

# HEADQUARTERS PHILIPPINE ARMY OFFICE OF THE PHILIPPINE ARMY BIDS AND AWARDS COMMITTEE 2 Fort Andres Bonifacio, Taguig City

## **BIDDING DOCUMENTS**

## for the

# Procurement of One (1) Lot Computerized Lie Detector Machine and One (1) Lot Laser Microphone

## **SIG PABAC2-023-24**

Lot	Lot Description		ABC (Pesos)
1	1 Laser Microphone		2,300,000.00
2	Computerized Lie Detector  Machine	1 Lot	1,500,000.00

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 project 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

## Procurement of One (1) Lot Computerized Lie Detector Machine and One (1) Lot Laser Microphone

#### **BID REF SIG PABAC2-023-24**

1. The Philippine Army, through the Advice of Sub-Allotment (ASA) Number 2800-2024-0044 dated 18 January 2024 intends to apply the following sum being the Approved Budget for the Contract (ABCs) to payments under the contract for the Procurement of One (1) Lot Computerized Lie Detector Machine and One (1) Lot Laser Microphone under SIG PABAC2-023-24. Bids received in excess of the ABC shall be automatically rejected during bid opening.

Lot	Description	Qty	ABC (Pesos)
1	Laser Microphone	1 Lot	2,300,000.00
2	Computerized Lie Detector  Machine	1 Lot	1,500,000.00

- 2. The Philippine Army now invites Bids for the above Procurement Project. Delivery of the Goods is required within **180 calendar days** from receipt of Notice to Proceed (NTP) by the Supplier, which date shall not be later than seven (7) days from the issuance of NTP. Bidders should have completed within **two (2) years** from 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 open to all interested bidders, whether local or foreign, subject to the conditions for eligibility provided in the 2016 revised IRR of RA No. 9184.

- 4. Prospective Bidders may obtain further information from PABAC2 Secretariat and inspect the Bidding Documents at the address given below during office hours (8:00AM to 4:00PM) on weekdays only.
- 5. The complete set of Bidding Documents may be acquired by interested Bidders on **August 12**, **2024** from the given address and websites below in the amount of **PhP5,000.00 per Lot**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees presented in person, by facsimile, or through electronic means.
- 6. The Philippine Army through PABAC2 will hold a Pre-Bid Conference on the time and date as specified below at the Office of the PABAC2, Fort Andres Bonifacio, Taguig City, Metro Manila and/or through video conferencing or webcasting via Zoom, which shall be open to prospective bidders.

- 7. Bids must be duly received by the PABAC2 Secretariat through manual submission at the office address indicated below on or before the date of submission of bids. 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 the date as specified below and at the given address below and/or through video conferencing or webcasting. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

The schedule of the bidding activities shall be as follows:

ACTIVITIES	TIME and DATE	VENUE
1. Sale and Issuance of Bidding Documents	8:00AM to 4:00PM Mondays to Fridays only starting <b>August 12</b> , <b>2024</b>	Office of the PABAC2,
2. Pre-Bid Conference	August 20, 2024 at 9:00 AM	Fort Andres Bonifacio, Taguig City, Metro Manila
3. Submission, Opening, and Bids Evaluation	September 3, 2024 at 9:00 AM	

- 10. The Philippine Army 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.
- 11. For further information, please refer to:

Office of the PA Bids and Awards Committee 2

Fort Andres Bonifacio, Taguig City

#### **BGEN BENJAMIN L HAO PA**

PABAC2 Chairperson

Contact Nr. +639393185696

Email address: pabacsec2@gmail.com

12. You may visit the following websites:

For downloading of Bidding Documents:

- philgeps.gov.ph
- army.mil.ph



## Section II. Instruction to Bidders

#### 1. Scope of Bid

The Procuring Entity, **Philippine Army** wishes to receive Bids for the **Procurement of One (1) Lot Computerized Lie Detector Machine and One (1) Lot) Laser Microphone** under **SIG PABAC2-023-24**.

The Procurement Project (referred to herein as "Project") is composed of *two 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 CY 2024 in the amount of *Three Million Eight Hundred Thousand Pesos Only (PhP 3,800,000.00)*.
- 2.2. The source of funding is The General Appropriations Act 2024.

#### 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 exceeding those allowed under the rules may participate pursuant to:
  - When a Treaty or International or Executive Agreement as provided in Section 4 of the RA No. 9184 and its 2016 revised IRR allow foreign bidders to participate;
  - Citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;
  - iii. When the Goods sought to be procured are not available from local suppliers; or
  - iv. When there is a need to prevent situations that defeat competition or restrain trade.
- 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:

For the procurement of Non-Expendable Supplies: The Bidder must have completed a one 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

The Procuring Entity has prescribed that Subcontracting is not allowed.

#### 8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address indicated herein and/or through videoconferencing/webcasting 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 the last 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 Peso**.

#### 14. Bid Security

- 14.1. The Bidder shall submit a Bid Securing Declaration 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 date of 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 on the specified date and time and either at its physical address or through online submission 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.

#### 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 Sections 30 to 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 maybe. 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: One project having several items that grouped into several lots, which shall be awarded as separate contract per lot.
- 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

Clause			
3	Non-compliance and/or non-conformance with the prescribed forms as provided in the Annexes of this Bidding Documents will be a ground for disqualification.		
5.2	Foreign Bidders must be duly represented by an authorized local representative (any corporate body or commercial company duly organized and registered under the laws of the Philippines or a citizen of the Philippines).		
5.3	For this purpose, contracts similar to the Project shall mean "Procurement of Information Communication Technology (ICT) Hardware and/or Software" which must be completed within the last five (5) years prior to the deadline of the submission and receipt of bids.		
7	Subcontracting is not allowed.		
10	For foreign bidders, the equivalent document/s issued by the appropriate authority in the country of origin of the bidder concerned must be presented. If said document has no appropriate equivalent, a Certificate of Inexistence of Appropriate Foreign Equivalent may be submitted.		
	The local representative of Foreign Bidders shall also submit PhilGEPS Certificate of Registration (Platinum Membership), or a Valid and Current Proof of Authority issued by the foreign bidder (in case the authorized local representative is an individual).  In case of a Joint Venture, each JV partner shall submit the required Legal Documents.		
12	Certificate of Registration (Platinum Membership), or a Valid and Current Proof of Authority issued by the foreign bidder (in case the authorized local representative is an individual).  In case of a Joint Venture, each JV partner shall submit the required Legal		
12.1	Certificate of Registration (Platinum Membership), or a Valid and Current Proof of Authority issued by the foreign bidder (in case the authorized local representative is an individual).  In case of a Joint Venture, each JV partner shall submit the required Legal Documents.  For the given scope of work in this Contract as awarded, all bid prices are considered fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances and upon prior approval of the GPPB in accordance with Section 61 of R.A. 9184 and		

	b. The amount of not less than One Hundred Fifhteen Thousand Pesos Only (PhP115,000.00) which is equivalent to five percent (5%) of ABC, if bid security is in Surety Bond.			
	a. The amount of not less than Thirty Thous Only (PhP 30,000.00) which is equivalent to (2%) of ABC, if bid security is in cash, cashier' check, bank draft/guarantee or irrevocable le or			to two percent er's/manager's letter of credit;
		b. The amount of not less than Se Pesos Only (PhP75,000.00) which percent (5%) of ABC, if bid securit	ch is eq	uivalent to five
	Note:			
	is i	e bid security shall be payable to the Procunt the form of a manager's check, it shall be ficer, Finance Center, PA.	_	
		der shall submit one (1) original and two (2		opies of the first
	and secon	nd components of its bid with proper tabbin	g.	
15	<ul> <li>The Bid shall be signed on every page and/or initialed by the duly authorized representative/s of the bidder to include all photocopies.</li> <li>Any document that was not signed and/or initialed by the authorized representative/s of the bidder shall be a ground for disqualification.</li> </ul>			
18	Certificati	on from the DTI if the Bidder claims pre Domestic Entity.		
		ect shall be awarded as one project han nto several lots, which shall be awarded a		
19.3	Lot	Description	Qty	ABC (Pesos)
	1	Laser Microphone	1 Lot	2,300,000.00
	2	Computerized Lie detector Machine	1 Lot	1,500,000.00
	Post-Qualification Requirements: In accordance with Section 34.2 the 2016 Revised IRR of RA No 9184, the Bidder shall submit the following documents within a non-extendible period of five (5) calendar days from receipt of the notice from the BAC that it is the LCB/SCB:			
	TAB	Additional Post Qualification Re	eguireme	ents
Attachments of PhilGEPS (Platinum) Registration  • Registration Certificate from Securities and Exchan Commission (SEC) for corporations, Department of and Industry (DTI) for sole proprietorship, or Coope Development Authority (CDA) for cooperatives or it equivalent document			Exchange ment of Trade r Cooperative	

	<ul> <li>Current and valid Mayor's Permit or Business Permit issued by the local government where the principal place of business of the bidder is located</li> <li>Tax Clearance Certificate per Executive Order 398, Series of 2005</li> <li>Latest Audited Financial Statement showing, among others, the prospective bidder's total and current assets and liabilities stamped "received" if manually filed or "attachment of system generated Transaction Reference Number and email to the system user" if electronically filed issued by the Bureau of Internal Revenue 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.</li> </ul>
В	Latest Income and Business Tax Returns filed and paid through the BIR Electronic Filing and Payment System (eFPS). The latest income and business tax returns are those within the last six (6) months preceding the date of bid submission.
С	Supporting documents for the Ongoing Government/Private Contracts:  1. Notice of Award, Notice to Proceed, Contract, Purchase Order or its equivalent issued by the end-user
D	Supporting documents for the Single Largest Completed Contract:  1. Notice of Award, Notice to Proceed, Contract, Purchase Order or its equivalent issued by the end-user; and 2. Certificate of Completion and/or Technical Inspection and Acceptance Committee (TIAC) Report, Sales Invoices with Official Receipts, End-User's Acceptance or its equivalent provided that the same expressly states that the Goods were received in good condition.
Е	Certificate of Notarial Commission of the lawyer who notarized the documents submitted by the bidder
F	Company Profile (Organization, Affiliated Companies, Production Capability)
G	Vicinity map/location of the business
Н	Certificate from HAFPPS that Bidder is not Blacklisted and No Overdue Delivery.
	Warranty Undertaking (Annex 8)
J	Certificate of Replacement for Defective Items (Annex 9).
К	Colored Manufacturer's Brochure or Literature of the product being offered. Internet downloads may be included to supplement the information contained in the original brochures
L	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, if applicable
М	Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity, if applicable.

