaser or withdrawal of the Bid within Bid validity	Not under suspension based on execution of a Bid Securing Declaration pursuant to ITB 4.4 or withdrawal of a Bid pursuant ITB 19.9.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Bid Submission Form
2.3 Pending Litigation	All pending litigation shall in total not represent more than one hundred percent (100%) of the Bidder's net worth and shall be treated as resolved against the Bidder.	Must meet requirement	N/A	Must meet requirement	N/A	Form CON-2

¹ Non-performance shall include all terminations of contracts where (a) non-performance was not challenged by the contractor, including through referral to the dispute resolution mechanism under the respective contract, and (b) contracts that were so challenged but fully settled against the contractor. Non-performance shall not include contracts where Employers decision was overruled by the dispute resolution mechanism.

² This requirement also applies to contracts executed by the Bidder as JV member.

3. Financial Situation and Performance

Criterion	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
			All Parties Combined	Each Member	One Member	
3.1 Financial Capabilities	Submission of audited balance sheets or if not required by the law of the Bidder's country, other financial statements acceptable to the Purchaser, for the last three (3) years to demonstrate the current soundness of the Bidder's financial position based on the following criteria: a) Average liquidity ratio for the last three (3) years ≥ 1.1 (Current assets / Current liabilities ≥ 1.1); b) Average indebtedness ratio for the last three (3) years $\leq 80\%$. [[Total liabilities) x 100/ (Total Assets) $\leq 80\%$]]	Must meet requirement	N/A	N/A	Leader must meet requirement	Form FIN-3.1, with attachments
3.2 Minimum Annual Turnover from supply of goods	Minimum average annual turnover for the last 3 years (2022-23; 2021-22 & 2020-21): INR 8.85 Million	Must meet requirement	Must meet requirement	Must meet forty per cent (40%)of the requirement	Must meet sixty per cent (60%)of the requirement	Form FIN-3.2

4. Experience						
Criterion	Requirements	Single Entity	Joint Venture (existing or intended)			Submission Requirements
			All Parties Combined	Each Member	One Member	
4.1 Similar Experience	(i) The bidder should be manufacturer/ authorized dealer of the items under the contract. (ii) A minimum number of similar contracts as mentioned in the Section VII specifications, that have been satisfactorily and substantially completed as Supplier, or joint venture member, between 1st April 2019 and bid submission deadline: two (2) contracts, each of minimum value as under: INR 2.46 Million (iii) Availability of Quality management certificate: ISO 9001:2015, DGCA, Quality Control of India.	Must meet requirement	Must meet requirement ³	N/A	N/A	Form EXP-4.1
4.2 After Sales Service	Availability at the bid submission date in the Purchaser's Country of spare parts and after sales services facilities in operation for at least 6 months for the Goods offered in the Bid ⁴ .	Must meet requirement	Must meet requirement	N/A	N/A	Self-Declaration by the Manufacturer/ Supplier

³ In the case of a JV, the value of contracts completed by its members shall not be aggregated to determine whether the requirement of the minimum value of a single contract has been met. For instance, if the criterion mentions "two (2) contracts with a minimum value of 50M\$ each", a JV composed of 3 members and having carried out four (4) contracts of 30M\$ each shall not be qualified. On the other hand, if 2 of the 3 members of the JV each carried out one (1) contract of 50M\$, the criterion is met, even if the third member does not have any contract of this value.

⁴An acceptable alternative to meet this requirement is the evidence by the Bidder of one successful experience in the past five (5) years of creating and operating for a period of time exceeding one year an after sales services facility in a foreign country.

Section IV –Bidding Forms

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Bid Submission Form

[The Bidder shall prepare his Bid Submission Form on a Letter head paper specifying his name and address]

Date: _____

IPC No.: _____

Invitation for Bid No.: _____

Alternative No.: _____

To: Project Director, PMU, APFBC Society
Aranya Bhawan, Panjabari, Guwahati – 781037 (Assam)

We, the undersigned, declare that:

- a) We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders (ITB 8);
- b) We have no conflict of interest in accordance with ITB 4.2;
- c) We have not been suspended nor declared ineligible by the Employer based on execution of a Bid Securing Declaration in the Employer's country in accordance with ITB 4.4;
- d) We satisfy all the pre-qualification criteria mentioned in the Section III to the best of our knowledge and ability and have submitted the supporting documents as a part of technical bid.
- e) We offer to supply in conformity with the technical specifications mentioned in Section VII and execute the product demonstration in the manner specified in section VII at our own expense. The documents confirming specifications have been contained in technical bid.

We are bidding for the following:

APFBC/PMU/Phase-II/PD/2023/326/Part-II/Forest Resource Assessment



- f) We have submitted the financial bid in a separate envelope, and we understand that the financial bid envelope shall be opened by the purchaser only if our bid is found to be substantially responsive.
- g) Our Bid shall be valid for a period of 120 days from the date fixed for the Bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- h) If our Bid is accepted, we commit to obtain a performance security in accordance with ITB 42 of the Bidding Document;
- i) We are not participating, as a Bidder, in more than one Bid in this bidding process in accordance with ITB 4.2(e), other than alternative Bids submitted in accordance with ITB 13;
- j) 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;
- k) We understand and accept that the Purchaser reserves the right to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders; and
- l) We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in any type of fraud and corruption.

Name of the Bidder¹: _____

Name of the person duly authorized to sign the Bid on behalf of the Bidder²: _____

Title of the person signing the Bid: _____

Signature of the person named above: _____

Date signed: _____ day of: _____

¹ In the case of the Bid submitted by a JV specify the name of the JV as Bidder.

² Person signing the Bid shall have the power of attorney given by the Bidder(s) and to be attached with the Bid.

Appendix to Bid Submission Form

Statement of Integrity, Eligibility and Social and Environmental Responsibility

Reference of the bid or proposal _____ (the "Contract")

To: **Project Director, PMU, APFBC Society, Aranya Bhawan, Panjabari, Guwahati- 781037**(the "Contracting Authority")

1. We recognize and accept that *Agence Française de Développement* ("AFD") only finances projects of the Contracting Authority subject to its own conditions which are set out in the Financing Agreement which benefits directly or indirectly to the Contracting Authority. As a matter of consequence, no legal relationship exists between AFD and our company, our joint venture or our suppliers, contractors, subcontractors, consultants or subconsultants. The Contracting Authority retains exclusive responsibility for the preparation and implementation of the procurement process and performance of the contract. The Contracting Authority means the Purchaser, the Employer, the Client, as the case may be, for the procurement of goods, works, plants, consulting services or non-consulting services.
2. We hereby certify that neither we nor any other member of our joint venture or any of our suppliers, contractors, subcontractors, consultants or subconsultants are in any of the following situations:
 - 2.1 Being bankrupt, wound up or ceasing our activities, having our activities administered by the courts, having entered into receivership, reorganization or being in any analogous situation arising from any similar procedure;
 - 2.2 Having been:
 - a) convicted, within the past five years by a court decision, which has the force of *res judicata* in the country where the Contract is implemented, of fraud, corruption or of any other offense committed during a procurement process or performance of a contract (in the event of such conviction, you may attach to this Statement of Integrity supporting information showing that this conviction is not relevant in the context of this Contract);
 - b) subject to an administrative sanction within the past five years by the European Union or by the competent authorities of the country where we are constituted, for fraud, corruption or for any other offense committed during a procurement process or performance of a contract (in the event of such sanction, you may attach to this Statement of Integrity supporting information showing that this sanction is not relevant in the context of this Contract);
 - c) convicted, within the past five years by a court decision, which has the force of *res judicata*, of fraud, corruption or of any other offense committed during the procurement process or performance of an AFD-financed contract;
 - 2.3 Being listed for financial sanctions by the United Nations, the European Union and/or France for the purposes of fight-against-terrorist financing or threat to international peace and security;
 - 2.4 Having been subject within the past five years to a contract termination fully settled against us for significant or persistent failure to comply with our contractual obligations during contract performance, unless this termination was challenged and dispute resolution is still pending or has not confirmed a full settlement against us;
 - 2.5 Not having fulfilled our fiscal obligations regarding payments of taxes in accordance with the legal provisions of either the country where we are constituted or the Contracting Authority's country;
 - 2.6 Being subject to an exclusion decision of the World Bank and being listed on the website <http://www.worldbank.org/debarr> (in the event of such exclusion, you may attach to this Statement of Integrity supporting information showing that this exclusion is not relevant in the context of this Contract);
 - 2.7 Having created false documents or committed misrepresentation in documentation requested by the Contracting Authority as part of the procurement process of this Contract.
3. We hereby certify that neither we, nor any of the members of our joint venture or any of our suppliers, contractors, subcontractors, consultants or subconsultants are in any of the following situations of conflict of interest:

- 3.1 Being an affiliate controlled by the Contracting Authority or a shareholder controlling the Contracting Authority, unless the stemming conflict of interest has been brought to the attention of AFD and resolved to its satisfaction;
- 3.2 Having a business or family relationship with a Contracting Authority's staff involved in the procurement process or the supervision of the resulting Contract, unless the stemming conflict of interest has been brought to the attention of AFD and resolved to its satisfaction;
- 3.3 Being controlled by or controlling another bidder or consultant, or being under common control with another bidder or consultant, or receiving from or granting subsidies directly or indirectly to another bidder or consultant, having the same legal representative as another bidder or consultant, maintaining direct or indirect contacts with another bidder or consultant which allows us to have or give access to information contained in the respective applications, bids or proposals, influencing them or influencing decisions of the Contracting Authority;
- 3.4 Being engaged in a consulting services activity, which, by its nature, may be in conflict with the assignments that we would carry out for the Contracting Authority;
- 3.5 In the case of procurement of goods, works or plants:
 - a) Having prepared or having been associated with a consultant who prepared specifications, drawings, calculations and other documentation to be used in the procurement process of this Contract;
 - b) Having been recruited (or being proposed to be recruited) ourselves or any of our affiliates, to carry out works supervision or inspection for this Contract.
4. If we are a state-owned entity, and to compete in a procurement process, we certify that we have legal and financial autonomy and that we operate under commercial laws and regulations.
5. We undertake to bring to the attention of the Contracting Authority, which will inform AFD, any change in situation with regard to points 2 to 4 here above.
6. In the context of the procurement process and performance of the corresponding contract:
 - 6.1 We have not and we will not engage in any dishonest conduct (act or omission) deliberately intended to deceive others, to intentionally conceal items, to violate or vitiate someone's consent, to make them circumvent legal or regulatory requirements and/or to violate their internal rules in order to obtain illegitimate profit;
 - 6.2 We have not and we will not engage in any dishonest conduct (act or omission) contrary to our legal or regulatory obligations or our internal rules in order to obtain illegitimate profit;
 - 6.3 We have not promised, offered or given and we will not promise, offer or give, directly or indirectly to (i) any Person who holds a legislative, executive, administrative or judicial mandate within the State of the Contracting Authority regardless of whether that Person was nominated or elected, regardless of the permanent or temporary, paid or unpaid nature of the position and regardless of the hierarchical level the Person occupies, (ii) any other Person who performs a public function, including for a State institution or a State-owned company, or who provides a public service, or (iii) any other person defined as a Public Officer by the national laws of the Contracting Authority's country, an undue advantage of any kind, for himself or for another Person or entity, for such Public Officer to act or refrain from acting in his official capacity;
 - 6.4 We have not promised, offered or given and we will not promise, offer or give, directly or indirectly to any Person who occupies an executive position in a private sector entity or works for such an entity, regardless of the nature of his/her capacity, any undue advantage of any kind, for himself or another Person or entity for such Person to perform or refrain from performing any act in breach of its legal, contractual or professional obligations;
 - 6.5 We have not and we will not engage in any practice likely to influence the contract award process to the detriment of the Contracting Authority and, in particular, in any anti-competitive practice having for object or for effect to prevent, restrict or distort competition, namely by limiting access to the market or the free exercise of competition by other undertakings;
 - 6.6 Neither we nor any of the members of our joint venture or any of our suppliers, contractors, subcontractors, consultants or subconsultants shall acquire or supply any equipment nor operate in any sectors under an embargo of the United Nations, the European Union or France;
 - 6.7 We commit ourselves to comply with and ensure that all of our suppliers, contractors, subcontractors, consultants or subconsultants comply with international environmental and labour

standards, consistent with laws and regulations applicable in the country of implementation of the Contract, including the fundamental conventions of the International Labour Organization (ILO) and international environmental treaties. Moreover, we shall implement environmental and social risks mitigation measures when specified in the environmental and social commitment plan (ESCP) provided by the Contracting Authority.

7. We, as well as members of our joint venture and our suppliers, contractors, subcontractors, consultants or subconsultants authorize AFD to inspect accounts, records and other documents relating to the procurement process and performance of the contract and to have them audited by auditors appointed by AFD.

Name: _____ In the capacity of: _____

Duly empowered to sign in the name and on behalf of³: _____

Signature: _____

Dated: _____

³ In case of joint venture, insert the name of the joint venture. The person who will sign the application, bid or proposal on behalf of the applicant, bidder or consultant shall attach a power of attorney from the applicant, bidder or consultant.

Bidder Information Form

Date: _____

IPC No. and title: _____

Page _____ of _____ pages

Bidder's name: _____ <i>[insert full name]</i>
In case of Joint Venture (JV), name of each member: _____ <i>[insert full name of each member in JV]</i>
Bidder's actual or intended year of constitution: _____ <i>[indicate year of constitution]</i>
Bidder's legal address (in country of constitution): _____ <i>[insert street / number / town or city / country]</i>
Bidder's authorized representative information: Name: _____ <i>[insert full name]</i> Address: _____ Telephone/Fax numbers: _____ Email address: _____
1. Attached are copies of original documents of: <input type="checkbox"/> Articles of Constitution (or equivalent documents of association) of the legal entity named above; <input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITB 4.1; <input type="checkbox"/> In case of State-owned enterprise or institution, in accordance with ITB 4.3, documents establishing: <ul style="list-style-type: none">• Legal and financial autonomy;• Operation under commercial law;• Establishing that the Bidder is not a dependent agency of the Purchaser.
2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

Form: ELI-1.2
Bidder's JV Information Form

[The following table shall be filled by each member of a Joint Venture and, if applicable, by any specialized subcontractor, and in that case substitute "Bidder's JV member" for "specialized subcontractor".]

Date: *[Insert day, month, year]*

IPC No. and title: *[Insert IPC number and title]*

Page *[insert number]* of *[insert total number]* pages

Bidder's JV name: _____ <i>[insert full name]</i>
Bidder's JV member's name: _____ <i>[insert full name Bidder's JV Member]</i>
Bidder's JV member's country of constitution: _____ <i>[indicate country of constitution]</i>
Bidder's JV member's year of constitution: _____ <i>[indicate year of constitution]</i>
Bidder's JV member's legal address (in country of constitution): _____ <i>[insert street / number / town or city / country]</i>
Bidder's JV member's authorized representative information: Name: _____ <i>[insert full name]</i> Address: _____ Telephone/Fax numbers: _____ Email address: _____
<p>1. Attached are copies of original documents of:</p> <ul style="list-style-type: none"><input type="checkbox"/> Articles of Constitution (or equivalent documents of association) of the legal entity named above;<input type="checkbox"/> In case of State-owned enterprise or institution, in accordance with ITB 4.3, documents establishing:<ul style="list-style-type: none">• Legal and financial autonomy;• Operation under commercial law;• Establishing that the Bidder is not a dependent agency of the Employer. <p>2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.</p>

Form:CON-2

**Historical Contract Non-Performance, Pending
Litigation and Litigation History**

[to be completed by the Bidder and by each member of the Bidder's JV]

Bidder's Name: *[insert full name]*

Date: *[insert day, month, year]*

JV Member's Name: *[insert full name]*

IPC No. and title: *[insert IPC number and title]*

Page *[insert page number]* of *[insert total number]* pages

**Non-Performed Contracts in accordance with Section
III - Evaluation and Qualification Criteria**

- ☐ Contract non-performance did not occur since 1st January *[insert current year number less 5]* specified in Section III, Evaluation and Qualification Criteria, criterion 2.1.
- ☐ Contract(s) not performed since 1st January *[insert current year number less 5]* specified in Section III, Evaluation and Qualification Criteria, criterion 2.1, as indicated below:

Year	Non-performed portion of contract	Contract Identification	Total Contract Amount (INR)
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street / number / city of town / country]</i> Reason(s) for non-performance: <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>

Pending Litigation, in accordance with Section III - Evaluation and Qualification Criteria

- ☐ No pending litigation in accordance with Section III, Evaluation and Qualification Criteria
- ☐ Pending litigation in accordance with Section III, Evaluation and Qualification Criteria as indicated below:

Year of dispute	Amount in dispute (currency)	Contract Identification	Total Contract Amount (INR)
<i>[insert year]</i>	<i>[insert amount]</i>	Contract Identification: <i>[Indicate complete contract name, number, and any other identification]</i> Name of Purchaser: <i>[Insert full name]</i> Address of Employer: <i>[Insert street / number / city of town / country]</i> Matter in dispute: <i>[Indicate main issues in dispute]</i> Party who initiated the dispute: <i>[Indicate "Purchaser" or "Contractor"]</i> Status of dispute: <i>[Indicate if it is being treated by the Adjudicator, under Arbitration or being dealt with by the Judiciary]</i>	<i>[insert amount]</i>
<i>[insert year]</i>	<i>[insert amount]</i>	<i>[insert amount]</i>
.....

Form: FIN – 3.1

Financial Situation and Performance

[to be filled by the Bidder and by each member of Joint Venture.]

Bidder's Name: [insert full name]

Date: [insert day, month, year]

JV Member's Name: [insert full name]

IPC No. and title: [insert IPC number and title]

Page [insert page number] of [insert total number] pages

1. Financial data

Type of Financial information in Indian Rupee (INR) Equivalent	Historic information for previous Three (3) years (amount in INR equivalent)		
	2022-23	2021-22	2020-21
Statement of financial position (information from balance sheet)			
Total Assets (TA)			
Total Liabilities (TL)			
Total Equity/Net Worth (NW)			
Current Assets (CA)			
Current Liabilities (CL)			
Working Capital (WC)			
Information from income statement			
Total Revenue (TR)			
Profit before Taxes (PBT)			
Cash flow information			
Cash flow from operating activities			

2. Financial documents

The Bidder and in case of a JV, each member shall provide copies of financial statements for **three (3)** years pursuant Section III - Evaluation and Qualifications Criteria, criterion 3.1. The financial statements shall:

- a) Reflect the financial situation of the Bidder or in case of a JV, each member, and not an affiliated entity (such as parent company or group member);
 - b) Be independently audited or certified in accordance with local legislation;
 - c) Be complete, including all notes to the financial statements;
 - d) Correspond to accounting periods already completed and audited.
- ☐ Attached are copies of financial statements for the **three (3)** years required above and complying with the requirements

Form FIN-3.2:

Average Annual Turnover

[to be filled by the Bidder and by each member of Joint Venture]

Bidder's Name: *[insert full name]*

Date: *[insert day, month, year]*

JV Member's Name: *[insert full name]*

IPC No. and title: *[insert IPC number and title]*

Page *[insert page number]* of *[insert total number]* pages

Year	Annual turnover data		
	Amount and currency ¹	Exchange rate	Indian Rupee (INR) equivalent
<i>[Indicate financial year]</i>	<i>[insert amount and indicate currency, if different from INR, or else insert amount in INR]</i>	<i>[insert exchange rates used to calculate the INR equivalent or else insert "Not Applicable" (N/A)]</i>	<i>[insert INR equivalent]</i>
2022-23			
2021-22			
2020-21			
		Average Annual Turnover²	

¹ The indicated turnover amounts must be identical as those appearing on the financial statements.

² See Section III, Evaluation and Qualification Criteria, criterion 3.2.

