

**PHILIPPINE BIDDING DOCUMENTS**

**SUPPLY AND DELIVERY OF VARIOUS  
TECHNICAL AND SCIENTIFIC  
EQUIPMENT FOR SPECIAL ENGINEERING  
PROGRAMS AND PROJECTS DIVISION**

IB NO. 016-24



Government of the Republic of the Philippines  
Department of Agriculture  
**Bureau of Agricultural and Fisheries Engineering (BAFE)**

**Sixth Edition  
July 2020**

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# ***Glossary of Acronyms, Terms, and Abbreviations***

**ABC** – Approved Budget for the Contract.

**BAC** – Bids and Awards Committee.

**Bid** – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender*. (2016 revised IRR, Section 5[c])

**Bidder** – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

**Bidding Documents** – The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

**BIR** – Bureau of Internal Revenue.

**BSP** – Bangko Sentral ng Pilipinas.

**Consulting Services** – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to: (i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

**CDA** - Cooperative Development Authority.

**Contract** – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

**CIF** – Cost Insurance and Freight.

**CIP** – Carriage and Insurance Paid.

**CPI** – Consumer Price Index.

**DDP** – Refers to the quoted price of the Goods, which means “delivered duty paid.”

**DTI** – Department of Trade and Industry.

**EXW** – Ex works.

**FCA** – “Free Carrier” shipping point.

**FOB** – “Free on Board” shipping point.

**Foreign-funded Procurement or Foreign-Assisted Project**– Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

**Framework Agreement** – Refers to a written agreement between a procuring entity and a supplier or service provider that identifies the terms and conditions, under which specific purchases, otherwise known as “Call-Offs,” are made for the duration of the agreement. It is in the nature of an option contract between the procuring entity and the bidder(s) granting the procuring entity the option to either place an order for any of the goods or services identified in the Framework Agreement List or not buy at all, within a minimum period of one (1) year to a maximum period of three (3) years. (GPPB Resolution No. 27-2019)

**GFI** – Government Financial Institution.

**GOCC** – Government-owned and/or –controlled corporation.

**Goods** – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term “related” or “analogous services” shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

**GOP** – Government of the Philippines.

**GPPB** – Government Procurement Policy Board.

**INCOTERMS** – International Commercial Terms.

**Infrastructure Projects** – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology

projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

**LGUs** – Local Government Units.

**NFCC** – Net Financial Contracting Capacity.

**NGA** – National Government Agency.

**PhilGEPS** - Philippine Government Electronic Procurement System.

**Procurement Project** – refers to a specific or identified procurement covering goods, infrastructure projects or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

**PSA** – Philippine Statistics Authority.

**SEC** – Securities and Exchange Commission.

**SLCC** – Single Largest Completed Contract.

**Supplier** – refers to a citizen, or any corporate body or commercial company duly organized and registered under the laws where it is established, habitually established in business and engaged in the manufacture or sale of the merchandise or performance of the general services covered by his bid. (Item 3.8 of GPPB Resolution No. 13-2019, dated 23 May 2019). Supplier as used in these Bidding Documents may likewise refer to a distributor, manufacturer, contractor, or consultant.

**UN** – United Nations

# ***Section I. Invitation to Bid***

## **SUPPLY AND DELIVERY OF VARIOUS TECHNICAL AND SCIENTIFIC EQUIPMENT FOR SPECIAL ENGINEERING PROGRAMS AND PROJECTS DIVISION**

1. The **Bureau of Agricultural and Fisheries Engineering (BAFE)** through the **FY 2024 FUNDS** intends to apply the sum of **One Million Eight Hundred Eighty-Six Thousand Six Hundred Pesos (PhP1,886,600.00)** being the Approved Budget for the Contract (ABC) to payments under the contract for the **SUPPLY AND DELIVERY OF VARIOUS TECHNICAL AND SCIENTIFIC EQUIPMENT FOR SPECIAL ENGINEERING PROGRAMS AND PROJECTS DIVISION** under **IB No. 016-24** details as follows:

<b>Lot No.</b>	<b>Description</b>	<b>ABC (PhP)</b>
1	Set of Modern Land and Surveying and Post Processing Tool and Equipment	750,000.00
2	Drone Camera	760,000.00
3	Various Technical and Scientific Equipment	376,600.00
	<b>Grand Total</b>	<b>1,886,600.00</b>

Bids received in excess of the ABC shall be automatically rejected at bid opening.

2. The **BAFE** now invites bids for **Supply and Delivery of Various Technical and Scientific Equipment for Special Engineering Programs and Projects Division** completes the delivery and acceptance including demonstration/ testing of various technical and scientific equipment required within **Sixty (60) Calendar Days from the receipt of the Notice to Proceed (NTP)**. Bidders should have completed, within **two (2) years** prior to the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instructions to Bidders.
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary **“pass/fail”** criterion as specified in the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184, otherwise known as the **“Government Procurement Reform Act”**.

Bidding is restricted to Filipino citizens/ sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA 5183.

4. Prospective Bidders may obtain further information from **BAFE-BAC Secretariat, BAFE Office**, and inspect the Bidding Documents at the address given below from **8:00 AM –**

**5:00 PM, Monday to Friday, before the opening of bids scheduled on November 26, 2024, 2:00 PM PST.**

5. A complete set of Bidding Documents may be acquired by interested Bidders starting on **November 6, 2024** from the address below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, details are as follows:

<b>Lot No.</b>	<b>Description</b>	<b>ABC (PhP)</b>	<b>Cost of Bidding Documents (PhP)</b>
1	Set of Modern Land and Surveying and Post Processing Tool and Equipment	750,000.00	1,000.00
2	Drone Camera	760,000.00	1,000.00
3	Various Technical and Scientific Equipment	376,600.00	500.00
<b>Grand Total</b>			<b>2,500.00</b>

*Note: Bidders may participate in all or any lots of this requirement*

The cost of Bidding Documents for all items is **Two Thousand Five Hundred Pesos (PhP 2,500.00)**. It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) ([www.philgeps.gov.ph](http://www.philgeps.gov.ph)) and the website of the Procuring Entity ([bafe.da.gov.ph](http://bafe.da.gov.ph)), provided that Bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person.

6. The **BAFE-BAC** will hold a Pre-Bid Conference on **November 14, 2024, 02:00 PM PST** at **the BAFE Conference Room, BAFE Office, Sugar Center, Annex II Building Extension, North Avenue, Diliman, Quezon City and/or via Google Meet** which shall be open to prospective bidders. For interested bidders, kindly signify intent of joining the conference by sending an email at [bac.sec@bafe.da.gov.ph](mailto:bac.sec@bafe.da.gov.ph) until **November 14, 2024 at 12:00 PST**.
7. Bids must be duly received by the **Bids and Awards Committee (BAC) - Secretariat through manual submission** at the office address indicated below, on or before **November 26, 2024, 12:00 NN PST**. Late bids shall not be accepted.
8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB Clause 14**.
9. Bid opening shall be on **November 26, 2024, 2:00 PM PST** at the **BAFE Conference Room, BAFE Office, Sugar Center, Annex II Building Extension, North Avenue, Diliman, Quezon City and/or via Google Meet**. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity, physically or virtually.