#### Note:

 Failure to submit the following requirements on time or a finding against the veracity of such shall be ground for the forfeiture of the bid security and disqualify the bidder for award.

Additional Contract Document/s:

- Applicable to Foreign Bidders:
  - a. The equivalent to the above-enumerated Class "A" documents issued by country or place of business, in English shall be submitted. If not in 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, all said 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; AND
  - b. SEC Certificate of Registration of the Foreign Corporation, or the SEC Certificate of Registration of the Foreign consulting firm, and/or the authority or license from the appropriate Government Agency or Professional Regulatory Body of the Foreign Professionals engaging in the practice of regulated professionals and allied professions, where applicable, to be submitted within ten (10) calendar days from receipt of the Notice of Award, pursuant to GPPB Resolution No 25-2019 dated 30 October 2019.

**Note:** For the Local representative of the foreign bidder: It must likewise submit and present **Registration Certificate** from the Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or CDA for cooperatives; and, its Valid and current **Mayor's/Business permit** issued by the local government where the principal place of business of the bidder is located.

**In case of Joint Venture** (both local and foreign manufacturers), both partners must present/submit the above documents.

21.1

## Section IV. General 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 IV** (**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 the Contract**

GCC	
Clause	
	Delivery and Documents –
	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:
	For Goods Supplied from Abroad: The delivery terms applicable to the Contract are "Delivered-Duty-Paid" (DDP) at AIR Warehouse, Army Intelligence Regiment, Philippine Army, Fort Bonifacio, Taguig City in accordance with INCOTERMS.
	For Goods Supplied from Within the Philippines: The delivery terms applicable to this Contract are to be delivered at AIR Warehouse, Army Intelligence Regiment, Philippine Army, Fort Bonifacio, Taguig City". Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.
	Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in <b>Section VI. Schedule of Requirements</b> .
	The details of shipping and/or other documents to be furnished by the Supplier are as follows:
	For Goods supplied from within the Philippines: Upon delivery of the Goods to the Project Site, the Supplier shall notify the Procuring Entity and present the following documents to the Procuring Entity:
	<ul> <li>Original and four copies delivery receipt/note, railway receipt, or truck receipt;</li> <li>Original Supplier's factory inspection report;</li> <li>Original and four copies of the Manufacturer's and/or Supplier's warranty certificate;</li> <li>Original and four copies of the certificate of origin (for imported Goods);</li> <li>Delivery receipt detailing number and description of items received signed by the authorized receiving personnel; and</li> <li>Certificate of Acceptance/Inspection Report signed by the Procuring Entity's representative at the Project Site.</li> </ul>

#### For Goods supplied from abroad:

Upon shipment, the Supplier shall notify the Procuring Entity and the insurance company by cable the full details of the shipment, including Contract Number, description of the Goods, quantity, vessel, bill of lading number and date, port of loading, date of shipment, port of discharge etc. Upon delivery to the Project Site, the Supplier shall notify the Procuring Entity and present the following documents as applicable with the documentary requirements of any letter of credit issued taking precedence:

- Original and four copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount;
- Original and four copies of the negotiable, clean shipped on-board bill of lading marked "freight pre-paid" and five copies of the nonnegotiable bill of lading;
- Original Supplier's factory inspection report;
- Original and four copies of the Manufacturer's and/or Supplier's warranty certificate;
- Original and four copies of the certificate of origin (for imported Goods);
- Delivery receipt detailing number and description of items received signed by the Procuring Entity's representative at the Project Site; and
- Certificate of Acceptance/Inspection Report signed by the Procuring Entity's representative at the Project Site.

For purposes of this Clause the Procuring Entity's Representative at the Project Site is: PA TIAC; APAO; OG10, PA.

#### Incidental Services -

The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements:

- Installation and configuration;
- Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
- 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;
- Performance or supervision of on-site assembly and/or start-up of the supplied Goods;
- Furnishing of tools required for assembly and/or and maintained the supply Goods;
- Five (5) days Training period for the Twenty (20) Personnel of the procuring Entity's, at the supplier's plant and/or on/site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods:

- Colored Manufacturer's Brochure or Literature of the product being offered; and
- Internet downloads may be included to supplement the information contained in the original brochures.

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.

#### 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 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
Name of the Supplier
Contract Description
Final Destination
Gross weight
Any special lifting instructions
Any special handling instructions
Any relevant HAZCHEM classifications

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.

The packaging and documentation shall be in accordance with the manufacturer's standard.

#### Insurance -

The Goods supplied under this Contract shall be fully insured by the Supplier in a freely convertible currency against loss or damage incidental

to manufacture or acquisition, transportation, storage, and delivery. The Goods remain at the risk and title of the Supplier until their final acceptance by the Procuring Entity.

#### Transportation -

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.

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.

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* in accordance with **GCC** Clause 22.

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.

#### Intellectual Property Rights -

The Supplier shall identify 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.

2.2

Payment shall be made by Check for local Supplier, or through irrevocable Letter of Credit (LC) in case of foreign supplier/manufacturer.

In case payment shall be made by LC, the Procuring Entity shall open the irrevocable LC in favor of the Supplier in accordance with the terms provided below in an Authorized Government Depository Bank after the approval of the Contract by the HOPE and cash transfer from the PA to the Authorized Government Depository Bank, to wit:

- a. Mode of Transmission: Full cable telex/S.W.I.F.T;
- Advising and/or Confirmation: LC may be advised and/or confirmed by any bank to be identified by the Supplier, at the latter's sole expense;
- c. Payee Bank: The LC draft (if any) shall be drawn on the confirming bank;
- d. Beneficiary: [Insert name and address of Supplier with Point of Contact];
- e. Currency and Amount of LC: LC shall be in Philippine Peso, in an amount equivalent to the Total Contract Price. The 95% of the amount of LC shall be released upon completion of all the required documents enumerated in SCC Clause 2.2(g) of the Bidding Documents and the 5% shall be released upon expiration of the warranty period provided in SCC Clause 5.1 in the Bidding Documents;
- f. Expiration Date: Two hundred ten (210) calendar days from issue date of the L/C;
- g. The terms of payment shall be as follows: One time payment to the Supplier at the time of the final acceptance of the Goods by the Procuring Entity made in accordance with Section VI. Schedule of Requirements, and the submission or presentation of the following documents:
  - i. Supplier's invoice showing Goods' description, quantity, unit price, and total amount;
  - ii. Negotiable, clean shipped on-board Bill of Lading marked "Freight Pre-Paid" and/or "Non-Negotiable Bill of Lading" or "Airway Bill";
  - iii. Original Supplier's factory inspection report or certificate of pre-delivery test and inspection report by PA TIAC (as applicable);
  - iv. Manufacturer's and/or Supplier's warranty certificate;
  - v. Certificate of Origin (for imported GOODS);
  - vi. Delivery Receipt detailing number and description of items received signed by the Procuring Entity's representative at the Delivery Site;
  - vii. Certificate of Acceptance by the PA Technical Inspection and Acceptance Committee (PA TIAC).

#### Note:

 Payments shall be made only upon a certification by the HoPE to the effect that the Goods have been rendered or delivered in accordance with the prescribed delivery schedule of this Contract and have been duly inspected and accepted.

3

If the Performance Security is in the form of a Surety Bond, it must be in the name of the Philippine Army/AFP, and its validity must be until the issuance by the Procuring Entity of the Certificate of Final Acceptance. The Surety Bond must be duly notarized and signed by the Supplier's authorized representative indicating therein his/her full name.

The inspections and tests that will be conducted are:

A. POST-QUALIFICATION involving documents validation, testing and/or manufacturer's plant visit and inspection shall be conducted by the Procuring Entity or its designated representatives (PQ Team) in order to determine the compliance to the requirements of the end-user as required in the bidding documents. Expenses incurred related hereto particularly travel and board and lodging expenses shall be borne by the Procuring Entity.

Considering the travel restrictions brought by COVID-19 outbreak, the alternative PQI may be conducted through "table post qualification" and/or by VTC or other electronic means; and the adoption of previous PQ Reports with independent referencing within the six (6) months validity period.