Form:EXP-4.1

Experience

Bidder's Name: *[insert full name]*

Date: *[insert day, month, year]*

JV Member's Name: *[insert full name]*

IPC No. and title: *[insert IPC number and title]*

Page *[insert page number]* of *[insert total number]* pages

Similar Contract No.____ <i>[insert specific number] of [total number of contracts] _____ required</i>	Information	
Contract Identification:	_____	
Award Date: Completion Date:	_____	
Role in Contract:		
Total Contract Amount:	_____ <i>[Insert total contract amount in INR]</i>	
If member is a JV, specify participation in total Contract amount:	_____% <i>[Insert a percentage amount]</i>	_____ <i>[Insert total contract amount in INR]</i>
Purchaser's Name:	_____ <i>[Insert full name]</i>	
Purchaser's Address: Contact person: Telephone/Fax numbers: Email:	_____ _____ _____ _____	

Note:

- *Documentary evidence of similar contracts meeting technical specifications as mentioned in the Section VII.*
- *Delivery certificate and client's satisfaction certificate/ testimonial will be considered for similar demonstratable experience with credentials of respective current or earlier clients/ customers for necessary reference checks.*

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 Purchaser in the Schedule of Requirements. It shall contain rates of major items like complete drone assembly, complete sensor assembly, complete ground control station and other accessories.]*

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

(Group C bids, goods to be imported)
Currencies in accordance with ITB Sub-Clause 15

Date: _____

IPCNo: _____

Alternative No: _____

Page No ____ of ____

1	2	3	4	5	6	7	8
Line Item No	Description of Goods	Country of Origin	Delivery Date at named place of destination	Quantity and physical unit	Unit price CIP[insert named place of destination]in accordance with ITB 14.8(b)(i)	Sales and other taxes paid or payable per item if Contract is awarded, in accordance with ITB 14.8(b)(ii)	Total Price per Line item (Col. 5x6)
[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 sales and other taxes paid or payable per item if Contract is awarded]	[insert total price of the line item]
						Total Price	

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 Purchaser's Country, Already Imported

(Group C bids, Goods already imported)

Currencies in accordance with ITB Sub-Clause 15

Date: _____

IPC No: _____

Alternative No: _____

Page No ____ of ____

1	2	3	4	5	6	7	8	9
Line Item No	Description of Goods	Country of Origin	Delivery Date at named place of destination	Quantity and physical unit	CIP Unit price excluding Custom Duties and Import Taxes paid, in accordance with ITB 14.8(c)(i)	Custom Duties and Import Taxes paid per unit in accordance with ITB 14.8(c)(ii), [to be supported by documents]	Sales and other taxes paid or payable per item if Contract is awarded, in accordance with ITB 14.8(c)(iii)	Total Price per line item (Col. 5x6)
<i>[insert number of the item]</i>	<i>[insert name of Goods]</i>	<i>[insert country of origin of the 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 unit price per unit]</i>	<i>[insert custom duties and taxes paid per unit]</i>	<i>[insert sales and other taxes payable per item if Contract is awarded]</i>	<i>[insert total price per line item]</i>

Total Bid Price

Name of Bidder *[insert complete name of Bidder]*

Signature of Bidder *[signature of person signing the Bid]*

Date *[insert date]*

Price Schedule: Goods Manufactured in the Purchaser's Country

Purchaser's Country _____

(Group A and B bids)

Currencies in accordance with ITB Sub-Clause 15

Date: _____

IPC No: _____

Alternative No: _____

Page No _____ of _____

1	2	3	4	5	6*	7	8
Line Item No	Description of Goods	Delivery Date at named place of destination	Quantity and physical unit	Unit price CIP	Cost of local labor, raw materials, transportation, insurance and components with origin in the Purchaser's Country % of Col. 5	Sales and other taxes payable per line item if Contract is awarded, in accordance with ITB 14.8(a)(ii)	Total Price per line item (Col. 4 x 5)
<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 CIP unit price]</i>	<i>[Insert cost of local labor, raw material, transportation, insurance and components from within the Purchase's country as a % of the CIP 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 (including warranty of 1 year)	

* Only in case of Domestic Preference applies

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 15

Date: _____

IPC No: _____

Alternative No: _____

Page No ____ of ____

1	2	3	4	5	6	7	8	9
Service No	Description of Services	Country of Origin	Delivery Date at named place of destination	Quantity and physical unit	Unit Rate of CMC per year exclusive of duties and applicable taxes	Total cost of CMC for two years exclusive of duties and applicable taxes	Duties and other taxes payable per year	Total Price per Service net of duties and taxes (Col.5x7)
<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 named place of destination]</i>	<i>[insert number of units to be supplied and name of the physical unit]</i>	<i>[insert unit rate of CMC per item per year]</i>	<i>[insert total cost of CMC per item for two years]</i>	<i>[insert duties and other taxes payable per line item if Contract is awarded]</i>	<i>[insert total price per item]</i>
Total Price of CMC for 2 years								
Total Bid Price (including all goods and services*)								

Name of Bidder *[insert complete name of Bidder]*

Signature of Bidder *[signature of person signing the Bid]*

Date *[insert date]*

*Note: The price shall be inclusive of following service items: 2 years onsite comprehensive warranty, accidental insurance, software upgrade/ update, help-desk support during business hours, and logistics inclusive of shipping for repairs/replacement. The cost shall be quoted item wise.

Form for Bid Security

Bank Guarantee

Beneficiary: _____

Invitation for Bids No.: _____

Date: _____

Bid Guarantee No.: _____

Guarantor: _____

We have been informed that _____ (hereinafter called "**the Bidder**") has submitted or will submit to the Beneficiary its bid (hereinafter called "**the Bid**") for the execution of _____ [IPC Name] / _____ under Invitation for Bids No. _____ ("**the IFB**").

Furthermore, we understand that, according to the Beneficiary's conditions, Bids must be supported by a Bid guarantee.

At the request of the Bidder, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of INR _____ (Indian Rupees _____ only) upon receipt by us of the Beneficiary's first demand, supported by the Beneficiary's statement, whether in the demand itself or a separate signed document accompanying or identifying the demand, stating that either the Bidder:

- a) Has withdrawn its Bid during the period of Bid validity set forth in the Bidder's Letter of Bid ("the Bid Validity Period"), or any extension thereto provided by the Bidder; or
- b) Having been notified of the acceptance of its Bid by the Beneficiary during the Bid Validity Period or any extension thereto provided by the Bidder, (i) has failed to execute the contract agreement, or (ii) has failed to furnish the performance security, in accordance with the Instructions to Bidders ("**ITB**") of the Beneficiary's Bidding Documents.

This guarantee will expire:

- a) if the Bidder is the successful Bidder, upon our receipt of copies of the contract agreement signed by the Bidder and the performance security issued to the Beneficiary in relation to such contract agreement; or
- b) if the Bidder is not the successful Bidder, upon the earlier of (i) our receipt of a copy of the Beneficiary's notification to the Bidder of the results of the bidding process; or (ii) twenty-eight days after the end of the Bid Validity Period.

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

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No. 758.

_____ *[Signature(s)]*

Form of Bid-Securing Declaration

Date: _____

Bid No.: _____

Alternative No.: _____

To: _____

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

We accept that we will automatically be suspended from being eligible for bidding in any contract with the entity that invited Bids for the period of time of _____ starting on _____, 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 in the Letter of Bid or any extension thereto accepted by us; or
- b) Having been notified of the acceptance of our Bid by the Employer during the period of Bid validity or any extension thereto accepted by us, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the ITB.

We understand this Bid-Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of:

- a) our receipt of your notification to us of the name of the successful Bidder; or
- b) twenty-eight days after the expiration of our Bid.

Name of the Bidder¹: _____

Name of the person duly authorized to sign the Bid on behalf of the Bidder²: _____

Title of the person signing the Bid: _____

Signature of the person named above: _____

Date signed: _____ day of: _____

[Note: In case of a Joint Venture, the Bid-Securing Declaration must be in the name of all members of the Joint Venture that submits the Bid.]

¹ In the case of the Bid submitted by joint venture specify the name of the Joint Venture as Bidder.

² Person signing the Bid shall have the power of attorney given by the Bidder attached to the Bid.

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 should 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 (as day, month and year) of Bid Submission]*

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

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

To: *[insert complete name of Purchaser]*

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide the following Goods, manufactured by us:

[insert name and or brief description of the Goods],

and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 28 of the General Conditions of Contract, with respect to the Goods offered by the above firm. We further certify that the product(s) manufactured by us meet the technical specifications as mentioned in the section VII of the bidding document.

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

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

Title: *[insert title]*

Dated on _____ day of _____, _____ *[insert date of signing]*

Section V – Eligibility Criteria

Eligibility in AFD-Financed Procurement

1. Financing allocated by AFD to a Contracting Authority has been entirely untied since 1st January 2002. To the exception of any equipment or any sector which is subject to an embargo by the United Nations, the European Union or France, all goods, works, plants, consulting services and non-consulting services are eligible for AFD financing regardless of the country of origin of the supplier, contractor, subcontractor, consultant or subconsultant inputs or resources used in the implementation processes. The Contracting Authority means the Purchaser, the Employer, the Client, as the case may be, for the procurement of goods, works, plants, consulting services or non-consulting services.
2. Natural or legal Persons¹ (including all members of a joint venture or any of their suppliers, contractors, subcontractors, consultants or subconsultants) shall not be awarded an AFD-financed contract if, on the date of submission of an application, a bid or a proposal, or on the date of award of a contract, they:
 - 2.1 Are bankrupt or being wound up or ceasing their activities, are having their activities administered by the courts, have entered into receivership, or are in any analogous situation arising from a similar procedure;
 - 2.2 Have been:
 - a) convicted, within the past five years by a court decision, which has the force of res judicata in the country where the contract is implemented, of fraud, corruption or of any other offense committed during a procurement process or performance of a contract, unless they provide supporting information together with their Statement of Integrity (Form available as Appendix to the Application, Bid or Proposal Submission Form) which shows that this conviction is not relevant in the context of the Contract;
 - b) subject to an administrative sanction within the past five years by the European Union or by the competent authorities of the country where they are constituted, for fraud, corruption or for any other offense committed during a procurement process or performance of a contract, unless they provide supporting information together with their Statement of Integrity (Form available as Appendix to the Application, Bid or Proposal Submission Form) which shows that this sanction is not relevant in the context of the Contract;
 - c) convicted, within the past five years by a court decision, which has the force of res judicata, of fraud, corruption or of any other offense committed during the procurement process or performance of an AFD-financed contract;
 - 2.3 Are listed for financial sanctions by the United Nations, the European Union and/or France for the purposes of fight-against-terrorist financing or threat to international peace and security;
 - 2.4 Have been subject within the past five years to a contract termination fully settled against them for significant or persistent failure to comply with their contractual obligations during contract performance, unless this termination was challenged and dispute resolution is still pending or has not confirmed a full settlement against them;
 - 2.5 Have not fulfilled their fiscal obligations regarding payments of taxes in accordance with the legal provisions of either the country where they are constituted or the Contracting Authority's country;
 - 2.6 Are subject to an exclusion decision of the World Bank and are listed on the website <http://www.worldbank.org/debarr>, unless they provide supporting information together with their Statement of Integrity (Form available as Appendix to the Application, Bid or Proposal Submission Form) which shows that this exclusion is not relevant in the context of the Contract;
 - 2.7 Have created false documents or committed misrepresentation in documentation requested by the Contracting Authority as part of the procurement process of the Contract.
3. State-owned entities may compete only if they can establish that they (i) are legally and financially autonomous, and (ii) operate under commercial law. To be eligible, a state-owned entity shall establish to AFD's satisfaction, through all relevant documents, including its Charter and other information AFD may request, that it: (i) is a legal entity separate from their state (ii) does not currently receive substantial subsidies or budget support; (iii) operates like any commercial enterprise, and, inter alia, is not obliged to pass on its surplus to their state, can acquire rights and liabilities, borrow funds and be liable for repayment of its debts, and can be declared bankrupt.