10. Bidders shall bear all costs with the preparation and submission of their bids, and the BAFE-BAC will in no case, be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

Bidders should note that the BAFE-BAC will accept bids only from those that have paid the applicable fee for the Bidding Documents.

The BAFE-BAC assumes no responsibility whatsoever to compensate or indemnify bidders for any expenses incurred in the preparation of their bids.

In accordance with Government Procurement Policy Board (GPPB) Circular 06-2005 - Tie-Breaking Method, the Bids and Awards Committee (BAC) shall use a non-discretionary and non-discriminatory measure based on sheer luck or chance, which is "DRAW LOTS," in the event that two (2) or more bidders have been post-qualified and determined as the bidder having the Lowest Calculated Responsive Bid (LCRB) to determine the final bidder having the LCRB, based on the following procedures:

- a) To decide the order of picking a box to determine the final bidder, the BAC shall draw lots among the names of the bidders.
  - b) The lucky bidder who would pick the box with a "CONGRATULATIONS!" remark shall be declared as the final bidder having the LCRB and recommended for award of the contract.
11. The BAFE-BAC reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
  12. For further information, please refer to:  
***Attention: Bids and Awards Committee (BAC)***  
***Bureau of Agricultural and Fisheries Engineering (BAFE) Office***  
***Sugar Center, Annex II Building Extension,***  
***North Avenue, Diliman, Quezon City***  
***[bafe.procurement@gmail.com](mailto:bafe.procurement@gmail.com)***

*(ORIGINAL SIGNED)*  
**LOURDES C. BONIFACIO**  
Chairperson, Bids and Awards



## ***Section II. Instructions to Bidders***

### **1. Scope of Bid**

The Procuring Entity, **Bureau of Agricultural and Fisheries Engineering (BAFE)** wishes to receive Bids for the **Supply and Delivery of Various Technical and Scientific Equipment for Special Engineering Programs and Projects Division** under **IB No. 016-24**.

The Procurement Project (referred to herein as “Project”) is composed of **Three (3) Lots**, the details of which are described in Section VII (Technical Specifications).

### **2. Funding Information**

2.1. The GOP through the source of funding as indicated below for **FY 2024 Funds** in the amount of **One Million Eight Hundred Eighty-Six Thousand Six Hundred Pesos (1,886,600.00)**.

2.2. The source of funding is: **FY 2024 Funds**

### **3. Bidding Requirements**

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manuals and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or **IB** by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have verified and accepted the general requirements of this Project, including other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

### **4. Corrupt, Fraudulent, Collusive, and Coercive Practices**

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive,

coercive, and obstructive practices defined under Annex “I” of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

## 5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. Foreign ownership limited to those allowed under the rules may participate in this Project.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA’s CPI, must be at least equivalent to:
  - a. For the procurement of Non-expendable Supplies and Services: The Bidder must have completed a single contract that is similar to this Project, equivalent to **at least fifty percent (50%) of the ABC**.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

## 6. Origin of Goods

There is no restriction on the origin of goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN, subject to Domestic Preference requirements under **ITB** Clause 18.

## 7. Subcontracts

- 7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than twenty percent (20%) of the Project.

The Procuring Entity has prescribed that **Subcontracting is not allowed**.

- 7.2. Subcontracting of any portion of the Project does not relieve the Supplier of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Supplier’s own acts, defaults, or negligence, or those of its agents, servants, or workmen.

## 8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on **November 14, 2024, 02:00 PM PST** at the **BAFE Conference Room, BAFE Office, Sugar**

**Center, Annex II Building Extension, North Avenue, Diliman, Quezon City and/or via Google Meet** as indicated in paragraph 6 of the **IB**.

## **9. Clarification and Amendment of Bidding Documents**

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

## **10. Documents comprising the Bid: Eligibility and Technical Components**

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within two (2) years prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

## **11. Documents comprising the Bid: Financial Component**

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

## 12. Bid Prices

12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:

- a. For Goods offered from within the Procuring Entity's country:
  - i. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable);
  - ii. The cost of all customs duties and sales and other taxes already paid or payable;
  - iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
  - iv. The price of other (incidental) services, if any, listed in e.
- b. For Goods offered from abroad:
  - i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.
  - ii. The price of other (incidental) services, if any, as listed in **Section VII (Technical Specifications)**.

## 13. Bid and Payment Currencies

13.1. For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.

13.2. Payment of the contract price shall be made in **Philippine Pesos**.

## 14. Bid Security

- 14.1. The Bidder shall submit a Bid Securing Declaration<sup>1</sup> or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 14.2. The Bid and bid security shall be valid until **One Hundred Twenty (120) calendar days from the opening of bids**. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

## 15. Sealing and Marking of Bids

Each Bidder shall submit one copy of the first and second components of its Bid.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

## 16. Deadline for Submission of Bids

- 16.1. The Bidders shall submit their bids on or before **November 26, 2024, 12:00 NN PST**, at its physical address as indicated in paragraph 7 of the **IB**.

## 17. Opening and Preliminary Examination of Bids

- 17.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

- 17.2. The preliminary examination of bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

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<sup>1</sup> In the case of Framework Agreement, the undertaking shall refer to entering into contract with the Procuring Entity and furnishing of the performance security or the performance securing declaration within ten (10) calendar days from receipt of Notice to Execute Framework Agreement.

## 18. Domestic Preference

- 18.1. The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

## 19. Detailed Evaluation and Comparison of Bids

- 19.1. The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*," using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.
- 19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case may be. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.
- 19.3. The descriptions of the lots or items shall be indicated in **Section VII (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.
- 19.4. The Project shall be awarded as follows:  
  
**One Project having Three (3) lots, which shall be awarded as a separate contract.**
- 19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

## 20. Post-Qualification

- 20.1. Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

## **21. Signing of the Contract**

- 21.1. The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

## ***Section III. Bid Data Sheet***

### **Notes on the Bid Data Sheet**

The Bid Data Sheet (BDS) consists of provisions that supplement, amend, or specify in detail, information, or requirements included in the ITB found in Section II, which are specific to each procurement.

This Section is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in the ITB and has to be prepared for each specific procurement.