4

Conduct of Post Qualification abroad is subject to the issued guidelines regarding Foreign Travel of Public Official/Officers during State of Calamity or Implementation of Community Quarantine or Similar Restrictions. Considering restrictions for foreign travel during the quarantine period, the Procuring Entity or PQ Team may conduct "table post qualification" within the office, or utilize the Office of the Philippine Defense and Armed Forces Attaché (OPhilDAFA) of the country where the foreign bidder/proponent is based to conduct post qualification.

- B. FINAL INSPECTION AND ACCEPTANCE will be at the Delivery Site. Completeness and appropriateness of the delivered goods, visual inspection and/or random sampling based on the required test criteria and list of required samples shall be conducted by the Procuring Entity's representative (PATIAC) at the delivery site at the soonest time possible. Expenses incurred related hereto particularly travel and board and lodging expenses shall be borne by the Procuring Entity. After completion of the inspection, the inspection team shall furnish the following reports:
  - 1. Final Inspection and Acceptance Report by the TIAC;
  - 2. OG10, PA Inspection Report;
  - 3. SAO/APAO Acceptance Report;

#### **Correction of Defects:**

#### a. During TIAC Inspection:

- **a.1. For items delivered within the delivery period**, the Supplier shall be allowed to correct defects within 30 calendar days upon receipt of written Notice from the PAPC.
- **a.2.** For items delivered after the lapse of the delivery period, the Supplier shall be allowed to correct defects, subject to the imposition of liquidated damages.

#### **TIAC Non- Acceptance of Goods:**

In case items are rejected, the PA TIAC shall issue Certificate of Non Acceptance on the cause of non-compliance of the goods. A corresponding Notice of Non-Acceptance shall then be issued by Philippine Army Procurement Center (PAPC) to the supplier further advising that the period for replacement of defective item is within thirty (30) calendar days from receipt thereof. Supplier shall be allowed to replace rejected items up to two (2) times only.

In case of rejection, the Supplier shall immediately withdraw the items from the Project/Delivery site. Any loss or damage thereto after such declaration shall be the sole responsibility of the Supplier.

Supplier shall be subjected to blacklisting due to termination by default.

The warranty shall be covered by, either retention money in an amount equivalent to **five percent (5%)** of the contract price, or a special bank guarantee equivalent to **five percent (5%)** of the Contract Price in favor of the Armed Forces of the Philippines.

The warranty period shall be two (2) years after acceptance by the Procuring Entity of the Delivered Goods.

The Obligation for the warranty shall only be released after the lapse of the warranty period.

The period for repair or replacement for the defective goods or parts thereof shall be within **Thirty (30) Calendar Days** upon receipt of the Notice of Defects.

The Procuring Entity through the TIAC may invoke for warranty claims for the Goods or any part thereof that fail to conform to the specifications within the warranty period. The Supplier shall either rectify or replace such defective Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Procuring Entity, and shall inspect the rectified/replaced goods, at no cost to the Procuring Entity, upon giving a notice pursuant to GCC Clause 5.2.

When the supplier fails to satisfactorily deliver the goods or services under the contract within the specified delivery schedule or project implementation schedule, inclusive of duly granted time extensions, if any, the supplier shall be liable for damages for the delay and shall pay the Procuring Entity liquidated damages, not by way of penalty, for every day of delay until such goods or services are finally delivered or performed and accepted by the Procuring Entity concerned.

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5.2

The amount of the liquidated damages shall be at least equal to one-tenth of one percent (0.001) of the cost of the unperformed portion for every day of delay. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, the Procuring Entity may rescind or terminate the contract, without prejudice to other courses of action and remedies available under the circumstances.

## Section VI. Schedule of Requirements

ITEM NR	Description	Qty	DELIVERY PERIOD	DELIVERY PLACE
1	Intel Capability Enhancement Program  • Laser Microphone  • Laser Unit/Laser Receiver • Monitor Unit • Accessories	Lot 1		
	Computerized Lie     Detector Machine         Hardware         Sensor Input         Accessories  - Operations and mainton	Lot 2	180 Calendar	AIR Warehouse, Army Intelligence Regiment,
2	manual for each appropriate unit of the supplied Goods; -Furnishing of tools required for assembly and/or and maintenance of the supply Goods; -Five (5) days Training period for the Twenty (20) Personnel of the procuring Entity's, at the supplier's plant and/or on/site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods; -Colored Manufacturer's Brochure or Literature of the product being offered; and		Days upon receipt of NTP	Philippine Army, Fort Bonifacio, Taguig City

## Section VII. Technical Specifications

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HEADQUARTERS PHILIPPINE ARMY ARMY INTELLIGENCE REGIMENT, PA Fort Andres Bonifacio, Taguig City



## TECHNICAL SPECIFICATIONS FOR LASER MICROPHONE

Description:		on:	A laser microphone is a device that uses a laser beam to detect sound vibrations in a distant object. It can be used to eavesdrop with minimal chance of exposure. Also, it can detect vibrations caused by speech at various angles and on many surfaces.	
		This equipment is used to perform surveillan		
Tec	chnical		Requirements:	
1.	Lase	r Unit/ Laser Receiver		
	1.1.	Laser power	<10 mW, laser safety IEC/EN60825-1 class 1, eye-safe	
	1.2.	Wave length	1.550 nm, invisible for the human eye	
	1.3.	Characteristics of the detection surface	All technical surfaces incl. glass and other solid bodies;	
	1.4.	Current consumption	Approx. 75 W	
	1.5.	Supply voltage	100 V - 240 VAC +/- 10%, 50/60 Hz, or external 12 V inverter	
	1.6.	Measuring distance	From 5m up to 150 m adjustable by manual focusing	
	1.7.	Targeling	With built-in low-light 0.1 Lux PAL CCD colour camera with target     Marking with 460 TV lines and 765 x 582 pixels and acoustic     Information via headset	
	1.8.	Protection class	IP-40	
	1.9.	Bandwidth settings	WIDE 150 Hz - 7 kHz	
2.	Monitor Unit		NATURAL NO. 100	
	2.1.	Sensitivity	High, medium, low	
	2.2.	Display	4 lines with backlight	
	2.3.	Volume control	Via +/- keys	
	2.4.	Phone	3.5 mm TRS filtered audio signal with dynamic compression.	





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3.	Meas	surements	
	3.1.	Laser Item Dimensions LxWxH	400 x 165 x 100 mm incl. objective
	3.2.	Laser Unit Weight	Min. 6kg
	3.3.	Monitor Dimensions	225 x 360 x 135 mm
	3.4.	Monitor Weight	Min. 6kg
4.	Accessories		
			Monitor unit with connecting cable,
			Tripod with gear head
			12V / 230V inverter
			IR inverter board to visualize the laser beam,
			Operating instructions
			Carrying case

Prepared by:

MAJ

CARLITO G CABANGUNAY JR

TWG Technical Officer

Noted by:

JULIUS & GUNDAYAO

Chairman, TWG for Laser Microphone

Recommended by:

PETER BYBURGONIO Brigadier General PA Regimen Commander Approved by:

ROY M GALIDO Lieutenant General, PA Commanding General



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## HEADQUARTERS PHILIPPINE ARMY ARMY INTELLIGENCE REGIMENT, PA Fort Andres Bonifacio, Taguig City



## TEST AND ACCEPTANCE PROCEDURES FOR LASER MICROPHONE

#### 1. GENERAL

- Scope: This Test and Acceptance Procedure shall apply to the Laser Microphone.
- 1.2. Objective: To determine compliance of the Laser Microphone with standards/specifications and operational performance set forth with the needs of the end user.

#### 1.3. Methodology:

- 1.3.1. The Test and Evaluation is divided into two (2) phases:
- 1.3.1.1. The Physical Inventory and Inspection This shall cover the completeness of the delivered Laser Microphone in terms of presence of required accessories, and documentary requirements. The inspection also includes verification/inspection of Test Certificates and other necessary documentation. The physical Inspection shall be conducted to the delivered Laser Microphone.
- 1.3.1.2. Functional and Performance Test- Functionality test shall be conducted on Laser Microphone to establish respective function as indicated therein to determine compliance to the technical specifications and submitted product specification of the supplier.
- 1.3.2. The inspection includes manual, visual, evaluation and verification of the specifications for compliance to the Technical Specifications and other Mandatory Requirements set forth in the contract. The functional testing shall consider factors that will affect the evaluation such as the testing environment, and availability of facility/equipment. Safety of the test committee shall be given premium at all times. Other stakeholders shall be allowed to witness the evaluation to ensure transparency and impartiality.



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#### 2. TEST PARAMETERS

#### 2.1. Hardware Technical Specifications

#### 2.1.1. Weight

- 2.1.1.1 Purpose: To determine the weight of the Laser Microphone.
- 2.1.1.2 Procedure: Visually Inspect the required weight of the Laser Microphone. Record Observation.
- 2.1.1.3. Standard: The minimum requirement should conform to what is stipulated in the Technical Specification.

#### 2.1.2. Dimensions

- 2.1.2.1 Purpose: To determine the dimensions of the delivered Laser Microphone.
- 2.1.2.2 Procedure: Measure the dimensions of the Laser Microphone from the foremost end to the opposite rearmost end using a steel tape of its equivalent.
- 2.2.2.3 Standard: The minimum requirement should conform to what is stipulated in the Technical Specification.

#### 2.1.3. Laser Unit

- 2.1.3.1. Purpose: To determine the standard requirement for Laser Unit of delivered Laser Microphone.
- 2.1.3.2. Procedure: Visually inspect the specifications of Laser Unit. Record Observation.
- 2.1.3.3. Standard: The minimum requirement should conform to what is stipulated in the Technical Specification the Manufacturer's Standard.