¹ Means any Person whether natural or legal, firm, company, corporation, government, state or state agency or any association, or group of two or more of the foregoing (whether or not having separate legal status).

Section VI –AFD Policy – Corrupt and Fraudulent Practices - Environmental and Social Responsibility

1. Corrupt and Fraudulent Practices

The Contracting Authority and the suppliers, contractors, subcontractors, consultants or subconsultants must observe the highest standard of ethics during the procurement process and performance of the contract. The Contracting Authority means the Purchaser, the Employer, the Client, as the case may be, for the procurement of goods, works, plants, consulting services or non-consulting services.

By signing the Statement of Integrity the suppliers, contractors, subcontractors, consultants or subconsultants declare that (i) “it did not engage in any practice likely to influence the contract award process to the Contracting Authority’s detriment, and that it did not and will not get involved in any anti-competitive practice”, and that (ii) “the procurement process and the performance of the contract did not and shall not give rise to any act of corruption or fraud”.

Moreover, AFD requires including in the Procurement Documents and AFD-financed contracts a provision requiring that suppliers, contractors, subcontractors, consultants or subconsultants will permit AFD to inspect their accounts and records relating to the procurement process and performance of the AFD-financed contract, and to have them audited by auditors appointed by AFD.

AFD reserves the right to take any action it deems appropriate to check that these ethics rules are observed and reserves, in particular, the rights to:

- a) Reject a proposal for a contract award if it is established that during the selection process the bidder or consultant that is recommended for the award has been convicted of corruption, directly or by means of an agent, or has engaged in fraud or anti-competitive practices in view of being awarded the Contract;
- b) Declare mis-procurement when it is established that, at any time, the Contracting Authority, the suppliers, contractors, subcontractors, consultants or subconsultants their representatives have engaged in acts of corruption, fraud or anti-competitive practices during the procurement process or performance of the contract without the Contracting Authority having taken appropriate action in due time satisfactory to AFD to remedy the situation, including by failing to inform AFD at the time they knew of such practices.

AFD defines, for the purposes of this provision, the terms set forth below as follows:

- a) Corruption of a Public Officer means:
 - The act of promising, offering or giving to a Public Officer, directly or indirectly, an undue advantage of any kind for himself or for another Person¹ or entity, for such Public Officer to act or refrain from acting in his official capacity; or
 - The act by which a Public Officer solicits or accepts, directly or indirectly, an undue advantage of any kind for himself or for another Person or entity, for such Public Officer to act or refrain from acting in his official capacity.
- b) A Public Officer shall be construed as meaning:
 - Any person who holds a legislative, executive, administrative or judicial mandate (within the country of the Contracting Authority) regardless of whether that natural Person was nominated or elected, regardless of the permanent or temporary, paid or unpaid nature of the position and regardless of the hierarchical level the natural Person occupies;
 - Any other natural Person who performs a public function, including for a State institution or a State-owned company, or who provides a public service;
 - Any other natural Person defined as a Public Officer by the national laws of the country of the Contracting Authority.
- c) Corruption of a Private Person² means:
 - The act of promising, offering or giving to any Private Person, directly or indirectly, an undue advantage of any kind for himself or for another Person or entity, for such Private Person to perform or refrain from performing any act in breach of its legal, contractual or professional obligations; or;

¹ Means any Person whether natural or legal, firm, company, corporation, government, state or state agency or any association, or group of two or more of the foregoing (whether or not having separate legal status).

² Means any natural Person other than a Public Officer.

- The act by which any Private Person solicits or accepts, directly or indirectly, an undue advantage of any kind for himself or for another Person or entity, for such Private Person to perform or refrain from performing any act in breach of its legal, contractual or professional obligations.
- d) Fraud means any dishonest conduct (act or omission), whether or not it constitutes a criminal offence, deliberately intended to deceive others, to intentionally conceal items, to violate or vitiate consent, to circumvent legal or regulatory requirements and/or to violate internal rules in order to obtain illegitimate profit.
- e) Anti-competitive practices mean:
 - Any concerted or implied practices which have as their object or effect the prevention, restriction or distortion of competition within a marketplace, especially where they (i) limit access to the marketplace or free exercise of competition by other undertakings, (ii) prevent free, competition-driven price determination by artificially causing price increases or decreases, (iii) restrict or control production, markets, investments or technical progress; or (iv) divide up market shares or sources of supply;
 - Any abuse by one undertaking or a group of undertakings which hold a dominant position on an internal market or on a substantial part of it;
 - Any practice whereby prices are quoted or set unreasonably low, the object of which is to eliminate an undertaking or any of its products from a market or to prevent it from entering the market.

2. Social and Environmental Responsibility

In order to promote sustainable development, AFD seeks to ensure that internationally recognized environmental and social standards are complied with. Suppliers, contractors, subcontractors, consultants or subconsultants for AFD-financed contracts shall consequently undertake in the Statement of Integrity to:

- a) Comply with and ensure that all their subcontractors or subconsultants comply with international environmental and labour standards, consistent with applicable law and regulations in the country of implementation of the contract, including the fundamental conventions of the International Labour Organization (ILO) and international environmental treaties;
- b) Implement environmental and social risks mitigation measures when specified in the environmental and social management plan (ESMP) provided by the Contracting Authority.

PART 2 – Supply Requirements

Section VII – Schedule of Requirements

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1. List of Goods and Delivery Schedule

[The Purchaser shall fill in this table, with the exception of the column "Bidder's offered Delivery date" to be filled by the Bidder. The item list should be identical to the Price Schedule (Section IV)]

No	Description of Goods (Use Case Name and Suggested Drone and Payload)	Quantity	Physical unit	Named place of Destination as specified in BDS	Delivery (as per Incoterms) Date		
					Earliest Delivery Date at named place of destination	Latest Delivery Date at named place of destination	Bidder's offered Delivery date at named place of destination [to be provided by the bidder]
1	Forest Resource Assessment Drone with LiDAR payload gives accurate information on tree canopy, number and height for forest resource assessment and management.	1	1	Guwahati	30 days following the date of signature of the Contract	45 days following the date of signature of the Contract	[insert the number of days following the date of signature of the Contract]

2. TECHNICAL SPECIFICATIONS AND PRODUCT DEMONSTRATION

1. Key Considerations for Drones

Sl.	Specifications	Description
1	Flight Time	A longer flight time is desirable for covering larger areas without frequent battery swaps.
2	Battery Life and Swappability	<ul style="list-style-type: none"> Lithium-polymer (LiPo) batteries with sufficient capacity for extended flights. The ability to swap out batteries quickly to maximize flight time.
3	Noise Level	Low noise emissions to minimize disturbance to wildlife.
4	Flight Range	<ul style="list-style-type: none"> Sufficient range to cover the area of interest. Real-time telemetry data to monitor drone status and location.
5	Payload Capacity	Adequate payload capacity for carrying additional sensors or equipment like loudspeaker, laser devices.
6	Obstacle Avoidance	Collision avoidance systems (e.g., sensors, obstacle detection) to prevent accidents during flight.
7	Flight Mode	<ul style="list-style-type: none"> GPS-assisted flight modes for stable and precise flying. Autonomous flight capabilities for pre-programmed routes or waypoints.
8	Remote Control and Telemetry	<ul style="list-style-type: none"> Reliable remote-control system with a good range. Live telemetry data and video feed to monitor the drone's status and camera view.
9	Weather Resistance	Weatherproofing or resistance to environmental conditions (rain, wind) for outdoor use.
10	Portability and Transportability	Ease of transportation to remote wildlife monitoring sites.
11	Data Storage and Transmission	Sufficient on-board storage or real-time data transmission capabilities for storing or sending collected data.
12	User-Friendly Software	<ul style="list-style-type: none"> Intuitive control software for mission planning, data analysis, and post-processing. Able to input various GIS formats for mission planning.
13	Compliance with Regulations	Adherence to DGCA regulations and permits for flying drones (with trained pilots)
14	Ethical Considerations	Training and awareness of ethical guidelines for wildlife monitoring to minimize disturbance and stress to animals.