The Procuring Entity should specify in the BDS information and requirements specific to the circumstances of the Procuring Entity, the processing of the procurement, and the bid evaluation criteria that will apply to the Bids. In preparing the BDS, the following aspects should be checked:

- a. Information that specifies and complements provisions of the ITB must be incorporated.
- b. Amendments and/or supplements, if any, to provisions of the ITB as necessitated by the circumstances of the specific procurement, must also be incorporated.

# Bid Data Sheet

ITB Clause																			
5.3	For this purpose, contracts similar to the Project shall be: <ul style="list-style-type: none"> <li>a. Supply, Delivery and Installation of Technical and Scientific Equipment</li> <li>b. Completed within <b>two (2) years</b> prior to the deadline for the submission and receipt of bids.</li> </ul>																		
7.1	<b>Subcontracting is not allowed.</b>																		
14.1	The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 10%; text-align: center;">Lot No.</th> <th style="width: 40%; text-align: center;">Item/Description</th> <th style="width: 30%; text-align: center;">Amount Cash, Cashier's / Manager's Check, Bank, Draft/ Guarantee or Irrevocable Letter of Credit (2%)</th> <th style="width: 20%; text-align: center;">Surety Bond (5%)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Set of Modern Land and Surveying and Post Processing Tool and Equipment</td> <td style="text-align: center;">15,000.00</td> <td style="text-align: center;">37,500.00</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Drone Camera</td> <td style="text-align: center;">15,200.00</td> <td style="text-align: center;">38,000.00</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Various Technical and Scientific Equipment</td> <td style="text-align: center;">7,532.00</td> <td style="text-align: center;">18,830.00</td> </tr> </tbody> </table>			Lot No.	Item/Description	Amount Cash, Cashier's / Manager's Check, Bank, Draft/ Guarantee or Irrevocable Letter of Credit (2%)	Surety Bond (5%)	1	Set of Modern Land and Surveying and Post Processing Tool and Equipment	15,000.00	37,500.00	2	Drone Camera	15,200.00	38,000.00	3	Various Technical and Scientific Equipment	7,532.00	18,830.00
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2	Drone Camera	15,200.00	38,000.00																
3	Various Technical and Scientific Equipment	7,532.00	18,830.00																



15	<p>The Bidder shall submit one (1) original eligibility and technical documents which shall be sealed in one (1) envelope marked as “<b>ORIGINAL TECHNICAL COMPONENT</b>” and one (1) set of Financial Documents (Financial Proposals) which shall be sealed in one (1) envelope marked as “<b>ORIGINAL FINANCIAL COMPONENT</b>”. Both envelopes shall be placed in one (1) outer envelope marked as “<b>ORIGINAL DOCUMENTS - ENVELOPE 1</b>”.</p> <p>Bidder must arrange each bid document into sections with tabs properly labeled separating each document according to the provided checklist.</p> <p>Further, the Bidder shall submit <b>one (1) set of photocopies</b> and <b>one (1) set of scanned/soft copies (saved as PDF in a flash drive)</b> of the Original Documents. These documents shall be enclosed in <b>one (1) envelope marked as “Copy 1”</b>.</p> <p><b>All two (2) envelopes (“Original Documents - ENVELOPE 1” and “COPY 1” shall be sealed in one (1) OUTER ENVELOPE and shall be labeled with the [PROJECT TITLE] and the [BIDDER’S NAME] and [ADDRESS].</b></p>
19.3	<p>Partial bids are allowed. All Goods are grouped in lots listed below. Bidders shall have the option of submitting a proposal on any or all lots and evaluation and contract award will be undertaken on a per lot basis. Lots shall not be divided further into sub-lots for the purpose of bidding, evaluation, and contract award.</p> <p>In all cases, the NFCC computation, if applicable, must be sufficient for all the lots or contracts to be awarded to the Bidder. The ABC is amounting to <b>One Million Eight Hundred Eighty-Six Thousand Six Hundred Pesos (PhP 1,886,600.00)</b>.</p>
20.1	<p>The bidder having the Lowest Calculated Bid (LCB) or Single Calculated Bid (SCB) shall submit within a non-extendible period of five (5) calendar days from the BAC Notice as the LCB/SCB, the following:</p> <ol style="list-style-type: none"> <li>1. Securities and Exchange Commission (SEC) Registration Certificate for corporations, partnerships and/or joint ventures, Department of Trade and Industry (DTI) Registration Certificate for sole proprietorship, or Cooperative Development Authority (CDA) Registration Certificate for cooperatives;</li> <li>2. Valid Mayor’s or Business Permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Zones or Areas.</li> </ol> <p>In cases of recently expired Mayor’s/Business Permits, it shall be accepted together with the official receipt as proof that the bidder has applied for the renewal within the period prescribed by the concerned local government unit;</p>

	<p>3. Valid Tax Clearance Certificate per Executive Order (E.O) No. 398, series of 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR); and</p> <p>4. Latest AFS stamped “received” by the BIR or its duly accredited and authorized institutions, for the preceding calendar year. In case the AFS for the preceding calendar year is not yet available, said AFS should not be earlier than two (2) years from the deadline for the Submission and Receipt of Bids.</p> <p>5. Latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) in accordance with Executive Order (E.O) No. 398, Revenue Regulation (R.R) No. 03-2005 and Revenue Memorandum Circular (RMC) 16-2005, the above-mentioned tax returns shall refer to the following:</p> <p style="padding-left: 40px;">5.1 Latest Income Tax Return (ITR) shall be the ITR for the preceding year, whether calendar or fiscal, and</p> <p style="padding-left: 40px;">5.2 Latest Business Tax Return shall refer to the Value Added Tax (VAT) or Percentage Tax filed and paid covering the previous six (6) months before the date of Submission, Receipt, Opening &amp; Preliminary Examination of Bids.</p> <p>The TWG during post-qualification shall conduct site inspection to ascertain the authenticity/existence of the store and supporting documents. Likewise, the TWG shall verify the compliance or responsiveness of the actual sample or brochure of the items being offered with the Technical Specifications and other Terms and Conditions of the project.</p>
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## ***Section IV. General Conditions of Contract***

### **Notes on the General Conditions of Contract**

The General Conditions of Contract (GCC) in this Section, read in conjunction with the Special Conditions of Contract in Section V and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

Matters governing performance of the Supplier, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are included in the GCC and Special Conditions of Contract.

Any complementary information, which may be needed, shall be introduced only through the Special Conditions of Contract.

## 1. Scope of Contract

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

Additional requirements for the completion of this Contract shall be provided in the **Special Conditions of Contract (SCC)**.

## 2. Advance Payment and Terms of Payment

2.1. Advance payment of the contract amount is provided under Annex "D" of the revised 2016 IRR of RA No. 9184.

2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

## 3. Performance Security

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184.