#### 2.1.4. Laser Receiver

- 2.1.4.1. Purpose: To determine the standard requirement for Laser Receiver of delivered Laser Microphone.
- 2.1.4.2. Procedure: Visually inspect the equipment. Record Observation.
- 2.1.4.3. Standard: The minimum requirement should conform to what is stipulated in the Technical Specification and the Manufacturer's Standard.



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#### 2.1.5. Monitor

2.1.5.1. Purpose: To determine the monitor requirements of the delivered Laser Microphone.

2.1.5.2. Procedure: Visually inspect the equipment. Record

Observation.

2.1.5.3. Standard: The minimum requirement should conform to what is stipulated in the Technical Specification and the Manufacturer's Standard.

#### 2.1.6. Features

 2.1.7.1. Purpose: To determine the required features of the delivered Laser Microphone.

2.1.7.2 Procedure: Visually inspect the equipment required features. Turn the power on and inspect the presence and functionality of the equipment and other attachments (e.g. Monitor unit with connecting cable, Tripod with gear head, IR inverter board to visualize the laser beam, Operating instructions, and Carrying case). Record observation.

2.1.7.3 Standard: The minimum requirement should conform to what is stipulated in the Technical Specification.

#### 2.2 PERFORMANCE AND FUNCTIONALITY TEST

#### 2.2.1 Speed

2.2.1.1 Purpose: To determine the functionality speed of the delivered Laser Microphone.

2.2.1.2 Procedure: Test the equipment and record the speed requirements.

2.2.1.3 Standard: The minimum requirement should conform to what is stipulated in the Technical Specification.

#### 2.2.2 Test

2.2.2.1 Purpose: To determine the overall function of the delivered Laser Microphone.

2.2.2.2 Procedure: Turn the printer on, test all the components and features included in the package. Record Observation.

2.2.2.3 Standard: The Laser Microphone will meet the standard requirement of the end user.



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#### 2.3 TEST CERTIFICATES AND OTHER DOCUMENTATIONS

2.3.1 At the time of delivery of the vehicle, the manufacturer/supplier shall provide copy of test certificate covering the following tests that were conducted to the delivery, to wit:

2.3.1.1 Laser Microphone Technical Specifications

2.3.1.2 Included Accessories

2.3.1.3 Manufacturer's Functionality/Speed Test Result

2.3.2 Copy of complete operation and service manuals including accessories/parts service replacement catalogues (reference product item number for reordering) covering the Laser Microphone.

#### 3. PASS/FAIL CRITERIA

The rating that will be applied for the evaluation of the delivered the Laser Microphone shall either Pass (P) or Fail (F). Lacking requirements shall be provided. The Laser Microphone with in-operational parts/accessories or failed to pass any of the inspection and test parameters shall be corrected, repaired, or replaced by the supplier as per provisions of the contract.

Prepared by:

CARLITO G CABANGUNAY JR MAJ (SC) PA

TWG Technical Officer

Recommended by:

JULIUS GUNBAYAO LTC (MI) PA Chairman, TWG for

Microphone

Laser

Approved by:

GILBERT R OMBOS Colonel MNSA (INF) PA Chairperson, AIRCDB

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#### HEADQUARTERS PHILIPPINE ARMY ARMY INTELLIGENCE REGIMENT, PA Fort Andres Bonifacio, Taguig City



## TECHNICAL SPECIFICATIONS FOR COMPUTERIZED LIE DETECTOR

Application:		on:	A computerized polygraph, also known as a polygraph, is a device that measures physiological indicators like blood pressure, pulse, and respiration to detect lies. It's used in lie detection to test for autonomic reactions like micro-expressions, breathing rate, skin conductivity, and heart rate.	
		n:	The tests are used to screen employees determine eligibility for classified information and for counterintelligence purposes. The tests are also used by the authorized persons for security investigations and debriefing.	
Tec	hnical	Data:	Requirements:	
1.	Hardware			
	1.1.	Dimension	Atleast 6.69D x 6.10W x 1.57*H	
	1.2.	Weight	200g (min)	
	1.3.	Connection	USB	
	1.4.	Power Requirements	Receives all required power through USB	
	1.5.	Resolution	24-bit analog to digital conversion (min)	
	1.6.	Sampling Rate	Up to 384Hz, all data is stored at 60Hz (min)	
	1.7.	Operating Temperature	50-95°F (10-35°C) 0-90% (Manufacturer's Standard	
2.	Sensor Input			
	2.1.	Pneumatic Respirations	75 mmHG	
	2.2.	Electronic Respirations	20 to 200 mV into a 1 Mohm Load	
	2.3.	Cardio Arm Cuff	0-215 mmHG	
	2.4.	Plethysmograph	0-215 mmHG	



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	2.5.	Skin Conductance	0.5V Constant Voltage, Range, 1-100uS, 3KV RMS Isolation
	2.6.	Skin Resistance	2.5uA Constant Current, Range 100k0hms- 10Mohms, 3kV RMS Isolation
	2.7.	Skin Potential	100mV, 3KV RMS Isolation
	2.8.	Voice Sub/ Exam	20 to 200 mV into a 1 Mohm Load
	2.9.	Auxillary Input	10/210/1000 uA excitation current 4V
	2.10.	Digital I/O	Eight TTL- compatible Inputs/output
3.	Accessories		1 unit Laptop
			1 unit Printer
			1 pack Continues Paper
			1 pc External Drive
			1 lot Basic Training on the use of the equipment

Prepared by:

MARC JASON S TAAY MAJ (MI) PA TWG Technical Officer

Recommended by:

PETER BURGONIO
Brigadie General PA
Regiment Commander

Noted by:

JULIUS S GUNDAYAO

Chairman, TWG for Computerized Lie Detector

Approved by:

ROY M GALIDO Lieutenant General, PA Commanding General



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#### ARMY 2040: WORLD-CLASS, MULTI-MISSION READY, CROSS-DOMAIN CAPABLE



#### HEADQUARTERS PHILIPPINE ARMY ARMY INTELLIGENCE REGIMENT, PA Fort Andres Bonifacio, Taguig City



#### **TEST AND ACCEPTANCE PROCEDURES** FOR COMPUTERIZED LIE DETECTOR

#### 1. GENERAL

- 1.1. Scope: This Test and Acceptance Procedure shall apply to the Computerized Lie Detector.
- 1.2. Objective: To determine compliance of the Computerized Lie Detector with standards/specifications and operational performance set forth with the needs of the end

#### 1.3. Methodology:

- 1.3.1. The Test and Evaluation is divided into two (2) phases:
- 1.3.1.1. The Physical Inventory and Inspection - This shall cover the completeness of the delivered Computerized Lie Detector in terms of presence of required accessories, and documentary requirements. The inspection also includes verification/Inspection of Test Certificates and other necessary documentation. The physical Inspection shall be conducted to the delivered Computerized Lie Detector.
- Functional and Performance Test- Functionality test shall 1.3.1.2. be conducted on Computerized Lie Detector to establish respective function as indicated therein to determine compliance to the technical specifications and submitted product specification of the supplier.
- 1.3.2. The inspection includes manual, visual, evaluation and verification of the specifications for compliance to the Technical Specifications and other Mandatory Requirements set forth in the contract. The functional testing shall consider factors that will affect the evaluation such as the testing environment, and availability of facility/equipment. Safety of the test committee shall be given premium at all times. Other stakeholders shall be allowed to witness the evaluation to ensure transparency and impartiality.



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#### 2. TEST PARAMETERS

#### 2.1. Hardware Technical Specifications

#### 2.1.1. Weight

- 2.1.1.1 Purpose: To determine the weight of the Computerized Lie Detector.
- 2.1.1.2 Procedure: Visually Inspect the required weight of the Computerized Lie Detector. Record Observation.
- 2.1.1.3. Standard: The minimum requirement should conform to what is stipulated in the Technical Specification.

#### 2.1.2. Dimensions

- 2.1.2.1 Purpose: To determine the dimensions of the delivered Computerized Lie Detector.
- 2.1.2.2 Procedure: Measure the dimensions of the Computerized Lie Detector from the foremost end to the opposite rearmost end using a steel tape of its equivalent.
- 2.2.2.3 Standard: The minimum requirement should conform to what is stipulated in the Technical Specification.

#### 2.1.3. Connection

- 2.1.3.1. Purpose: To determine the connectivity of the Computerized Lie Detector.
- 2.1.3.2. Procedure: Visually inspect the required materials and connections. Record Observation.
- 2.1.3.3. Standard: The minimum requirement should conform to what is stipulated in the Technical Specification.



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#### 2.1.4. Power Connection

- 2.1.4.1. Purpose: To determine all power requirements of the delivered Computerized Lie Detector.
- 2.1.4.2. Procedure; Visually inspect the equipment. Record Observation.
- 2.1.4.3. Standard: The minimum requirement should conform to what is stipulated in the Technical Specification and the Manufacturer's Standard.

#### 2.1.5. Resolution

- 2.1.5.1. Purpose: To determine the resolution of Computerized Lie Detector.
- 2.1.5.2. Procedure: Visually inspect the required resolution.

  Record Observation.
- 2.1.5.3. Standard: The minimum requirement should conform to what is stipulated in the Technical Specification.