2. Requirements

Sl.	Use Case	Purpose	Description	Suggested Sensor Payload
1	Forest Resource Assessment	Multi-resource Forest Inventory	The drone and associate payload should enable forest staff to generate detailed forest resource inventory supplemented with the ground truthing. The RGB LiDAR drone payload(.las) data should enable in finding tree count, canopy, and height of trees and health.	Mapping Grade (PPK/RTK) – RGB LiDAR payload

3. General Specifications of Drone

	Use Case	Forest Resource Assessment
	Product Description	LiDAR Drone Specification
Sr.	Parameter	Specification
1	Endurance	60 Minutes @AMSL or more
2	Max AUW	<8kg
3	Dimensions	1070mm x 1070mm
4	Dimensions w/props	1670mmx1670mm
5	Range	4km LOS
6	Wind resistance	Max 12m/s
7	Max Launch Altitude	4500m AMSL
8	Max Operating Altitude	100 m AGL 120m AGL (As per DGCA)
9	Max Cruise Speed	5m/s
10	Nominal Cruise Speed	Maximum 7m/s
11	Communication Link	Digital Duplex
12	Propulsion System	Electric Propulsion
13	Launch and Recovery	Autonomous Vertical Take-off & Landing
14	Launch and Recovery area	15mx15m
15	Operating Temperature	−10 ⁰ C to +55 ⁰ C
16	IP Rating	IP54 rating or better
17	Technical Life	Minimum 500 Landings
18	Flight Mode	Position Mode - RPV
19		Altitude Hold
20		Hover at a defined waypoint
21		Waypoint Navigation (pre-defined as well as dynamically adjustable waypoints during flight)
Autonomous Mode		
Waypoint Navigation		
22	Fall safe Modes	RTL
23	Land on Comm failsafe	
24	Land on Low Battery	
25	Setup Time	<10 Minutes
GUI Display parameters		
26	Geographic Map along with UAV location, UAV trajectory, camera view polygon, way points and flight plan	Yes
27	Real-time video from the UAV with on-screen display of important parameters like IIAV co-	Yes

	Use Case	Forest Resource Assessment
	Product Description	LiDAR Drone Specification
	ordinates, target (payload) co-ordinates and range from UAV, true North indication, Distance from HOME, etc.	
28	Real-time video displayed at all times during the flight	Yes
29	Artificial Horizon indicating UAV attitude	Yes
30	Maps	Capability of working with some publicly available open-source maps. Application has the capability to download maps automatically after specifying location with GNSS co-ordinates
31		2D Maps: Capability to integrate geo-referenced raster maps provided in at least one of the commonly used digital map formats (eg.GeoTIFF) as well as shape file (.shp)
32		3D Maps: Capability to integrate SRTM and DTED based elevation data
33		Should have an option for importing user Maps and user elevation models.
34		UAV should be capable of Terrain hugging using user Maps and user elevation models.
35	Terrain & Obstacle Avoidance	Detects and avoids natural terrain by using elevation data (where available)
36	Free Hand Annotation	Capability to annotate a desired location on the map screen.
37	No Fly Zone	Ability for user to mark zones which they do not desire the UAV to enter during flight. Also highlights airports in the vicinity and restricts UAV from entering those areas
38	Geo Fencing	Capability in creating a virtual fence/perimeter for a real-world geographical area. It enables the user in creating a predefined boundary to avoid the RPA venturing beyond the defined area accidentally.
39	Channel Scan	It enables the user to select the best suited channel for a desired location for effective flight operations.
40	Weather Forecast	Capable to provide information about the weather condition of the HOME location to the users based on the weather forecast of a given day and time.
41	User Controls	Take-off/Land without any manual assistance
42		Set altitude of the UAV
43		Waypoint navigation
44		Dynamic flight plan adjustment
45		Point payload to ground co-ordinate function
46		RPV Mode which allows UAV to be flown in semi-autonomous mode
47	Joystick Controls	Full camera controls Pan/Tilt & Zoom In/Out
48		RPV mode
49		Altitude control
50	Pre-flight checks	Capability to perform pre-flight checks of the complete system before every flight for confirming the suitability of flightworthiness
51	Others	Essential telemetry data logging
52		Export of flight path in .kml format for reviewing in Google Earth
53	Drone output	Photo (JPEG/PNG) / orthomosaic (geotiff) / 3D point cloud (LAS) / Digital Terrain Model (geotiff) / Digital Surface Model (geotiff)
Recommended Ground/Mission Control Specification		
54	Type	An intuitive, modern user interface application to make drone piloting easy, safe, and efficient. Managed on rugged Laptop and Hand-Held device, MIL-STD-810G standard, compact, lightweight

	Use Case	Forest Resource Assessment
	Product Description	LiDAR Drone Specification
55	Screen Size	Minimum 10" diagonal (for hand held device) and minimum 15" diagonal (for rugged laptop)
56	GCS Controller Battery back-up	At least 2 full endurance flight without spare battery
57	IP Rating	IP65
Communication link Characteristics		
58	Communication link capabilities	Transmit control commands from GCS to UAV
59		Transmit telemetry data from UAV GCS
60		Transmit day and night video from UAV to GCS (Applicable only for surveillance payloads)
61		Secure Communication link between UAV and GCS with 128-bit AES encryption
62		Digital and Encrypted
63	Auto Tracking Comm Box	Auto tracking directional antenna
64	Frequency Band	2.4GHz
Remote Video Terminal (RVT) Characteristics		
65	Remote Video capability with payload and NAV controls and integration to Command Control station	Live feed Integration/display on screen, phone and tablet
66		Receiving live video from UAV at a distance of 5 Km (3.1 miles) (un-obstructed & interference free)
67		Capability to display video, map and OSD (On screen display) similar to GCS
68		Capability to record, playback and freeze the imagery received from UAV.
69		Capability to control the payload and UAV navigation
70	GSM tracker for MHA & Enterprise (DGCA requirement)	Available (Subject to GSM network availability)
Battery Specifications		
71	Number of batteries	1 Standard + 2 Additional (backup)
72	Charging cycle/Life	Atleast 200 charging cycles
73	Charger box	Dual 6S charger with box (Works with AC and DC)
74	Hard case (with padlock)	Hard case
75	Tripod	Yes
76	Monopod	Yes
77	Battery warranty	Minimum 6 months
78	Training	Yes
79	Monopod	1
80	Battery Charger with charging cables	1
81	Backpacks	1 (Set), Waterproof
82	Accessories (Including Field repair kit)	1 (Set)
83	Base Station	1
84	Base station Bipod	1

4. Payload Specifications

Use Case	Forest Resource Assessment
Product Description	LiDAR Payload Specification
Payload	Airborne UDAR Module and 26MP Survey grade camera (Sensor) with Trimble APX - 15
Payload Features	1. Onboard Geo-Tagging
2. Precision Mapping	
Payload Stabilization and Freedom	Mechanical mounted/Fixed
Parameters	Specifications
Weight	< 1500 gm
Measuring accuracy	Less than 10cm (110m AGL)
Laser line number	Equivalent to 64-beam
Laser class	905 nm Class 1
Measuring range	190m@10%reflectivity
Measuring accuracy	Less than 10cm (110m AGL)
Power range	12V-16V
Working temperature	-20°C to +55°C
Consumption	Average 20W
Storage	More than 64GB
Range precision	2cm
Data	720,000 Points/sec
Heading accuracy	0.040°
Pitch accuracy	0.015°
Rolling accuracy	0.015°
GNSS signal type	GPS L1/L2/L5 GLOSNASS L1/L2 BDS B1/B2/B3 GAL E1/E5a/Sb
Built In CAMERA SPECS	
FOV	70° circular view
Built-in camera FOV	83 Degree
Effective Pixel	26 MP
Trigger event	Distance or time trigger
PRE-PROCESSING SOFTWARE	
POS software	Output information: position, speed, attitude
Point cloud software	Output point cloud data format: LAS format, custom TXT format

5. Other Conditions:

1	Comprehensive Maintenance Contract	2 years (for both drone, sensor(s), and critical accessories)
2	Repair/Damage SLA	<p>Service Standards: The period of time for repair or replacement shall be: Minor Repair - < 2 days Major Repair - < 10 days Replacement of sensor - < 1 month (in case of imported items)</p> <p><i>*Major item such as drone, sensor, motor, ground control station, etc. and minor item such as battery, rotors, frame, tripods, antenna, etc.</i></p>
3	Delivery and after repair/replacement	<p>Following is the checklist after the repair/replacement delivery of drone by trained pilot:</p> <p>Pre-flight Checks: Propellers are in good condition (properly attached, rotates freely, damage-free, and clean). The motors are in good condition and are free from debris. The SD card is secure.</p>

		<p>The lens and filters are clean and clear. Battery conditions are optimal RF and GPS signal strength are good (both video and control). Photo and video settings are set correctly. Propellers are balanced and vibration-free No unusual noises from the motors after startup. Drone Flight Testing/Demo: The drone initialization sequence is error-free. The drone is hovering accurately without any drift. Remote control is operating correctly and accurately. Aircraft respond correctly to control inputs Test flight endurance and output.</p>
--	--	--

6. Product demonstration and evaluation checklist

The bidder shall carry out the product demonstration using the same specifications mentioned above. The following checklist will be used for the technical evaluation of the product.

Sl.	Evaluation parameters	Meets / Does not meet
1	Proposed product, make model for each item compliant to the technical specifications	
2	DGCA type certification	
3	Possesses Flight endurance of 60 minutes	
4	Meeting desired time to setup base stations / landing points and possesses the capability of dynamic starting /ending points	
5	Communicating satisfactory with the base station	
6	Be able to Take-off vertically and land back at Home autonomously	
7	UAVs possesses inbuilt obstacle avoidance capabilities	
8	Should be able to carry out 2D and 3D surveys	
9	Live Trajectory Information observable on GIS map along with desirable flight information parameters (positional, inertial etc.)	
10	Possesses compatibility with two standard photogrammetry software for processing of drone imagery	
11	<p>The desired outputs have been shared within 24 – 48 hours.</p> <p><i>*(video (mp4) / photo (JPEG/PNG) / orthomosaic (geotiff) / 3D point cloud (LAS) / Digital Terrain Model (geotiff) / Digital Surface Model (geotiff)</i></p>	
12	The desired outputs are fully compliant to the use case requirements	
13	Wherever required, is able to livestream the Drone footage and possesses the ability to integrate with the Dashboard	

Note: To pass the demonstration, each item of the checklist must be individually complied with. Any negative entry against any checklist item will be treated as an unsuccessful demonstration. The checklist will be evaluated by a panel of experts appointed by the purchaser.

3. Drawings

(This Bidding Documents includes no drawings)

4. Inspections and Tests

The following inspections and tests shall be performed post-delivery:

All drone parts and inventory, demo, Spares and drone repair kit (tools), operations and maintenance manual, etc.