## 4. Inspection and Tests

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the **SCC, Section VII (Technical Specifications)** shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

## **5. Warranty**

5.1 In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.

5.2 The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

## **6. Liability of the Supplier**

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Supplier is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity

## ***Section V. Special Conditions of Contract***

### **Notes on the Special Conditions of Contract**

Similar to the BDS, the clauses in this Section are intended to assist the Procuring Entity in providing contract-specific information in relation to corresponding clauses in the GCC found in Section IV.

The Special Conditions of Contract (SCC) complement the GCC, specifying contractual requirements linked to the special circumstances of the Procuring Entity, the Procuring Entity's country, the sector, and the Goods purchased. In preparing this Section, the following aspects should be checked:

- a. Information that complements provisions of the GCC must be incorporated.
- b. Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

However, no special condition which defeats or negates the general intent and purpose of the provisions of the GCC should be incorporated herein.

# Special Conditions of Contract

GCC Clause	
1.	<p><b>Delivery and Documents -</b></p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p>The delivery terms applicable to this Contract are delivered to <b>BAFE Office, Sugar Center, Annex II Building Extension, North Avenue, Diliman, Quezon City</b>. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).</p> <p>For purposes of this Clause, the Procuring Entity’s Representatives at the Project Site are <b>ENGR. MARK TWAIN A. LIMBO, ENGR. ROMEL A. CABALLERO, ENGR. CHRISTIAN D. MANALANG, AND MS. RODHELENE C. MAÑALAC</b>.</p> <p><b>Incidental Services -</b></p> <p>The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements:</p> <ol style="list-style-type: none"> <li>a. performance or supervision of on-site assembly and/or start-up of the supplied Goods;</li> <li>b. furnishing of tools required for assembly and/or maintenance of the supplied Goods;</li> <li>c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;</li> <li>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</li> <li>e. training of the Procuring Entity’s personnel, at the Supplier’s plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.</li> </ol>

The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

**Spare Parts**

The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

- a. such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and
- b. in the event of termination of production of the spare parts:
  - i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and
  - ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.

The spare parts and other components required are listed in **Section VI (Schedule of Requirements)** and the cost thereof are included in the contract price.

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of **three (3) years warranty**.

Spare parts or components shall be supplied as promptly as possible, but in any case, **within one (1) month** of placing the order.

**Packaging**

The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

The packaging, 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 below, and in any subsequent instructions ordered by the Procuring Entity.

The outer packaging must be clearly marked on at least four (4) sides as follows:

Name of the Procuring Entity



	<p>Name of the Supplier</p> <p>Contract Description</p> <p>Final Destination</p> <p>Gross weight</p> <p>Any special lifting instructions</p> <p>Any special handling instructions</p> <p>Any relevant HAZCHEM classifications</p>
	<p>A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.</p> <p><b>Transportation -</b></p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.</p> <p>Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.</p>
	<p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.</p> <p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.</p> <p><b>Intellectual Property Rights -</b></p>

	The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.
	<b>Regular and Recurring Services -</b> [In case of contracts for regular and recurring services, state:] “The contract for regular and recurring services shall be subject to a renewal whereby the performance evaluation of the service provider shall be conducted in accordance with Section VII. Technical specifications.”
2.2	<b>Terms of Payment:</b>  The payment shall be done within thirty (30) working days upon receipt, inspection and acceptance of the various Technical and Scientific Equipment including documents such as sales invoice and warranty documents.

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The inspections and tests that will be conducted are:

**TERMS AND CONDITIONS**

1. The delivery and acceptance including demonstration/testing is within 120 calendar days upon the receipt of Notice to Proceed;
2. Freight-on-Board (FOB) Destination. The supplier will shoulder the delivery expense to the drop-off point;
3. Delivery point is at The Bureau of Agricultural and Fisheries Engineering (BAFE) at ,3rd Floor, Sugar Regulatory Administration Building (SRA) Main Building.
4. The technical representative of the supplier shall be the one to unpack the package after the delivery to the drop-off point and test for the functionality of the equipment;
5. The technical representative of the supplier shall be the one to assemble, adjust and provide training on the actual use and operation of Set of Modern Land Surveying and Post-processing tools. The training materials/inputs/medium to be used in the training and testing of functionality shall be provided by the supplier at no cost;
6. The training will be conducted prior to the acceptance of the equipment upon the availability of the end-user.
7. Certificate of undertaking of the training shall be provided by the technical representative of the supplier.
8. The supplier must provide an after-sales invoice within 72 hours.
9. The supplier must have at least two (2) years' experience.

**INSPECTION AND ACCEPTANCE**

1. After sales service and support during the warranty period, all reported defects shall be completely/satisfactorily repaired/replaced by the winning bidder/supplier within 72 hours after a receipt of verbal and/or written notice from the procuring entity.
2. The Procuring Entity shall have the right to reject and return the unit and cancel the corresponding Contract if units delivered are defective, incomplete or non-compliant to the specifications herein specified.

## ***Section VI. Schedule of Requirements***

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Lot No.	Description	Quantity	Total	Delivered, Weeks/Months
<b>Supply and Delivery of Various Technical and Scientific Equipment for Special Engineering Programs and Projects Division</b>				
1	Set of Modern Land and Surveying and Post Processing Tool and Equipment	1 Lot	750,000.00	<b>WITHIN SIXTY (60) CALENDAR DAYS UPON RECEIPT OF NOTICE TO PROCEED</b>
2	Drone Camera	1 Lot	760,000.00	
3	Various Technical and Scientific Equipment	1 Lot	376,600.00	

**CONFORME:**

\_\_\_\_\_  
*[Signature of Authorized Representative]*

\_\_\_\_\_  
*[In the capacity of (Please indicate position of Authorized Representative)]*

Duly authorized to sign Bid for and on behalf of

\_\_\_\_\_  
*[Please indicate the name of company]*

## ***Section VII. Technical Specification***

### **Notes for Preparing the Technical Specifications**

A set of precise and clear specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Procuring Entity without qualifying their Bids. In the context of Competitive Bidding, the specifications (*e.g.* production/delivery schedule, manpower requirements, and after-sales service/parts, descriptions of the lots or items) must be prepared to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of transparency, equity, efficiency, fairness, and economy in procurement be realized, responsiveness of bids be ensured, and the subsequent task of bid evaluation and post-qualification facilitated. The specifications should require that all items, materials and accessories to be included or incorporated in the goods be new, unused, and of the most recent or current models, and that they include or incorporate all recent improvements in design and materials unless otherwise provided in the Contract.