#### 2.1.6. Operating Temperature

- 2.1.6.1. Purpose: To determine the operating temperature of the Computerized Lie Detector.
- 2.1.6.2. Procedure: Inspect the humidity of delivered Computerized Lie Detector.
- Standard: The minimum requirement should conform to what is stipulated in the Technical Specification.

#### 2.1.7 Accessories

- 2.1.7.1 Purpose: To determine the presence and functionality of the accessories required/installed in the Computerized Lie Detector.
- 2.1.7.2 Procedure: Visually inspect the equipment and minimum required Accessories. Turn the power on and inspect the presence and functionality of the accessories and other attachments (e.g. laptop, printer, continues paper, external drive and sensor inputs). Record observation.



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2.1.7.3 Standard: The minimum requirement should conform to what is stipulated in the Technical Specification.

#### 2.2 PERFORMANCE AND FUNCTIONALITY TEST

#### 2.2.1 Speed

- 2.2.1.1 Purpose: To determine the functionality speed of the Computerized Lie Detector.
- 2.2.1.2 Procedure: Test the equipment and record the speed requirements.
- 2.2.1.3 Standard: The minimum requirement should conform to what is stipulated in the Technical Specification.

#### 2.2.2 Test

- 2.2.2.1 Purpose: To determine the overall function of the Computerized Lie Detector.
- 2.2.2.2 Procedure: Examiners provided by the supplier will conduct sample tests on a person whether lying or not by tracking skin conductance, breathing rate, blood pressure, perspiration, and heart rate. Record Observation.
- 2.2.2.3 Standard: The Computerized Lie Detector accurately measures and records physiological responses while the subject answers a series of questions.

#### 2.3 TEST CERTIFICATES AND OTHER DOCUMENTATIONS

- 2.3.1 At the time of delivery of the vehicle, the manufacturer/supplier shall provide copy of test certificate covering the following tests that were conducted to the delivery, to wit:
  - 2.3.1.1 Equipment Technical Specifications
  - 2.3.1.2 Included Accessories
  - 2.3.1.3 Manufacturer's Functionality/Speed Test Result
  - 2.3.1.4 Basic Training on the use of equipment
- 2.3.2 Copy of complete operation and service manuals including accessories/parts service replacement catalogues (reference product item number for reordering) covering the Computerized Lie Detector.



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#### 3. PASS/FAIL CRITERIA

The rating that will be applied for the evaluation of the delivered Computerized Lie Detector shall either Pass (P) or Fail (F). Lacking requirements shall be provided. Computerized Lie Detector with in-operational parts/accessories or failed to pass any of the inspection and test parameters shall be corrected, repaired, or replaced by the supplier as per provisions of the contract.

Prepared by:

Recommended by:

MARC JASON S TAAY (MI) PA

TWG Technical Officer

GUNDAYAO

LTC (MI) PA

Chairman, TWG for Computerized Lie Detector Approved by:

OMBOS

Colonel MNSA (NF) PA

Chairperson, AIRCDB

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# Section VIII. Checklist of Technical and Financial Documents

- \* For foreign bidders, the value of the current assets and current liabilities shall be based on their latest Audited Financial Statements (AFS) prepared in accordance with international reporting standards. The NFCC computation shall be expressed in Philippine Peso based on the prevailing exchange rate as published in the BSP reference rate bulletin on the date of preparation of the AFS.
- \* If the prospective bidder opts to submit a Committed Line of Credit, it must be at least equal to ten percent (10%) of the ABC of the project issued by local universal or commercial bank. **The amount of Committed Line of Credit must be Machine Validated**. The Committed Line of Credit must be effective or available on the date of the bid submission.

#### Class "B" Documents

Duly signed **Joint Venture Agreement (JVA)** in case the joint venture is already in existence; **or** 

In the absence of a JVA, duly **Notarized Statement/s 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. Failure to enter into a joint venture in the event of a contract award shall be ground for the forfeiture of the bid security; **or** 

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In case JVA is not applicable, the bidder must submit a duly signed Statement stating that JVA is not applicable in lieu of the foregoing (Annex 4).

\*Note:

The JVA should be specific to the project including the purpose and all supporting documents related thereto.

- Bid security in the prescribed form, amount and validity period; or a Notarized Bid Securing Declaration (Annex 5).
  - 1. Conformity with the Schedule of Requirements. (Annex 6-A)
- 2. **Duly signed Conformance/Statement of Compliance** to Technical Bid Form (**Annex 6-B**); Technical Specifications (TS) and other Test and Acceptance Procedure (TAP) (**Annex 6-C**).

Certificate from Armed Forces of the Philippines Procurement Service (AFPPS) that the Bidder is not Blacklisted and No Overdue Delivery; or

In the absence of the said Certificate, the Bidder shall submit a proof of application of the same *stamped received* by AFPPS **if manually filed, or** *acknowledged received* by the AFPPS through its official email address: <a href="mailto:afppsthree@gmail.com">afppsthree@gmail.com</a> if electronically filed.

\*Note:

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In case of Joint Venture, each JV partner shall submit the Certificate.

- I Notarized Omnibus Sworn Statement (OSS) (Annex 7)
- Proof of Authority of the designated representative/s for purposes of the bidding

#### For Local Bidder:

- a. Duly notarized Special Power of Attorney For Sole Proprietorship if owner opts to designate a representative/s; OR
- b. Duly notarized Secretary's Certificate evidencing the authority of the designated representative/s, issued by the corporation, cooperative or the members of the joint venture.

#### For Foreign Bidder:

- a. Valid and Current Written Appointment of the Philippine based company (as local representative of foreign manufacturer) issued by the foreign bidder. The written appointment must include detailed scope of responsibility of the local representative. A Certified True Copy of the Written Appointment may be submitted subject to the presentation of the original document during post qualification; AND
- b. Duly Notarized authorization of the duly registered Philippine-based company representative (e.g. Secretary's Certificate for Corporation, Special Power of Attorney for Sole Proprietor) with specimen signature of the authorized representative (for SPA) to transact with PA/AFP including address and contact number. OR
- c. In case the authorized local representative is an individual (citizen of the Philippines), a Valid and Current Written Appointment of the said individual as the local representative issued by the foreign bidder must be submitted. The written appointment must include detailed scope of responsibility of the local representative. A Certified True Copy of the Written Appointment may be submitted subject to the presentation of the original document during post qualification.

Note 1 for Local and Foreign Bidder: Provided that in the case of unincorporated joint venture, each member shall submit a separate Special Power of Attorney and/or Secretary's Certificate evidencing the authority of the designated representatives for purposes of this bidding.

Note 2 for Local and Foreign Bidder: The Special Power of Attorney, or its equivalent document, must have a specimen signature of the bidder or its authorized representative; it must indicate in the said document the contact details of the representative and his/her authority to transact with the Philippine Army/AFP; it must indicate the authority of the bidder/authorized representative to sign the Omnibus Sworn Statement.

Current and valid ISO (9001:2015) in the name of the manufacturer of the goods issued by an independent certifying agency.

K

The validity or scope of the ISO or other certificate must cover the production, design, manufacturing, and inspection of the items subject of the bidding.

	Supplier's	certification	that	the	goods	to	be	delivered	have	been
L	manufactu	red not more	than <b>c</b>	one (	<b>1) year</b> f	rom	the	date of deli	very.	

II.	FINANCIAL COMPONENT ENVELOPE
_	Duly signed and accomplished Bid Form (Annex 10-A)
Α	Duly signed and accomplished Financial Bid Form (Annex 10-B)
В	Duly signed and accomplished Price Schedule(s) (Annex 11)

## **Bidding Forms**

Bidding Forms	Annex Nr
Statement of All On-going Government and Private Contracts including Contracts Awarded but not yet started, if any.	Annex 1
Statement of Single Largest Similar Completed Contract within the last two (2) years from date of submission and receipt of bids equivalent to at least fifty percent (50%) of the ABC	Annex 2
Certificate of Net Financial Contracting Capacity (NFCC)	Annex 3-A
Sample Form for Committed Line of Credit	Annex 3-B
Statement that JVA is not applicable	Annex 4
Bid Securing Declaration	Annex 5
Conformity with the Schedule of Requirements	Annex 6-A
Duly signed statement of compliance to:  • Technical Bid Form;  • Technical Specifications (TS);and Test and Acceptance Procedure (TAP)	Annex 6-B Annex 6-C
Omnibus Sworn Statement	Annex 7
Warranty Undertaking	Annex 8
Certificate of Replacement for Defective Items	Annex 9
Duly signed and accomplished Bid Form	Annex 10-A
Financial Bid Form	Annex 10-B
Bid Prices and applicable Price Schedules	Annex 11

Annex 1

#### **Bidder's Company Letterhead**

## Procurement of One (1) Lot Computerized Lie Detector Machine and One (1) Lot Laser Microphone

#### **BID REF NO. SIG PABAC2-023-24**

Lot	Description	Qty	ABC (Pesos)	Please Check the lot being bid
1	Laser Microphone	1 Lot	2,300,000.00	
2	Computerized Lie Detector Machine	1 Lot	1,500,000.00	

## STATEMENT OF ALL ONGOING GOVERNMENT AND PRIVATE CONTRACTS (INCLUDING CONTRACTS AWARDED BUT NOT YET STARTED)

#### 1. All On-going Government Contracts

Name of Contract	Date of Contract	Kinds of Goods	Value Contract	of	Status Contract	of	Delivery Period	Purchase Order, Notice to Proceed or Contract
TOTAL								