5.List of Related Services and Completion Schedule

[This table shall be filled in by the Purchaser. The Required Completion Dates should be realistic, and consistent with the required Goods Delivery Dates]

Service	Description of Service	Quantity	Place where Services shall be performed	Final Completion Date(s) of Services
1	Testing and handover: The supplier will open the package in front of Purchaser's personnel and all the drone parts and inventory will be fitted and shown. Product demo will be conducted by supplier trained drone pilot.	Per No./ Per Unit	Guwahati	At the time of delivery of items.
2	Training: 5 days Remote Pilot training and certificate for 2 persons	Per No./ Per Unit	Guwahati	Within 15 days of delivery of items.
3	Spares and drone repair kit (tools) should be provided along with each drone.	Per No./ Per Unit	Guwahati	At the time of delivery of items.
4	Detailed Standard Operating Procedure (SOP) document and User manual(s) of the supplied Goods;	Per No./ Per Unit	Guwahati	At the time of delivery of items.

PART 3- Contract

Section VIII – General Conditions of Contract

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Section VIII. General Conditions of Contract

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|--------------------------------|---|
| 1. Definitions | <p>1.1 The following words and expressions shall have the meanings hereby assigned to them:</p> <ul style="list-style-type: none"> (a) "AFD" means the Agence Française de Développement; (b) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein; (c) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto; (d) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions therefrom, as may be made pursuant to the Contract; (e) "Day" means calendar day; (f) "Completion" means the fulfillment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract; (g) "GCC" means the General Conditions of Contract; (h) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract; (i) "Purchaser's Country" is the country specified in the Special Conditions of Contract (SCC); (j) "Purchaser" means the entity purchasing the Goods and Related Services, as specified in the SCC; (k) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract; (l) "SCC" means the Special Conditions of Contract; (m) "Subcontractor" means any natural person, private or state entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier; (n) "Supplier" means the natural person, private or state entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement; (o) "The Project Site," where applicable, means the place named in the SCC. |
| 2. Contract Documents | <p>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.</p> |
| 3. Fraud and Corruption | <p>3.1 The AFD requires compliance with its policy in regard to corrupt and fraudulent practices as set forth in Appendix 1 to the SCC.</p> |
| 4. Interpretation | <p>4.2 If the context so requires it, singular means plural and vice versa.</p> <p>4.3 Incoterms</p> <ul style="list-style-type: none"> (a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties thereunder shall be as prescribed by Incoterms; (b) The terms CIP and other similar terms, when used, shall be governed by the rules prescribed in current edition of Incoterms specified in the SCC and published by International Chamber of Commerce in Paris, France. <p>4.4 Entire Agreement</p> <p>The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements</p> |

(whether written or oral) of the parties with respect thereto made prior to the date of Contract.

4.5 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.

4.6 Nonwaiver

(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.

4.7 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect validity or enforceability of any other provisions & 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 Purchaser, shall be written in the language specified in the **SCC**. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified, in which case, for purposes of interpretation of the Contract, this translation shall govern.

5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, 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 Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, 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 Purchaser.

7. Eligibility

7.1 All Goods and Related Services to be supplied under the Contract and financed by the AFD shall have their origin in any eligible source as specified in the **SCC**. 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 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 the Purchaser's Country, unless otherwise specified in the **SCC**. Under the jurisdiction of Gauhati High court in the District of Kamrup Metropolitan in the State of Assam.

10. Settlement of Disputes

10.1 The Purchaser 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 twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser 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, and 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 Purchaser shall pay the Supplier any monies due the Supplier.
- 11. Inspections and Audit by the AFD**
- 11.1 The Supplier shall keep and shall make all reasonable efforts to cause its Subcontractors to keep accurate and systematic accounts and records, in respect of the Goods in such form and details as will clearly identify relevant time changes and costs.
- 11.2 The Supplier shall permit, and shall cause its Subcontractors and consultants to permit, the AFD and/or persons appointed by the AFD to inspect the Supplier's offices and all accounts and records relating to the performance of the Contract and the submission of the bid, and to have such accounts and records audited by auditors appointed by the AFD if requested by the AFD.
- 12. Scope of Supply**
- 12.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.
- 13. Delivery and Documents**
- 13.1 Subject to GCC Sub-Clause 33.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. 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 Supply in accordance with GCC Clause 12, and the Delivery and Completion Schedule, as per GCC Clause 13.
- 15. Contract Price**
- 15.1 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, with the exception of any price adjustments authorized in the **SCC**.
- 16. Terms of Payment**
- 16.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the **SCC**.
- 16.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 13 and upon fulfillment of all other obligations stipulated in the Contract.
- 16.3 Payments shall be made promptly by the Purchaser, but in no case later than sixty (60) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.
- 16.4 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the bid price is expressed.
- 16.5 In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the **SCC**, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the **SCC**, for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.
- 17. Taxes and Duties**
- 17.1 For goods manufactured outside the Purchaser's Country, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's Country.
- 17.2 For goods manufactured within the Purchaser's country, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.
- 17.3 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the Purchaser's Country as specified in the **SCC**, the Purchaser shall use

- its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.
- 18. Performance Security**
- 18.1 The Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the **SCC**.
- 18.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 18.3 The Performance Security shall be denominated in the currency(ies) of the Contract, or in a freely convertible currency acceptable to the Purchaser; and shall be in one of the format stipulated by the Purchaser in the **SCC**, or in another format acceptable to the Purchaser.
- 18.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) 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**.
- 19. Copyright**
- 19.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.
- 20. Confidential Information**
- 20.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause 20.
- 20.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.
- 20.3 The obligation of a party under GCC Sub-Clauses 20.1 and 20.2 above, however, shall not apply to information that:
- (a) The Purchaser or Supplier need to share with the AFD or other institutions participating in the financing of the Contract;
 - (b) Now or hereafter enters the public domain through no fault of that party;
 - (c) Can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or
 - (d) Otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.
- 20.4 The above provisions of GCC Clause 20 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.
- 20.5 The provisions of GCC Clause 20 shall survive completion or termination, for whatever reason, of the Contract.
- 21. Subcontracting**
- 21.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.
- 21.2 Subcontracts shall comply with the provisions of GCC Clauses 3 and 7.
- 22. Specifications and**
- 22.1 Technical Specifications and Drawings
- (a) The Goods and Related Services supplied under this Contract shall

Standards	conform to the technical specifications and standards mentioned in Section VII, Schedule of Requirements and, when no applicable standard is mentioned, standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin;
	<p>(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser;</p> <p>(c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause 33.</p>
23. Packing and Documents	<p>23.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their named place of destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' named place of destination and the absence of heavy handling facilities at all points in transit.</p> <p>23.2 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 Purchaser.</p>
24. Insurance	<p>24.1 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.</p>
25. Transportation	<p>25.1 Unless otherwise specified in the SCC, responsibility for arranging transportation of the Goods shall be in accordance with the specified Incoterms.</p> <p>25.2 The Supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:</p> <ul style="list-style-type: none"> (a) Performance or supervision of on-site assembly and/or start-up of the supplied Goods; (b) Furnishing of tools required for assembly and/or maintenance of the supplied Goods; (c) Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods; (d) Performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and (e) Training of the Purchaser's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods. <p>25.3 Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, 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.</p>
26. Inspections and Tests	<p>26.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the SCC.</p> <p>26.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, and/or at the Goods' named place of destination, or in another place in the Purchaser's Country as specified in the SCC. Subject to GCC</p>

Sub-Clause 26.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

- 26.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 26.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.
- 26.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.
- 26.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications, codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection 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.
- 26.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.
- 26.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 26.4.
- 26.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor issue of any report pursuant to GCC Sub-Clause 26.6, shall release Supplier from any warranties or other obligations under the Contract.

27. Liquidated Damages

- 27.1 Except as provided under GCC Clause 32, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the **SCC** of the delivered price of the delayed Goods or unperformed Services for each week 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 Purchaser may terminate the Contract pursuant to GCC Clause 35.

28. Warranty

- 28.1 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.
- 28.2 Subject to GCC Sub-Clause 22.1(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 the country of named place of destination.
- 28.3 Unless otherwise specified in the **SCC**, the comprehensive maintenance contract shall remain valid for twenty-four (24) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the named place of destination indicated in the **SCC**, or for thirty (30) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.
- 28.4 The Purchaser shall give notice to the Supplier stating the nature of any such

defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

28.5 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 Purchaser.

28.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the **SCC**, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

29. Patent Indemnity

29.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 29.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

(a) The installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and

(b) The sale in any country of the products produced by the Goods.

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

29.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 29.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

29.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.

29.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.

29.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

30. Limitation of Liability

30.1 Except in cases of criminal negligence or willful misconduct,

(a) The Supplier shall not be liable to the Purchaser, 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 Purchaser; and

(b) The aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to

indemnify the purchaser with respect to patent infringement

- 31. Change in Laws and Regulations**
- 31.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in the place of the Purchaser's country where the Site is located (which shall be deemed to include any change in interpretation or application by competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause 15.
- 32. Force Majeure**
- 32.1 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 delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 32.2 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 Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 32.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- 33. Change Orders and Contract Amendments**
- 33.1 The Purchaser may at any time order the Supplier through notice in accordance 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 Purchaser;
 - (b) The method of shipment or packing;
 - (c) The place of delivery; and
 - (d) The Related Services to be provided by the Supplier.
- 33.2 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 twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.
- 33.3 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.
- 33.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.
- 34. Extensions of Time**
- 34.1 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 Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.
- 34.2 Except in case of Force Majeure, as provided under GCC Clause 32, 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 27, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 34.1.

35. Termination

35.1 Termination for Default

- (a) The Purchaser, 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 Purchaser pursuant to GCC Clause 34;
 - (ii) If the Supplier fails to perform any other obligation under the Contract; or
 - (iii) If the Supplier, in the judgment of the Purchaser 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 Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 35.1(a), the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser 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.

35.2 Termination for Insolvency

- (a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to Purchaser.

35.3 Termination for Convenience

- (a) The Purchaser, 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 Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective;
- (b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:
 - (i) To have any portion completed and delivered at the Contract terms and prices; and/or
 - (ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

36. Assignment

- 36.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

37. Export Restriction

- 37.1 Notwithstanding any obligation under the Contract to complete all export formalities, any export restrictions attributable to the Purchaser, to the country of the Purchaser, 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, always provided, however, that the Supplier can demonstrate to the satisfaction of the Purchaser and of the AFD 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 Purchaser's convenience pursuant to Sub-Clause 35.3.