Samples of specifications from previous similar procurements are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the goods and the repetitiveness of the type of procurement, it may be advantageous to standardize the General Technical Specifications and incorporate them in a separate subsection. The General Technical Specifications should cover all classes of workmanship, materials, and equipment commonly involved in manufacturing similar goods. Deletions or addenda should then adapt the General Technical Specifications to the particular procurement.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized Philippine and international standards should be used as much as possible. Where other particular standards are used, whether national standards or other standards, the specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the Special Conditions of Contract or the Technical Specifications.

#### **Sample Clause: Equivalency of Standards and Codes**

Wherever reference is made in the Technical Specifications to specific standards and codes to be met by the goods and materials to be furnished or tested, the provisions of the latest edition or revision of the relevant standards and codes shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national or relate to a particular country or region, other authoritative standards that ensure substantial equivalence to the standards and codes specified will be acceptable.

Reference to brand name and catalogue number should be avoided as far as possible; where unavoidable they should always be followed by the words "*or at least equivalent.*" References to brand names cannot be used when the funding source is the GOP.

Item	Specification	Statement of Compliance
	<p align="center"><b>SUPPLY AND DELIVERY OF VARIOUS TECHNICAL AND SCIENTIFIC EQUIPMENT FOR SPECIAL ENGINEERING PROGRAMS AND PROJECTS DIVISION</b></p>	<p><i>[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]</i></p>
<b>LOT NO.</b>	<b>TECHNICAL SPECIFICATIONS</b>	<b>STATEMENT OF "COMPLY" OR "NOT COMPLY"</b>

**SUPPLY AND DELIVERY OF VARIOUS TECHNICAL AND SCIENTIFIC EQUIPMENT FOR SPECIAL ENGINEERING PROGRAMS AND PROJECTS DIVISION**

**LOT 1. SET OF MODERN LAND SURVEYING AND POST PROCESSING TOOL AND EQUIPMENT**

<b>1</b>	<b>SET BASE + Rover w/External Radio</b>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Brand New</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Internal Radio Converge: at least 3 kilometers</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Internal Radio Number of Channels: at least 1,250 channels, with GPS receiver (GLONASS, Galileo, Beidou, QZSS, SBAS, IRNSS, or newer GPS)</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Dust and Water Protection: at least IP 68</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• With compatible Built-In Batteries (at least 7000 mA)</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• With NFC Function</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Controller Range from Receiver: at least 12m</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Material: Magnesium Alloy Body and lightweight and resistant to magnetic interference.</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• External Radio range: at least 12 km. distance</li> </ul>	<i>( ) Comply ( ) Not Comply</i>

	<ul style="list-style-type: none"> <li>• With free installed software and support through a firmware upgrade.</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Interoperable with any Android phone as a controller</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Memory: At least 64 GB Memory</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• At least 1 Year Warranty</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Display: LCD or better display with necessary protection</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<b>Controller Specifications</b>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Touchscreen: At least 5.5-inch sunlight readable HD touchscreen</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Processor: At least Octa-core 2.0 GHz processor</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Operating System: at least Android 8.1 Operating system</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Memory: At least 4GB RAM + 64 GB ROM</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Camera: At least 5MP front camera and 13MP rear camera</li> </ul>	<i>( ) Comply ( ) Not Comply</i>



	<ul style="list-style-type: none"> <li>● Dust and Water Protection: IP67 certified grade</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>● Battery: at least 7000mAh battery</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>● With Wi-Fi, Bluetooth, NFC,4G</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>● Port: at least USB Type-C or latest port technology</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<b>Additional Technical Specifications:</b>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>● Static and fast static (RMS) <ul style="list-style-type: none"> <li>- Horizontal 3 mm + 0.5 ppm</li> <li>- Vertical 5 mm + 0.5 ppm</li> </ul> </li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>● Real-Time kinematic (RMS) <ul style="list-style-type: none"> <li>- Horizontal 8 mm + 1 ppm</li> <li>- Vertical 15mm + 1 ppm</li> </ul> </li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>● Initialization time: &lt; 5 s</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>● Initialization reliability: &gt; 99.9%</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<p><b>Accessories Base Station:</b></p> <ul style="list-style-type: none"> <li>- With 1-V1t GNSS RECEIVER</li> <li>- With 1-PD Charger adapter</li> <li>- With 1-Charger joint-UK</li> <li>- With 1-Charger joint-EU</li> <li>- With 1-Type C cable for receiver</li> <li>- With 1-UHF radio antenna</li> </ul>	<i>( ) Comply ( ) Not Comply</i>

	<ul style="list-style-type: none"> <li>- With 1-Extension Rod</li> <li>- With 1-Tribrach aluminum sheet</li> <li>- With 1-Survey Benchmark</li> <li>- With 1-Antenna connector</li> <li>- With 1-TRIBRACH</li> <li>- With Quick Start Guide</li> <li>- With 1- EPP BOX</li> <li>- With 1- Warranty Card</li> <li>- With 1-User Manual</li> </ul>	
	<p><b>Accessories Rover</b></p> <ul style="list-style-type: none"> <li>- With 1-V10i GNSS Receiver</li> <li>- With 1-PD Charger-Adapter</li> <li>- With 1-Charger joint-UK</li> <li>- With 1-Charger joint-EU</li> <li>- With 1-Type C cable for receiver</li> <li>- With 1-UHF radio antenna</li> <li>- With 1-Field Controller E600</li> <li>- With 1-USB-A to Type C cable for controller</li> <li>- With 1-Charger for field Controller(UK/US/EU)</li> <li>- With 1-Field Controller Wrist strap</li> <li>- With 1-Field controller bracket</li> <li>- With 1-ABS Box</li> <li>- With 1-Warranty Card</li> <li>- With 1-User Manual</li> </ul>	<p><i>( ) Comply ( ) Not Comply</i></p>
	<p><b>External Radio List:</b></p> <ul style="list-style-type: none"> <li>- With 1-External Radio (400m)</li> <li>- With 1-External Radio Antenna</li> <li>- With 1-External Radio cables</li> <li>- With 1-External Radio Power cable</li> <li>- With 1-Outer Carton</li> <li>- With 1-Inner lining material</li> </ul>	<p><i>( ) Comply ( ) Not Comply</i></p>