Total Value of Contract:		
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#### 2. All On-going Private Contracts

Name of Contract	Date of Contract	Kinds of Goods	Value of Contract	Status of Contract	Delivery Period	Purchase Order, Notice to Proceed or Contract
TOTAL						

Total Value of Contract:	
	CERTIFIED CORRECT:
	Name and Signature of Authorized Representative
	Position

Annex 2

#### **Bidder's Company Letterhead**

## Procurement of One (1) Lot Computerized Lie Detector Machine and One (1) Lot Laser Microphone

#### **BID REF NO. SIG PABAC2-023-24**

Lot	Description	Qty	ABC (Pesos)	Please Check the lot being bid
1	Laser Microphone	1 Lot	2,300,000.00	
2	Computerized Lie Detector  Machine	1 Lot	1,500,000.00	

# Statement of Single Largest Similar Completed Contract within the last two (2) years from date of submission and receipt of bids equivalent to at least fifty (50%) of the ABC

Name of Contract	Date of Contract	Kinds of Goods	Value of Contract	Delivery Period	End-User's Acceptance or Official Receipts
TOTAL					

CERTIFIED CORRECT:					
Name and Signature of Authorized Representative					
Position					
Date					

Annex 3-A

## Procurement of One (1) Lot Computerized Lie Detector Machine and One (1) Lot Laser Microphone

#### **BID REF NO. SIG PABAC2-023-24**

Lot	Description	Qty	ABC (Pesos)	Please Check the lot being bid
1	Laser Microphone	1 Lot	2,300,000.00	
2	Computerized Lie Detector Machine	1 Lot	1,500,000.00	

#### CERTIFICATE OF NET FINANCIAL CONTRACTING CAPACITY

(Please show figures at how you arrived at the NFCC)

	This is to certify that our Net Financial Contracting Capacity (NFCC) is Philippine
Pesos bidding	( P) which is at least equal to the total ceiling price we are g.
	The amount is computed as follows: NFCC = (CA-CL) (K)-C
	Where:
	CA = Current Assets
	CL = Current Liabilities
	<ul> <li>K = 15</li> <li>C = value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started coinciding with the contract for this Project</li> </ul>
	Issued this day of, 2023.
	CERTIFIED CORRECT:
	Name & Signature of Authorized Representative
	Position
	 Date

Annex 3-B

## (Name of Bank) COMMITTED LINE OF CREDIT

Lot	Description	Qty	ABC (Pesos)	Please Check the lot being bid
1	Laser Microphone	1 Lot	2,300,000.00	
2	Computerized Lie Detector Machine	1 Lot	1,500,000.00	

Date:	
ARMED FORCES OF THE PHILIPOFFICE OF THE PHILIPPINE A Fort Andres Bonifacio, Taguig Cir	ARMY BIDS AND AWARDS COMMITTEE
PROJECT COMPANY/FIRM ADDRESS BANK/FINANCING INSTITUTIO ADDRESS AMOUNT	:
indicated above, commits to provid above-mentioned Contract, a cred	above Bank/Financing Institution with business address the (Supplier/Distributor/Manufacturer), if awarded the lit line in the amount specified above which shall be formance of the above-mentioned contract subject to our
	vailable on the date of the submission of bid by the and such line of credit shall be maintained until the project
in connection with the bidding rec	ssued in favor of said (Supplier/Distributor/Manufacturer) quirement of (Name of Procuring Entity) for the above-that any false statements issued by us make us liable for
	cannot be terminated or cancelled without the prior written HILIPPINE ARMY BIDS AND AWARDS COMMITTEE.
Name and Signature of Authorized	Financing Institution Office
Official Designation	

Concurred By:		
Name & Signature of (Supplier/Distributor/Manufactur	urer's) Authorized Representative	
Official Designation SUBSCRIBED AND SWORN TO BEFORE M	ME this day of	o.t
, Philippines. Affiant exhibited to me his/h	<del>-</del>	
defined by the 2004 Rules on Notarial Practice at	(A.M. No. 02-8-13-SC), issued	
	NOTARY PUBLIC	
Doc No:		
Page No:		
Book No:		
Series of:		

Annex 4

#### (Company Letterhead)

## Procurement of One (1) Lot Computerized Lie Detector Machine and One (1) Lot Laser Microphone

#### **BID REF NO. SIG PABAC2-023-24**

Lot	Description	Qty	ABC (Pesos)	Please Check the lot being bid
1	Laser Microphone	1 Lot	2,300,000.00	
2	Computerized Lie Detector Machine	1 Lot	1,500,000.00	

This is to certi	fy that	_(name of bide	der)	will be	participating	withou
a joint venture partn	<b>ner</b> in the proc	urement of	(nam	ne of projec	<u>et)</u>	<b>_·</b>
Further, the Applicable for the ab	_	_	that <b>Joint</b>	Venture	Agreement	is No
	C	ERTIFIED CO	ORRECT:			
	Name & Sign	cature of Autho	orized Repre	sentative		
		Positio	n			
		 Date				

Annex 5

Lot	Description	Qty	ABC (Pesos)	Please Check the lot being bid
1	Laser Microphone	1 Lot	2,300,000.00	
2	Computerized Lie Detector  Machine	1 Lot	1,500,000.00	

Name of Project:	
Public Bidding Nr:	
ABC:	

#### **BID-SECURING DECLARATION**

REPUBLIC (	OF THE	PHILI	PPINES)
CITY OF			)

#### **BID-SECURING DECLARATION**

Invitation to Bid/Request for Expression of Interest No. 1: (Insert reference 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 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 Declarations, 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 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 consideration or (ii) I/We filed a waiver to avail of said right;
- c) I am/were declared as the bidder with the Lowest Calculated and Responsive Bid/Highest Rated and Responsive Bids, and I/We have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We hereunto set my/our hand/s this \_ day of (Month) (Year) at (Place of Execution).

#### NAME OF BIDDERS AUTHORIZED REPRESENTATIVE (Insert signatory's legal capacity) AFFIANT

	, Phil	ippines	s. Affiant e	xhibited t	o me his/	her com	peten	day of _ tt Evidence of 02-8-13-SC),	identity	y as
			_ at				)TAR	RY PUBLIC		
Doc No: Page No: Book No: Series of:	_ _ _									

Annex 6-A

#### **SCHEDULE OF REQUIREMENTS**

Procurement of One (1) Lot Computerized Lie Detector Machine and One (1)

Lot Laser Microphone

**BID REF NO. SIG PABAC2-023-24** 

Lot	Description	Qty	ABC (Pesos)	Please Check the lot being bid
1	Laser Microphone	1 Lot	2,300,000.00	
2	Computerized Lie Detector  Machine	1 Lot	1,500,000.00	

TO THE BIDDER: Indicate "COMPLY" If proposal meets the technical specifications and project requirements. DO NOT LEAVE ANY BLANK. A "YES OR NO" ENTRY WILL NOT BE ACCEPTED. FAILURE TO CONFORM WILL RESULT IN A RATING OF "FAILED". Description Qty/ **Full Delivery Delivery Place Bidders** Unit within; **Proposal Intel Capability Enhancement Program**  Laser Microphone Laser 1 Lot Unit/Laser Receiver Monitor Unit Accessories Computerized Lie etector Machine Hardware AIR Warehouse, Army 1 Lot Sensor Intelligence Regiment 180 days from the Input Philippine Army, Fort date of NTP Accessories Bonifacio, Taguig City, **Philippines** - Installation and configuration: -Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods; -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; -Performance or supervision of on-site assembly and/or start-up of the supplied Goods; -Furnishing of tools required for assembly and/or and maintained the supply Goods; -Five (5) days Training period for the Twenty (20) Personnel of the procuring Entity's, at the	
the procuring Entity's, at the supplier's plant and/or on/site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods;  - Colored Manufacturer's Brochure or Literature of the	
product being offered; and -Internet downloads may be included to supplement the information contained in the original brochures.	

#### Annex 6-B

## STATEMENT OF COMPLIANCE TO TECHNICAL BID FORM, TECHNICAL SPECIFICATIONS, and TEST AND ACCEPTANCE PROCEDURE

The bidder must state in the last column opposite each parameter and required specifications either "Comply" or "Not Comply". All pages shall be properly signed. 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-reference 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 Bidders 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 provisions of ITB Clause above goods manufactured by us.

## CLARIFICATION AND SETTLEMENT OF CONFLICTING INTERPRETATION OF THE TECHNICAL SPECIFICATIONS

All clarifications regarding the technical specifications stipulated in this section will be clarified by the members of the Technical Working Group. In cases of conflicting interpretations, the nature and purpose of the equipment will be the basis of interpretation. The main basis for technical specifications and requirements is the nature and purpose of the equipment and its intended use as determined by the doctrinal application of the end-users represented herein by the Technical Working Group.

Name of Company (in print)		
Name of Company (in print)		
Signature of Company Authorized Representative		
Name and Designation		
<b>G</b>		
Date		

Annex 6-B (Page 1 of 5)

## Procurement of One (1) Lot Computerized Lie Detector Machine and One (1) Lot Laser Microphone

#### **BID REF NO. SIG PABAC2-023-24**

TO THE BIDDER: Indicate "COMPLY" if Bidder's Statement of Compliance meets the Technical Specifications (TS), Test Procedures and Acceptance (TAP) and other Project Requirements. DO NOT LEAVE ANY BLANK. A "YES" OR "NO" ENTRY WILL NOT BE ACCEPTED. FAILURE TO CONFORM WILL RESULT IN A RATING OF "FAILED".