Section IX- Special Conditions of Contract	
GCC 1.1(i)	The Purchaser's country is: <i>India</i>
GCC 1.1(j)	The Purchaser is: Assam Project on Forest and Biodiversity Conservation Society (APFBCS)
GCC 1.1 (o)	<p>The Project Site(s)/Named Place of Destination(s) is/are:</p> <p>Project Director, Project Management Unit, Assam Project on Forest and Biodiversity Conservation Society (APFBCS)</p> <p>Address: Aranya Bhawan, Panjabari, Guwahati – 781037 (Assam), India</p> <p>Telephone: +91-361-2733917.</p> <p>Electronic mail address: pd@apfbc.in</p>
GCC 4.2	<p>The meaning of the trade terms shall be as prescribed by Incoterms.</p> <p>The version edition of Incoterms shall be Incoterms 2010.</p> <p>However, the definition of the place and date associated with “delivery” is modified as follows:</p> <p>(a) Under “CIP” Incoterms defines “delivery” as the place and date where risk transfers from the seller to the buyer.</p> <p>(b) In these Bidding Documents, when using “CIP” and not referring to the transfer of risk, the term “delivery” shall be interpreted as the date and place where the Goods and Related Services arrive at the named place of destination, and this date shall be reflected in the Delivery and Completion Schedule.</p>
GCC 5.1	The governing and communication language shall be English
GCC 7.1	Goods and services from countries under embargo from France, the European Union or the United Nations are not eligible.
GCC 8.1	<p>For notices, the Purchaser's address shall be:</p> <p>Attention: Project Director, Project Management Unit, Assam Project on Forest and Biodiversity Conservation Society (APFBCS)</p> <p>Address: Aranya Bhawan, Panjabari, Guwahati – 781037 (Assam), India</p> <p>Telephone: +91-361-2733917.</p> <p>Electronic mail address: pd@apfbc.in</p>
GCC 9.1	The governing law shall be the law of: India
GCC 10.2	<p>The rules of procedure for arbitration proceedings pursuant to GCC Clause 10.2 shall be as follows:</p> <p><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 national of the Purchaser's country.”</i></p> <p>(a) Contract with foreign Supplier:</p> <p><i>If the Purchaser chooses the UNCITRAL Arbitration Rules, the following sample clause should be inserted:</i></p> <p>GCC 10.2—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 Purchaser chooses the Rules of ICC, the following sample clause should be inserted:</i></p> <p>GCC 10.2—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 said Rules.</p> <p>(b) Contracts with Supplier national of the Purchaser's country:</p> <p>In the case of a dispute between the Purchaser and a Supplier who is a national of the Purchaser's country, the dispute shall be referred to adjudication or arbitration in accordance with the laws of the Purchaser's country.</p>
GCC 13.1	<p>For Goods supplied from abroad:</p> <p>Upon shipment, the Supplier shall notify the Purchaser and the Insurance Company by cable or by electronic way previously agreed between parties the full details of the shipment, including Contract number, description of Goods, quantity, the mode of transport, the bill of lading number and date, place of loading, date of shipment, place of discharge, etc. The Supplier shall mail the following documents to the Purchaser, with a copy to the Insurance Company:</p> <p>(i) Copies of the Supplier's invoice showing Goods' description, quantity, unit price,</p>

	<p>and total amount;</p> <ul style="list-style-type: none"> (ii) Original and <u>two</u> copies of the negotiable, clean, on-board bill of lading marked "freight prepaid" and <u>two</u> copies of non-negotiable bill of lading; (iii) Copies of the packing list identifying contents of each package; (iv) Insurance certificate; (v) Manufacturer's or Supplier's warranty certificate; (vi) Inspection certificate, issued by the nominated inspection agency, and the Supplier's factory inspection report; and (vii) Certificate of origin. <p>The above documents shall be received by the Purchaser at least one week before arrival of the Goods at the place of arrival and, if not received, the Supplier will be responsible for any consequent expenses.</p> <p>For Goods from within the Purchaser's country:</p> <p>Upon delivery of the Goods to the transporter, the Supplier shall notify the Purchaser and mail the following documents to the Purchaser:</p> <ul style="list-style-type: none"> (i) Copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount; (ii) Delivery note, railway receipt, or truck receipt; (iii) Manufacturer's or Supplier's warranty certificate; (iv) Insurance certificate; (v) Inspection certificate issued by the nominated inspection agency, and the Supplier's factory inspection report; and (vi) Certificate of origin. <p>The above documents shall be received by the Purchaser before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses.</p>
GCC 15.1	<p>The prices charged for the Goods supplied and the related Services performed "shall" be adjustable.</p> <p>If prices are adjustable, the following method shall be used to calculate the price adjustment [see attachment to these SCC for a sample Price Adjustment Formula]</p> <p>Note: Disclose product life cycle comprising of all items like non-consumable & consumable items to operate the product, CMC cost including insurance of product with its component, support model direct OEM/ indirect partner driven, on-site/ off-site, item wise Service Standards for Response, Resolution TAT</p>
GCC 16.1	<p>GCC 16.1- 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 foreign currency portion shall be made in Rupees INR in the following manner:</p> <ul style="list-style-type: none"> (i) Advance Payment: Ten (10) percent of the Contract Price shall be paid within thirty (30) days of signing of the Contract, and upon submission of claim and a bank guarantee for equivalent amount valid until the Goods are delivered and, in the form, provided in the bidding documents or another form acceptable to the Purchaser; (ii) On Shipment: Eighty (80) percent of the Contract Price of the Goods shipped shall be paid [through irrevocable confirmed letter of credit opened in favor of the Supplier in a bank in its country], upon submission of documents specified in GCC Clause 13; (iii) On Acceptance: Ten (10) percent of the Contract Price of Goods received shall be paid within thirty (30) days of receipt of the Goods upon submission of claim supported by the acceptance certificate issued by the Purchaser. <p>Payment of local currency portion shall be made in INR Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed.</p> <p>Payment for Goods supplied from within the Purchaser's country:</p> <p>Payment for Goods supplied from within the Purchaser's country shall be made in INR Rupees,</p>

	<p>as follows:</p> <p>(i) Advance Payment: Ten (10) percent of the Contract Price shall be paid within thirty (30) days of signing of the Contract against a simple receipt and a bank guarantee for the equivalent amount and in the form provided in the bidding documents or another form acceptable to the Purchaser;</p> <p>(ii) On Delivery: Eighty (80) percent of the Contract Price shall be paid on receipt of the Goods and upon submission of the documents specified in GCC Clause 13;</p> <p>(iii) On Acceptance: The remaining ten (10) percent of the Contract Price shall be paid to the Supplier within thirty (30) days after the date of the acceptance certificate for the respective delivery issued by the Purchaser.</p>
GCC 16.1	<p>Payment to the Supplier of the amounts due in each currency shall be made into the following bank accounts:</p> <p>[insert bank account details at the time of contract signing]</p>
GCC 16.5	<p>The payment-delay period after which the Purchaser shall pay interest to the supplier shall be 60 days.</p> <p>The interest rate for payments in local currency that shall be applied is 4%.</p>
GCC 17.3	The following taxes, duties and fees exemptions apply to the Contract: NA
GCC 18.1	The amount of the Performance Security shall be: 10% percentage of the Accepted Contract Amount in the same currency(ies) of the Accepted Contract Amount.
GCC 18.3	<p>The Performance Security shall be in the form of: “a Bank Guarantee”</p> <p>The Performance security shall be denominated in “the currencies of payment of the Contract, in accordance with their portions of the Contract Price”</p>
GCC 23.2	The packing, marking and documentation within and outside the packages shall be: clearly labeled marked with consignment note and delivery advice along with special handling instruction, if any.
GCC 24.1	The insurance coverage shall be as specified in the Incoterms.
GCC 25.1	<p>Responsibility for transportation of the Goods shall be as specified in the Incoterms.</p> <p>If not in accordance with Incoterms, responsibility for transportations shall be as follows:</p> <p><i>“The Supplier is required under the Contract to transport the Goods to Project Management Unit, Assam Project on Forest and Biodiversity Conservation Society (APFBCS), Aranya Bhawan, Panjabari, Guwahati – 781037 (Assam), India; 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 Purchaser and the Supplier).</i></p>
GCC 25.2	Incidental services to be provided are: included in ‘List of Related Services and Completion Schedule’.
GCC 26.1	The inspections and tests shall be: as specified in ‘Inspections and Tests’.
GCC 26.2	The Inspections and tests shall be conducted at the site specified by the purchaser.
GCC 27.1	The liquidated damage shall be: 0.5% of the invoice amount against the deliverables per Day for late delivery of each expected Deliverable shall be due by the Consultant as Delay Damages
GCC 27.1	The maximum amount of liquidated damages shall be: 0.5% (zero point five percent) per week and maximum 10% (ten percent) of the final Contract Price. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause 35.
GCC 28.3	The period of validity of the Comprehensive Maintenance Contract shall be: included in Technical Specification.
GCC 28.5 and GCC 28.6	<p>Service Standards: The period of time for repair or replacement shall be:</p> <p>Minor Repair - < 2 days</p> <p>Major Repair - < 10 days</p> <p>Replacement of sensor - < 1 month (in case of imported items)</p> <p><i>*Major item such as drone, sensor, motor, ground control station, etc. and minor item such as battery, rotors, frame, tripods, antenna, etc.</i></p>

APPENDIX-1 to Special Conditions of Contract - Corrupt and Fraudulent Practices Policy and Social and Environmental Responsibility

1. Corrupt and Fraudulent Practices

The Contracting Authority and the suppliers, contractors, subcontractors, consultants or subconsultants must observe the highest standard of ethics during the procurement process and performance of the contract. The Contracting Authority means the Purchaser, the Employer, the Client, as the case may be, for the procurement of goods, works, plants, consulting services or non-consulting services.

By signing the Statement of Integrity the suppliers, contractors, subcontractors, consultants or subconsultants declare that (i) "it did not engage in any practice likely to influence the contract award process to the Contracting Authority's detriment, and that it did not and will not get involved in any anti-competitive practice", and that (ii) "the procurement process and the performance of the contract did not and shall not give rise to any act of corruption or fraud".