	-At least 1 year Warranty	<i>( ) Comply ( ) Not Comply</i>
	<b>Training:</b> At least 2 days of basic training/seminar on the Operation and Maintenance of RTK	<i>( ) Comply ( ) Not Comply</i>
<b>LOT 2: DRONE CAMERA</b>		
	<b>DRONE CAMERA</b>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Weight: at most 1kg / 2.2 lb</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Maximum Flight Time: At least 32 minutes</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Maximum Horizontal Speed: At least 17 m/s</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Maximum Vertical Speed: At least 4 m/s</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Maximum Propeller Speed: At least 10,000 rpm</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Service ceiling: at least 5,000 m (above sea level)</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Dust and Water Protection: at least IP53</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Noise emission at 1 m (3 ft): at</li> </ul>	<i>( ) Comply ( ) Not Comply</i>

	least 81 dB	
	<ul style="list-style-type: none"> <li>• With MicroSD and SIM card slots</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<b>Connectivity</b>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• With Seamless 4G/WiFi switching</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Flies Beyond Visual Line of Sight</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Video Quality: at least 1080p at 30 fps</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• With live streaming capability</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• No interference near telecom towers</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<b>Sensors</b>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• With GPS receiver (GLONASS, Galileo, or newer GPS)</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• With Vertical camera &amp; Time of Flight</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• With Barometer and magnetometer</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• With 2 x 6-axis inertial units (flight and camera)</li> </ul>	<i>( ) Comply ( ) Not Comply</i>

	<ul style="list-style-type: none"> <li>• With 2 x 3-axis accelerometers</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• With 2 x 3-axis gyroscopes</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• With Stereoscopic cameras mounted on a 311° rotating gimbal (-107° to +204°) for obstacle avoidance</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• With an AI trajectory optimization system</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<b>Controller</b>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Weight: at most 750 g</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Transmission system: at least WiFi 802.11a/b/g/n &amp; 4G or better transmission technology</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Direct video stream resolution: at least 1080p</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Battery capacity: at least 3,000 mAh</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Charges smartphones and tablets</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Ports: at least 2xUSB-C, micro-HDMI</li> </ul>	<i>( ) Comply ( ) Not Comply</i>

	<ul style="list-style-type: none"> <li>• Dust and Water Protection: at least IP5X resistant</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Compatible with all smartphones and tablets</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Must include dedicated smartphone device: <ul style="list-style-type: none"> <li>- Size: up to 8 inches</li> <li>- Internal Storage: 128 GB</li> <li>- at least 6 GB RAM</li> </ul> </li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<b>Smart Battery</b>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Type: at least High density LiPo or better battery type</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Battery Capacity: at least 6,500 mAh 4.4 V</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Charging port: at least USB-C or better port technology</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Maximum charging power: at least 45 W</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<b>Application</b>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• no subscription fee</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Available on the App Store</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Compatible with iOS 12 and higher</li> </ul>	<i>( ) Comply ( ) Not Comply</i>

	<ul style="list-style-type: none"> <li>• 3 free 3D models, courtesy of Pix4Dcloud</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<b>Imaging System</b>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Sensor: at least 1/2" 48 MP CMOS</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Dynamic range: at 14 EV in HDR mode</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Optical LD-ASPH (low dispersion aspheric lens): <ul style="list-style-type: none"> <li>- Aperture: f/2.0</li> <li>- 35mm focal equivalent: 24 mm</li> <li>- Depth of field: 4.5 m to <math>\infty</math></li> </ul> </li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• maximum ISO: 6400</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Shutter speed: 1 s to 1/10,000 s</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Zoom: 6x – lossless: up to 4x(1080p) &amp; 2x (4K UHD)</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• 6-axis stabilization: <ul style="list-style-type: none"> <li>- Mechanical: 3-axis (pitch, roll, yaw)</li> <li>- Electronic (EIS): 3-axis (pitch, roll, yaw)</li> </ul> </li> </ul>	<i>( ) Comply ( ) Not Comply</i>

	<ul style="list-style-type: none"> <li>• Gimbal tilt range: -90° to +90°</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<b>Video Specification</b>	<i>( ) Comply ( ) Not Comply</i>
	Format: at least MP4 (H.264, H.265)	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Resolutions: <ul style="list-style-type: none"> <li>- 4K UHD: 3840x2160</li> <li>- 1080p: 1920x1080</li> </ul> </li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	Framerates: <ul style="list-style-type: none"> <li>- 4K UHD: 24/25/30 fps</li> <li>- 1080p: 24/25/30/48/50/60 fps</li> <li>- HDR 10: 4K UHD/1080p - 24/25/30 fps</li> <li>- HDR 8: 4K UHD/1080p - 24/25/30 fps</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Horizontal field of view (HFOV): 68°</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Maximum video bandwidth: 200 Mbps</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• P-log for professional video editing</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<b>Photo Specification</b>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Formats: at least JPEG, DNG (Digital NeGative RAW) or better format</li> </ul>	<i>( ) Comply ( ) Not Comply</i>



	<ul style="list-style-type: none"> <li>Resolution: at least 48 MP (@ 8000x6000), at least 12 MP (@ 4000x3000)</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>Horizontal field of view (HFOV): at least 70° (Wide), At least 65° (Wide with EIS), at least 60° (Rectilinear with EIS)</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>With the following modes: Single, Bracketing, Burst (10 fps),</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>Panorama (4 formats), Time-lapse, GPS-lapse</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>At least 1 year Warranty</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<p><b>Training:</b></p> <ul style="list-style-type: none"> <li>At least 2 days of basic training/seminar on the Operation and Maintenance of Dron</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
<b>LOT 3: VARIOUS TECHNICAL AND SCIENTIFIC EQUIPMENT</b>		
<b>3.1</b>	<b>Laser Meter</b>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>maximum Measuring Distance: at least 100m</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>Accuracy: at most ±2mm</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>Measuring Speed: at most 0.5 sec.</li> </ul>	<i>( ) Comply ( ) Not Comply</i>

	<ul style="list-style-type: none"> <li>• Laser type: at least Class 2, 635nm, &lt;1mW</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• With compatible rechargeable batteries (at least 3000mAh) plus at least four (4) spare rechargeable batteries</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• With battery charger compatible with batteries</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Dust and Water Protection: at least IP54</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• History memory: at least 10 memory entry</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Display: LCD or better display with necessary protection</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Compliant with the latest applicable standards</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• with a manual and compatible carrying pouch</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• At least 1 year Warranty</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
<b>3.2</b>	<b>Measuring Wheel</b>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Maximum Measuring Distance: at least 99999.9 m/ft</li> </ul>	<i>( ) Comply ( ) Not Comply</i>

	<ul style="list-style-type: none"> <li>• Accuracy: at most <math>\pm 1.0\%</math></li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Display Resolution: at most 0.1m</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Display: LCD or better display with backlight</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• With memory function</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• With a retractable aluminum handle. Easy to carry</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Wheel Material: at least Flexible and durable ABS with TPR thick tire</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• With starting point arrow and kickstand supports</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• With compatible rechargeable batteries plus at least two (2) spare rechargeable batteries</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Ideal for asphalt, concrete, boardwalk, gravel, dirt, and lawn</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• At least 1 year Warranty</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
<b>3.3</b>	<b>Range Finder</b>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Maximum distance: at least 400</li> </ul>	<i>( ) Comply ( ) Not Comply</i>

	meters	
	<ul style="list-style-type: none"> <li>• Accuracy: at most <math>\pm 50</math> cm</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Dust and Water Protection: at least IP X7</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Magnification: at least 5x</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• with compatible rechargeable batteries plus at least two (2) spare rechargeable batteries</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• with battery charger compatible with batteries</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• with a manual and compatible hard waterproof padded plastic protective case</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• At least 1 year Warranty</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
<b>3.4</b>	<b>Vernier Caliper</b>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Maximum Measuring length: at least 100mm</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Resolution: at least 0.02mm</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Dust and Water Protection: at least IP 54</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Material: Carbon Steel or Better</li> </ul>	<i>( ) Comply ( ) Not Comply</i>