Line No.	Technical Specifications			Bidder's Statement of Compliance	
	Description	Technical Specificatio ns	Test and Acceptance Procedure		
1	Procurement of one (1) Lot Laser Microphone	PA SPECS	PA SPECS		
	Procurement of one (1) Lot Computerized Lie Detector Machine	PA SPECS	PA SPECS		
2	Manufacturing Date: Manufacturing of (1) year from the date of delivery	date should be	not more than	one	
3	We have no overdue deliveries or u Philippine Army (PA).	nperformed se	rvices intended	d for	

#### **BIDDER'S UNDERTAKING**

I/WE, the undersigned bidder, having examined the Bidding Documents including Bid Bulletins, as applicable, hereby OFFER to (supply/deliver/perform) the above described items.

I/WE undertake, if our bid is accepted, to deliver the items in accordance with the terms and conditions contained in the bid documents, including the posting if the required performance security within ten (10) calendar days from receipt of the Notice of Award. Until a formal contract is prepared and signed, thus bid is binding on us.

Name of Company (in print)
Signature of Company Authorized Representative
Name and Designation
Date

Annex 6-B (Page 2 of 5)

#### **TECHNICAL BID FORM**

## Procurement of One (1) Lot Computerized Lie Detector Machine and One (1) Lot Laser Microphone

#### **BID REF NO. SIG PABAC2-023-24**

**TO THE BIDDER: Indicate "COMPLY" if Bidder's Statement of Compliance meets the Technical Specifications (TS), Test Procedures and Acceptance (TAP) and other Project Requirements.**DO NOT LEAVE ANY BLANK. A "YES" OR "NO" ENTRY WILL NOT BE ACCEPTED. FAILURE TO CONFORM WILL RESULT IN A RATING OF "**FAILED**".

Line No.	Additional Requirements to be provided by the Bidder, If awarded the contract	Bidder's Statement of Compliance
4	DELIVERY: a. Delivery Period: 180 calendar days after Receipt of Notice to Proceed by the supplier, which date shall not be later than seven (7) calendar days from the issuance of NTP: should the supplier fail to comply, the delivery period shall commence. b. Delivery Place: AIR Warehouse, Army Intelligence Regiment, Philippine Army, Fort Bonifacio, Taguig City, Philippines c. Delivery must be done in the presence of Philippine Army authorized representatives.	

#### **BIDDER'S UNDERTAKING**

I/WE, the undersigned bidder, having examined the Bidding Documents including Bid Bulletins, as applicable, hereby OFFER to (supply/deliver/perform) the above described items.

I/WE undertake, if our bid is accepted, to deliver the items in accordance with the terms and conditions contained in the bid documents, including the posting if the required performance security within ten (10) calendar days from receipt of the Notice of Award.

Until a formal contract is prepared and signed, thus bid is binding on us.

Name of Company (in print)
Signature of Company Authorized Representative
Name and Designation
Date

Annex 6-B (Page 3 of 5)

#### **TECHNICAL BID FORM**

Procurement of One (1) Lot Computerized Lie Detector Machine and One (1)

Lot Laser Microphone

## FOR THE PHILIPPINE ARMY BID REF NO. SIG PABAC2-023-24

**TO THE BIDDER: Indicate "COMPLY" if Bidder's Statement of Compliance meets the Technical Specifications (TS), Test Procedures and Acceptance (TAP) and other Project Requirements.** DO NOT LEAVE ANY BLANK. A "YES" OR "NO" ENTRY WILL NOT BE ACCEPTED. FAILURE TO CONFORM WILL RESULT IN A RATING OF "FAILED".

Line No.	Additional Requirements to be provided by the Bidder, If awarded the contract	Bidder's Statement of Compliance
	Continuation:  DELIVERY:  a. The supplier must inform the PAPC at least seven (7)	
	calendar days prior to delivery in delivery place/site. Failure to give due notice shall be a ground for non-acceptance of delivery.	
	<b>b.</b> Deliveries made for "safekeeping" purposes ARE NOT ALLOWED	
5	c. Other than the delivery schedule stated above, NO PARTIAL DELIVERIES are allowed.	
	<b>d.</b> During delivery, the Supplier shall be responsible in unloading the items from the container to the designated warehouse of the PA. All costs related to porter services,	
	handling and other related expenses shall be borne by the Supplier. In the absence of material handling equipment at the	
	site, the Supplier shall provide the necessary equipment such as but not limited to: forklifts, hand pallet truck, etc. At the	
	expense of the Supplier.	

#### **BIDDER'S UNDERTAKING**

I/WE, the undersigned bidder, having examined the Bidding Documents including Bid Bulletins, as applicable, hereby OFFER to (supply/deliver/perform) the above described items.

I/WE undertake, if our bid is accepted, to deliver the items in accordance with the terms and conditions contained in the bid documents, including the posting if the required performance security within ten (10) calendar days from receipt of the Notice of Award.

Until a formal contract is prepared and signed, thus bid is binding on us.

Name of Company (in print)
Signature of Company Authorized Representative
Name and Designation

Annex 6-B
(Page 4 of 5)

#### **TECHNICAL BID FORM**

Procurement of One (1) Lot Computerized Lie Detector Machine and One (1)

Lot Laser Microphone

#### **BID REF NO. SIG PABAC2-023-24**

TO THE BIDDER: Indicate "COMPLY" if Bidder's Statement of Compliance meets the Technical Specifications (TS), Test Procedures and Acceptance (TAP) and other Project Requirements. DO NOT LEAVE ANY BLANK. A "YES" OR "NO" ENTRY WILL NOT BE ACCEPTED. FAILURE TO CONFORM WILL RESULT IN A RATING OF "FAILED".

Line No.	Additional Requirements to be provided by the Bidder, If awarded the contract	Bidder's Statement of Compliance
6	Warranty Period: Two (2) years after final acceptance which includes full replacement of defective items free of charge.	
7	b. During TIAC Inspection: b.1. For items delivered within the delivery period, we will correct defects within 30 calendar days upon receipt of written Notice from the PAPC b.2. For items delivered after the lapse of the delivery period, we will correct defects, subject to the imposition of liquidated damages.	
8	In case of rejection, we shall immediately withdraw the items from the Project/Delivery site. Any loss or damage thereto after such declaration shall be our sole responsibility	
9	Replacement of defective Items upon delivery and Testing of Items: Any defects noted during delivery shall be corrected within Thirty (30) calendar days from receipt of Notice to Replace.	

#### **BIDDER'S UNDERTAKING**

I/WE, the undersigned bidder, having examined the Bidding Documents including Bid Bulletins, as applicable, hereby OFFER to (supply/deliver/perform) the above described items.

I/WE undertake, if our bid is accepted, to deliver the items in accordance with the terms and conditions contained in the bid documents, including the posting if the required performance security within ten (10) calendar days from receipt of the Notice of Award.

Until a formal contract is prepared and signed, thus bid is binding on us.

Name of Company (in print)
Signature of Company Authorized Representative
Name and Designation
Date

Annex 6-B (Page 5 of 5)

## Procurement of One (1) Lot Computerized Lie Detector Machine and One (1) Lot Laser Microphone

## FOR THE PHILIPPINE ARMY BID REF NO. SIG PABAC2-023-24

TO THE BIDDER: Indicate "COMPLY" if Bidder's Statement of Compliance meets the Technical Specifications (TS), Test Procedures and Acceptance (TAP) and other Project Requirements. DO NOT LEAVE ANY BLANK. A "YES" OR "NO" ENTRY WILL NOT BE ACCEPTED. FAILURE TO CONFORM WILL RESULT IN A RATING OF "FAILED".

Line No.	Additional Requirements to be provided by the Bidder, If awarded the contract	Bidder's Statement of Compliance
	FOR LOCAL MANUFACTURERS:	
11	A. All expenses relative to inspection shall be for the account of the Procuring Entity.	
	B. Acceptance Tests to be conducted as per prescribed Test and Acceptance Procedures (Annex 6- C).	

#### **BIDDER'S UNDERTAKING**

I/WE, the undersigned bidder, having examined the Bidding Documents including Bid Bulletins, as applicable, hereby OFFER to (supply/deliver/perform) the above described items.

I/WE undertake, if our bid is accepted, to deliver the items in accordance with the terms and conditions contained in the bid documents, including the posting if the required performance security within ten (10) calendar days from receipt of the Notice of Award.

Until a formal contract is prepared and signed, thus bid is binding on us.

Name of Company (in print)
Signature of Company Authorized Representative
Name and Designation
Date

#### Annex 6-C

#### CONFIDENTIAL

ARMY 2040: WORLD-CLASS. MULTI-MISSION READY. CROSS-DOMAIN CAPABLE.