Suppliers, contractors, subcontractors, consultants or subconsultants will permit AFD to inspect their accounts and records relating to the procurement process and performance of the AFD-financed contract, and to have them audited by auditors appointed by AFD.

The AFD reserves the right to take any action it deems appropriate to check that these ethics rules are observed and reserves, in particular, the rights to:

- a) Reject a proposal for a contract award if it is established that during the selection process the bidder or consultant that is recommended for the award has been convicted of corruption, directly or by means of an agent, or has engaged in fraud or anti-competitive practices in view of being awarded the Contract;
- b) Declare misprocurement when it is established that, at any time, the Contracting Authority, the suppliers, contractors, subcontractors, consultants or subconsultants their representatives have engaged in acts of corruption, fraud or anti-competitive practices during the procurement process or performance of the contract without the Contracting Authority having taken appropriate action in due time satisfactory to AFD to remedy the situation, including by failing to inform AFD at the time they knew of such practices.

AFD defines, for the purposes of this provision, the terms set forth below as follows:

- a) Corruption of a Public Officer means:
 - The act of promising, offering or giving to a Public Officer, directly or indirectly, an undue advantage of any kind for himself or for another Person¹ or entity, for such Public Officer to act or refrain from acting in his official capacity; or
 - The act by which a Public Officer solicits or accepts, directly or indirectly, an undue advantage of any kind for himself or for another Person or entity, for such Public Officer to act or refrain from acting in his official capacity.
- b) A Public Officer shall be construed as meaning:
 - Any person who holds a legislative, executive, administrative or judicial mandate (within the country of the Contracting Authority) regardless of whether that natural Person was nominated or elected, regardless of the permanent or temporary, paid or unpaid nature of the position and regardless of the hierarchical level the natural Person occupies;
 - Any other natural Person who performs a public function, including for a State institution or a State-owned company, or who provides a public service;
 - Any other natural Person defined as a Public Officer by the national laws of the country of the Contracting Authority.
- c) Corruption of a Private Person² means:
 - The act of promising, offering or giving to any Private Person, directly or indirectly, an undue advantage of any kind for himself or for another Person or entity, for such Private Person to perform or refrain from performing any act in breach of its legal, contractual or professional obligations; or;

¹ Means any Person whether natural or legal, firm, company, corporation, government, state or state agency or any association, or group of two or more of the foregoing (whether or not having separate legal status).

² Means any natural Person other than a Public Officer.

- The act by which any Private Person solicits or accepts, directly or indirectly, an undue advantage of any kind for himself or for another Person or entity, for such Private Person to perform or refrain from performing any act in breach of its legal, contractual or professional obligations.
- d) Fraud means any dishonest conduct (act or omission), whether or not it constitutes a criminal offence, deliberately intended to deceive others, to intentionally conceal items, to violate or vitiate consent, to circumvent legal or regulatory requirements and/or to violate internal rules in order to obtain illegitimate profit.
- e) Anti-competitive practices mean:
 - Any concerted or implied practices which have as their object or effect the prevention, restriction or distortion of competition within a marketplace, especially where they (i) limit access to the marketplace or free exercise of competition by other undertakings, (ii) prevent free, competition-driven price determination by artificially causing price increases or decreases, (iii) restrict or control production, markets, investments or technical progress; or (iv) divide up market shares or sources of supply;
 - Any abuse by one undertaking or a group of undertakings which hold a dominant position on an internal market or on a substantial part of it;
 - Any practice whereby prices are quoted or set unreasonably low, the object of which is to eliminate an undertaking or any of its products from a market or to prevent it from entering the market.

2. Social and Environmental Responsibility

In order to promote sustainable development, AFD seeks to ensure that internationally recognized environmental and social standards are complied with. Suppliers, contractors, subcontractors, consultants or subconsultants for AFD-financed contracts shall consequently undertake in the Statement of Integrity to:

- a) Comply with and ensure that all their subcontractors or subconsultants comply with international environmental and labour standards, consistent with applicable law and regulations in the country of implementation of the contract, including the fundamental conventions of the International Labour Organization (ILO) and international environmental treaties;
- b) Implement environmental and social risks mitigation measures when specified in the environmental and social management plan (ESMP) provided by the Contracting Authority.

Attachment: Price Adjustment Formula

If in accordance with GCC 15.1, prices shall be adjustable, the following method shall be used to calculate the price adjustment:

- 15.1 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:

$$P_1 = P_0 [a + \frac{bL_1}{L_0} + \frac{cM_1}{M_0}] - P_0$$
$$a+b+c = 1$$

in which:

- P_1 = adjustment amount payable to the Supplier;
- P_0 = Contract Price (base price);
- a = fixed element representing profits and overheads included in the Contract Price and generally in the range of five (5) to fifteen (15) percent;
- b = estimated percentage of labor component in the Contract Price;
- c = estimated percentage of material component in the Contract Price;
- L_0, L_1 = labor indices applicable to the appropriate industry in the country of origin on the base date and date for adjustment, respectively;
- M_0, M_1 = 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 Purchaser are 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) No 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 Purchaser 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 P_0 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.

Section X – Contract Forms

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Letter of Acceptance

[Letterhead paper of the Employer]

Date: _____ *[Insert Date]*

To: _____ *[Name and address of the Contractor]*

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

This is to notify you that your Bid dated _____ *[Insert date]* for execution of the _____
[name of the Contract and identification number, as given in the SCC] for the Contract Price _____
[amount in numbers and words] [name of currency], as corrected and modified in accordance with the Instructions
to Bidders, is hereby accepted by our institution.

You are requested to furnish the Performance Security within 28 days in accordance with the Conditions of
Contract, using for that purpose the Performance Security Form included in Section X, Contract Forms, of the
Bidding Documents.

Authorized Signature: _____

Name and Title of Signatory: _____

Name of institution: _____

Attachment: Contract Agreement

Contract Agreement

THIS AGREEMENT made the _____ day of _____, _____, between _____ of _____ (hereinafter "**the Purchaser**"), of the one part, and _____ of _____ (hereinafter "**the Supplier**"), of the other part:

WHEREAS the Purchaser 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 are respectively assigned to them in the Contract documents referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other Contract documents.
 - a) The Letter of Acceptance;
 - b) The Bid Submission Form and Appendix to Bid Submission Form (including the signed Statement of Integrity);
 - c) The addenda Nos _____ (if any);
 - d) Special Conditions of Contract;
 - e) General Conditions of Contract;
 - f) The Specifications (including Schedule of Requirements and Technical Specifications);
 - g) The Bidding Forms (including Price Schedules);
 - h) Any other document listed in GCC as forming part of the contract.
3. 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 Purchaser to the Supplier as specified in this Agreement, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and 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 _____ on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*

In the capacity of *[insert title or other appropriate designation]*

In the presence of *[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 identification of official witness]*

Performance Security

Demand guarantee

Beneficiary: _____

Date: _____

PERFORMANCE GUARANTEE No.: _____

Guarantor: _____

We have been informed that *[insert name of Supplier, which in the case of a joint venture shall be the name of the joint venture]* (hereinafter called "the Applicant") has entered into Contract No. *[insert reference number of the contract]* dated *[insert date]* with the Beneficiary, for the supply of *[insert name of contract and brief 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 Applicant, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of *[insert amount in figures]* ☐ *[insert amount in words]*,¹ such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of the Beneficiary's first demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without the Beneficiary needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the Day of, 2...², and any demand for payment under it must be received by us at this office indicated above on or before that date.

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

_____ *[Signature]*

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

¹The Guarantor shall insert an amount representing the percentage of the Accepted Contract Amount specified in the Letter of Acceptance and denominated either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Beneficiary.

²Insert the date twenty-eight days after the expected completion dates described in GC Clause 18.4. The Purchaser should note that in the event of an extension of this date for completion of the Contract, the Purchaser would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the Purchaser might consider adding the following text to the form, at the end of the penultimate paragraph: "The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed *[six months]* *[one year]*, in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee."

Advance Payment Security

Demand Guarantee

[Guarantor letterhead or SWIFT identifier code]

Beneficiary: _____

Date: _____

ADVANCE PAYMENT GUARANTEE No.: _____

Guarantor: _____

We have been informed that _____ (hereinafter called "the Applicant") has entered into Contract No. _____ dated _____ with the Beneficiary, for the execution of _____ (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum *[insert amount in figures]* (_____) *[insert amount in words]* is to be made against an advance payment guarantee.

At the request of the Applicant, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of *[insert amount in figures]* () *[insert amount in words]*¹ upon receipt by us of the Beneficiary's first demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating either that the Applicant:

- (a) Has used the advance payment for purposes other than toward delivery of Goods; or
- (b) Has failed to repay the advance payment in accordance with the Contract conditions, specifying the amount which the Applicant has failed to repay.

A demand under this guarantee may be presented as from the presentation to the Guarantor of a certificate from the Beneficiary's bank stating that the advance payment referred to above has been credited to the Applicant on its account number *[insert number]* at *[insert name and address of Applicant's bank]*.

The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Applicant as specified in copies of interim statements or payment certificates which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of a copy of the interim payment certificate indicating that ninety (90) percent of the Accepted Contract Amount, has been certified for payment, or on the *[insert date¹]*, whichever is earlier. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No.758.

[signature(s)]

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

¹The Guarantor shall insert an amount representing the amount of the advance payment and denominated either in the currency(ies) of the advance payment as specified in the Contract, or in a freely convertible currency acceptable to the Purchaser.

¹ Insert the Delivery date of the Goods at the named place of destination stipulated in the Contract Delivery Schedule. The Purchaser should note that in the event of an extension of the time to perform the Contract, the Purchaser would need to request an extension of this Guarantee from the bank. Such request must be in writing and must be made prior to the expiration date established in the Guarantee. In preparing this Guarantee, the Purchaser might consider adding the following text to the Form, at the end of the penultimate paragraph: "We agree to a one-time extension of this Guarantee for a period not to exceed *[six months]* *[one year]*, in response to the Purchaser's written request for such extension, such request to be presented to us before the expiry of the Guarantee."