	Material	
	<ul style="list-style-type: none"> <li>• Display: LCD or better display with necessary protection</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• with thumbwheel and metric/inch system conversion at any position</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• with compatible rechargeable batteries plus at least ten (10) spare rechargeable batteries</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• with manual and compatible hard waterproof padded plastic protective case</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• At least 1 year Warranty</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
<b>3.5</b>	<b>Two-Way Radio</b>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Frequency Range: Ultra High Frequency -350-500MHz, Very High Frequency -130-180 MHz</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• No. of channels: at least 12 programmable channels</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• Dust and Water Protection: at least IP54</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>• with compatible rechargeable batteries plus at least one (1) spare rechargeable battery</li> </ul>	<i>( ) Comply ( ) Not Comply</i>

	<ul style="list-style-type: none"> <li>with battery charger compatible with batteries</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>with a manual, antenna, power adapter, nylon hand strap, and compatible carrying pouch</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>At least 1 year Warranty</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
<b>3.6</b>	<b>Level</b>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>Size: at least 8"</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>Material: ABS or better material</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>with a magnetic base</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>with 3 vials – Horizontal, Plumb, and 45 degrees</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<ul style="list-style-type: none"> <li>At least 1 year Warranty</li> </ul>	<i>( ) Comply ( ) Not Comply</i>
	<p><b>***Attached are the detailed TECHNICAL SPECIFICATIONS to be COMPLIED with, marked as Annex "A" of this Bidding Documents.</b></p>	<i>( ) Comply ( ) Not Comply</i>

## ***Section VIII. Checklist of Technical and Financial Documents***

## I. TECHNICAL COMPONENT ENVELOPE

### *Class "A" Documents*

#### Legal Documents

- (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);  
**or**
- (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document,  
**and**
- (c) Mayor's or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;  
**and**
- (d) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

#### Technical Documents

- (e) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- (f) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; **and**
- (g) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;  
**or**  
Original copy of Notarized Bid Securing Declaration; **and**
- (h) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; **and**



- (i) Original duly signed Omnibus Sworn Statement (OSS); **and** if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

- (j) The Supplier's audited financial statements, showing, among others, the Supplier's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; **and**
- (k) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC);  
**or**  
A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

***Class "B" Documents***

- (l) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence;  
**or**  
duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

**II. FINANCIAL COMPONENT ENVELOPE**

- (m) Original of duly signed and accomplished Financial Bid Form; **and**
- (n) Original of duly signed and accomplished Price Schedule(s).

Other documentary requirements under RA No. 9184 (as applicable)

- (o) *[For foreign bidders claiming by reason of their country's extension of reciprocal rights to Filipinos]* Certification from the relevant government office of their country stating that Filipinos are allowed to participate in government procurement activities for the same item or product.
- (p) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.

## ***Section IX. Bidding Forms***

## **Bid Form for the Procurement of Goods** *[shall be submitted with the Bid]*

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### **BID FORM**

Date : \_\_\_\_\_  
Project Identification No. : \_\_\_\_\_

To: *[name and address of Procuring Entity]*

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to *[supply/deliver/perform]* *[description of the Goods]* in conformity with the said PBDs for the sum of *[total Bid amount in words and figures]* or the total calculated bid price, as evaluated and corrected for computational errors, and other bid modifications in accordance with the Price Schedules attached herewith and made part of this Bid. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties]*, which are itemized herein or in the Price Schedules,

If our Bid is accepted, we undertake:

- a. to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements of the Philippine Bidding Documents (PBDs);
- b. to provide a performance security in the form, amounts, and within the times prescribed in the PBDs;
- c. to abide by the Bid Validity Period specified in the PBDs and it shall remain binding upon us at any time before the expiration of that period.

*[Insert this paragraph if Foreign-Assisted Project with the Development Partner:*

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of agent	Amount and Purpose of Commission or gratuity
---------------------------	--

_____	_____
_____	_____
_____	_____

*(if none, state "None") ]*

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, shall be binding upon us.

We understand that you are not bound to accept the Lowest Calculated Bid or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements pursuant to the PBDs.

The undersigned is authorized to submit the bid on behalf of *[name of the bidder]* as evidenced by the attached *[state the written authority]*.

We acknowledge that failure to sign each and every page of this Bid Form, including the attached Schedule of Prices, shall be a ground for the rejection of our bid.

Name: \_\_\_\_\_

Legal capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_

Date: \_\_\_\_\_

**Price Schedule for Goods Offered from Within the Philippines**  
*[shall be submitted with the Bid if bidder is offering goods from within the Philippines]*

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**For Goods Offered from Within the Philippines**

Name of Bidder \_\_\_\_\_ Project ID No. \_\_\_\_\_ Page \_\_\_ of \_\_\_

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price exw per item	Transportation and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)

Name: \_\_\_\_\_

Legal Capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_

## **Bid Securing Declaration Form**

*[shall be submitted with the Bid if bidder opts to provide this form of bid security]*

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REPUBLIC OF THE PHILIPPINES)  
CITY OF \_\_\_\_\_) S.S.

### **BID SECURING DECLARATION**

**Project Identification No.: *[Insert number]***

To: *[Insert name and address of the Procuring Entity]*

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
  - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
  - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
  - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this \_\_\_ day of *[month]* *[year]* at *[place of execution]*.

*[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]*

*[Insert signatory's legal capacity]*

Affiant

**[[urat]**

*[Format shall be based on the latest Rules on Notarial Practice]*

## Omnibus Sworn Statement (Revised)

*[shall be submitted with the Bid]*

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REPUBLIC OF THE PHILIPPINES )  
CITY/MUNICIPALITY OF \_\_\_\_\_ ) S.S.

### AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. *[Select one, delete the other:]*

*[If a sole proprietorship:]* I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

*[If a partnership, corporation, cooperative, or joint venture:]* I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. *[Select one, delete the other:]*

*[If a sole proprietorship:]* As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

*[If a partnership, corporation, cooperative, or joint venture:]* I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *[Select one, delete the rest:]*

*[If a sole proprietorship:]* The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working

Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

*[If a partnership or cooperative:]* None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

*[If a corporation or joint venture:]* None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and

8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:

a. Carefully examining all of the Bidding Documents;

b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;

c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and

d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.

9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

**10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

IN WITNESS WHEREOF, I have hereunto set my hand this \_\_ day of \_\_, 20\_\_ at \_\_\_\_\_, Philippines.

*[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]*

*[Insert signatory's legal capacity]*  
Affiant

**[Jurat]**

*[Format shall be based on the latest Rules on Notarial Practice]*



**Contract Agreement Form for the Procurement of Goods (Revised)**  
*[Not required to be submitted with the Bid, but it shall be submitted within ten (10) days after receiving the Notice of Award]*

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**CONTRACT AGREEMENT**

THIS AGREEMENT made the \_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_ between [name of PROCURING ENTITY] of the Philippines (hereinafter called “the Entity”) of the one part and [name of Supplier] of [city and country of Supplier] (hereinafter called “the Supplier”) of the other part;

WHEREAS, the Entity invited Bids for certain goods and ancillary services, particularly [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 [*contract price in words and figures in specified currency*] (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 Conditions of Contract referred to.
2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as integral part of this Agreement, *viz.*:

i. Philippine Bidding Documents (PBDs);

    i. Schedule of Requirements;

    ii. Technical Specifications;

    iii. General and Special Conditions of Contract; and

    iv. Supplemental or Bid Bulletins, if any

ii. Winning bidder’s bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;

Bid form, including all the documents/statements contained in the Bidder’s bidding envelopes, as annexes, and all other documents submitted (*e.g.*, Bidder’s response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity’s bid evaluation;

iii. Performance Security;

iv. Notice of Award of Contract; and the Bidder’s conforme thereto; and

v. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. **Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.**

3. In consideration for the sum of *[total contract price in words and figures]* or such other sums as may be ascertained, *[Named of the bidder]* agrees to *[state the object of the contract]* in accordance with his/her/its Bid.
4. The *[Name of the procuring entity]* agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of the Republic of the Philippines on the day and year first above written.

*[Insert Name and Signature]*

*[Insert Name and Signature]*

*[Insert Signatory's Legal Capacity]*

*[Insert Signatory's Legal Capacity]*

*for:*

*for:*

*[Insert Name of Supplier]*

*[Insert Procuring Entity]*

### **Acknowledgment**

*[Format shall be based on the latest Rules on Notarial Practice]*

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## **Bank Guarantee Form for Advance Payment**

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To: *[name and address of PROCURING ENTITY]*  
*[name of Contract]*

Gentlemen and/or Ladies:

In accordance with the payment provision included in the Special Conditions of Contract, which amends Clause 2.1 of the General Conditions of Contract to provide for advance payment, *[name and address of Supplier]* (hereinafter called the "Supplier") shall deposit with the PROCURING ENTITY a bank guarantee to guarantee its proper and faithful performance under the said Clause of the Contract in an amount of *[amount of guarantee in figures and words]*.

We, the *[bank or financial institution]*, as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to the PROCURING ENTITY on its first demand without whatsoever right of objection on our part and without its first claim to the Supplier, in the amount not exceeding *[amount of guarantee in figures and words]*.

We further agree that no change or addition to or other modification of the terms of the Contract to be performed thereunder or of any of the Contract documents which may be made between the PROCURING ENTITY and the Supplier, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition, or modification.

This guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until *[date]*.

Yours truly,

Signature and seal of the Guarantors

\_\_\_\_\_  
*[name of bank or financial institution]*

\_\_\_\_\_  
*[address]*

\_\_\_\_\_  
*[date]*

## Statement of All On-Going Government and Private Contracts

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**Kindly supply the required information in the spaces provided.**

Name of Bidder \_\_\_\_\_ . Invitation to Bid Number . Page \_\_\_\_ of \_\_\_\_ .

Name of the Contract	Date of the Contract	Contract Duration	Owner's Name and Address	Contact Person and Contact Details (Tel./Cell No. and/or Email Address)	Kinds of Goods	Date of Delivery (Please indicate estimated date of delivery)	Amount of Contract	Value of Outstanding Contracts
<b>Government Contracts:</b>								
<b>Private Contracts:</b>								
<b>Total</b>								

\_\_\_\_\_  
*[Signature of the Authorized Rep.]*

\_\_\_\_\_  
*[in the capacity of] (Please indicate position of Authorized Rep.)]*

Duly authorized to sign Bid for and on behalf of \_\_\_\_\_  
*(Please indicate name of company)*

**NOTE:**

*The aforesaid statement should include those contracts awarded but not yet started.*

*Further, bidders should indicate "None" or "No On-going Government and/or Private Contracts" if they do not have any on-ongoing government and/or private contracts in the corresponding rows and/or column, including contracts awarded but not yet started, whether similar or not similar in nature and complexity to the contract to be bid.*

# Statement of the Single Largest Completed Contract

**Kindly supply the required information in the spaces provided.**

Name of Bidder \_\_\_\_\_, Invitation to Bid Number \_\_, Page \_\_\_\_\_ of \_\_\_\_\_

Name of the Contract	Date of the Contract	Contract Duration	Owner's Name and Address	Contact Person and Contact Details (Tel./Cell No. and/or Email Address)	Kinds of Goods	Amount of Contract adjusted by the bidder to current prices using PSA's consumer price index, if necessary for purposes of meeting the SLCC requirement;	Date of Delivery (Please indicate actual date of delivery)

\_\_\_\_\_  
*[Signature of the Authorized Rep.]*

\_\_\_\_\_  
*[in the capacity of] (Please indicate position of Authorized Rep.)]*

Duly authorized to sign Bid for and on behalf of \_\_\_\_\_  
*(Please indicate name of company)*

**NOTE:**

***Bidders shall submit and attach a copy of the end-user's acceptance or official receipt(s) or sales invoice.***

## NFCC Computation

**Kindly supply the required information in the spaces provided.**

Name of Bidder \_\_\_\_\_, Invitation to Bid Number \_\_, Page \_\_\_\_\_ of \_\_\_\_\_

<b>ABC</b>	<b>AMOUNT</b>
<b>DETAILS</b>	
Current Assets	
Minus	
Current Liabilities	
Difference of Current Assets and Current Liabilities	
Multiplied by	
K	15
Total (Product)	
Minus	
Total value of all outstanding contracts, including those awarded but not yet started	
Total NFCC Computation	

\_\_\_\_\_  
*[Signature of the Authorized Rep.] [in the capacity of] (Please indicate position of Authorized Rep.)]*

Duly authorized to sign Bid for and on behalf of \_\_\_\_\_  
*(Please indicate name of company)*

Republic of the Philippines



Government Procurement Policy Board