# HEADQUARTERS PHILIPPINE ARMY ARMY INTELLIGENCE REGIMENT, PA Fort Andres Bonifacio, Taguig City



## TECHNICAL SPECIFICATIONS FOR LASER MICROPHONE

Description:			A laser microphone is a device that uses a laser beam to detect sound vibrations in a distant object. It can be used to eavesdrop with minimal chance of exposure. Also, it can detect vibrations caused by speech at various angles and on many surfaces.		
Application:		on:	This equipment is used to perform surveillance and record the speech of a person who might be up to 150m away, in a vehicle, building, or elsewhere.		
Tec		Data:	Requirements:		
1.	Lase	r Unit/ Laser Receiver			
	1.1.	Laser power	<10 mW, laser safety IEC/EN60825-1 class 1, eye-safe		
	1.2.	Wave length	1.550 nm, invisible for the human eye		
	1.3.	Characteristics of the detection surface	All technical surfaces incl. glass and other solid bodies;		
	1.4.	Current consumption	Approx. 75 W		
	1.5.	Supply voltage	100 V - 240 VAC +/- 10%, 50/60 Hz, or external 12 V inverter		
	1.6.	Measuring distance	From 5m up to 150 m adjustable by manual focusing		
	1.7.	Targeting	With built-in low-light 0.1 Lux PAL CCD colour camera with target     Marking with 460 TV lines and 765 x 582 pixels and acoustic     Information via headset		
	1.8.	Protection class	IP-40		
	1.9.	Bandwidth settings	WIDE 150 Hz - 7 kHz		
2.	Monitor Unit		30000		
	2.1.	Sensitivity	High, medium, low		
	2.2.	Display	4 lines with backlight		
	2.3.	Volume control	Via +/- keys		
	2.4.	Phone	3.5 mm TRS filtered audio signal with dynamic compression.		



HONOR. PATRIOTISM. DUTY.



#### Conforme:

Bidder's Company Name
Signature of Authorized Representative
Designation
Date

### ARMY 2040: WORLD-CLASS, MULTI-MISSION READY, CROSS-DOMAIN CAPABLE.

3.	Meas	surements	
	3.1.	Laser Item Dimensions LxWxH	400 x 165 x 100 mm incl. objective
	3.2.	Laser Unit Weight	Min. 6kg
	3.3.	Monitor Dimensions	225 x 360 x 135 mm
	3.4.	Monitor Weight	Min. 6kg
4.	Accessories		
			Monitor unit with connecting cable,
			Tripod with gear head
			12V / 230V inverter
			IR inverter board to visualize the laser beam,
			Operating instructions
			Carrying case

Prepared by:

Noted by:

CARLITO G CABANGUNAY JR MAJ (SC) PA

TWG Technical Officer

JULIUS & GUNDAYAO

Chairman, TWG for Laser Microphone

Recommended by:

PETER BYBURGONIO Brigadier General PA Regiment Commander Approved by:

ROY M GALIDO Lieutenant General, PA Commanding General



HONOR, PATRIOTISM, DUTY,



Conforme:

Bidder's Company Name

Signature of Authorized Representative

Designation

Date

#### ARMY 2040: WORLD-CLASS. MULTI-MISSION READY. CROSS-DOMAIN CAPABLE.



# HEADQUARTERS PHILIPPINE ARMY ARMY INTELLIGENCE REGIMENT, PA Fort Andres Bonifacio, Taguig City



## TEST AND ACCEPTANCE PROCEDURES FOR LASER MICROPHONE

#### 1. GENERAL

- 1.1. Scope: This Test and Acceptance Procedure shall apply to the Laser Microphone.
- 1.2. Objective: To determine compliance of the Laser Microphone with standards/specifications and operational performance set forth with the needs of the end user.

#### 1.3. Methodology:

- 1.3.1. The Test and Evaluation is divided into two (2) phases:
- 1.3.1.1. The Physical Inventory and Inspection This shall cover the completeness of the delivered Laser Microphone in terms of presence of required accessories, and documentary requirements. The inspection also includes verification/Inspection of Test Certificates and other necessary documentation. The physical Inspection shall be conducted to the delivered Laser Microphone.
- 1.3.1.2. Functional and Performance Test- Functionality test shall be conducted on Laser Microphone to establish respective function as indicated therein to determine compliance to the technical specifications and submitted product specification of the supplier.
- 1.3.2. The inspection includes manual, visual, evaluation and verification of the specifications for compliance to the Technical Specifications and other Mandatory Requirements set forth in the contract. The functional testing shall consider factors that will affect the evaluation such as the testing environment, and availability of facility/equipment. Safety of the test committee shall be given premium at all times. Other stakeholders shall be allowed to witness the evaluation to ensure transparency and impartiality.



HONOR, PATRIOTISM, DUTY.

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Conforme:
Bidder's Company Name
Signature of Authorized Representative
Designation
Date

#### ARMY 2040: WORLD-CLASS. MULTI-MISSION READY. CROSS-DOMAIN CAPABLE.

#### 2. TEST PARAMETERS

#### 2.1. Hardware Technical Specifications

#### 2.1.1. Weight

- 2.1.1.1 Purpose: To determine the weight of the Laser Microphone.
- 2.1.1.2 Procedure: Visually Inspect the required weight of the Laser Microphone. Record Observation.
- 2.1.1.3. Standard: The minimum requirement should conform to what is stipulated in the Technical Specification.

#### 2.1.2. Dimensions

- 2.1.2.1 Purpose: To determine the dimensions of the delivered Laser Microphone.
- 2.1.2.2 Procedure: Measure the dimensions of the Laser Microphone from the foremost end to the opposite rearmost end using a steel tape of its equivalent.
- 2.2.2.3 Standard: The minimum requirement should conform to what is stipulated in the Technical Specification.

#### 2.1.3. Laser Unit

- 2.1.3.1. Purpose: To determine the standard requirement for Laser Unit of delivered Laser Microphone.
- 2.1.3.2. Procedure: Visually inspect the specifications of Laser Unit. Record Observation.
- 2.1.3.3. Standard: The minimum requirement should conform to what is stipulated in the Technical Specification the Manufacturer's Standard.

#### 2.1.4. Laser Receiver

- 2.1.4.1. Purpose: To determine the standard requirement for Laser Receiver of delivered Laser Microphone.
- 2.1.4.2. Procedure: Visually inspect the equipment. Record Observation.
- 2.1.4.3. Standard: The minimum requirement should conform to what is stipulated in the Technical Specification and the Manufacturer's Standard.



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# Bidder's Company Name Signature of Authorized Representative Designation Date

#### ARMY 2040: WORLD-CLASS, MULTI-MISSION READY, CROSS-DOMAIN CAPABLE.

#### 2.1.5. Monitor

2.1.5.1. Purpose: To determine the monitor requirements of the delivered Laser Microphone.

2.1.5.2. Procedure: Visually inspect the equipment. Record

Observation.

2.1.5.3. Standard: The minimum requirement should conform to what is stipulated in the Technical Specification and the Manufacturer's Standard.

#### 2.1.6. Features

 2.1.7.1. Purpose: To determine the required features of the delivered Laser Microphone.

2.1.7.2 Procedure: Visually inspect the equipment required features. Turn the power on and inspect the presence and functionality of the equipment and other attachments (e.g. Monitor unit with connecting cable, Tripod with gear head, IR inverter board to visualize the laser beam, Operating instructions, and Carrying case). Record observation.

2.1.7.3 Standard: The minimum requirement should conform to what is stipulated in the Technical Specification.

#### 2.2 PERFORMANCE AND FUNCTIONALITY TEST

#### 2.2.1 Speed

2.2.1.1 Purpose: To determine the functionality speed of the delivered Laser Microphone.

2.2.1.2 Procedure: Test the equipment and record the speed requirements.

2.2.1.3 Standard: The minimum requirement should conform to what is stipulated in the Technical Specification.

#### 2.2.2 Test

2.2.2.1 Purpose: To determine the overall function of the delivered Laser Microphone.

2.2.2.2 Procedure: Turn the printer on, test all the components and features included in the package. Record Observation.

2.2.2.3 Standard: The Laser Microphone will meet the standard requirement of the end user.



HONOR, PATRIOTISM, DUTY.

Page 3 of 4

#### Conforme:

Bidder's Company Name

Signature of Authorized Representative

Designation

Date

#### ARMY 2040: WORLD-CLASS. MULTI-MISSION READY, CROSS-DOMAIN CAPABLE.

#### 2.3 TEST CERTIFICATES AND OTHER DOCUMENTATIONS

2.3.1 At the time of delivery of the vehicle, the manufacturer/supplier shall provide copy of test certificate covering the following tests that were conducted to the delivery, to wit:

2.3.1.1 Laser Microphone Technical Specifications

2.3.1.2 Included Accessories

2.3.1.3 Manufacturer's Functionality/Speed Test Result

2.3.2 Copy of complete operation and service manuals including accessories/parts service replacement catalogues (reference product item number for reordering) covering the Laser Microphone.

#### 3. PASS/FAIL CRITERIA

The rating that will be applied for the evaluation of the delivered the Laser Microphone shall either Pass (P) or Fail (F). Lacking requirements shall be provided. The Laser Microphone with in-operational parts/accessories or failed to pass any of the inspection and test parameters shall be corrected, repaired, or replaced by the supplier as per provisions of the contract.

Prepared by:

CARLITO G CABANGUNAY JR MAJ (SC) PA

TWG Technical Officer

Recommended by:

JULIUS GUNBAYAO LTC (MI) PA Chairman, TWG for

Microphone

Laser

Approved by:

GILBERT R OMBOS Colonel MNSA (INF) PA Chairperson, AIRCDB



HONOR, PATRIOTISM, DUTY.

Page 4 of 4

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Bidder's Company Name

Signature of Authorized Representative

Designation

Date

#### CONFIDENTIAL

ARMY 2040: WORLD-CLASS. MULTI-MISSION READY. CROSS-DOMAIN CAPABLE.



#### HEADQUARTERS PHILIPPINE ARMY ARMY INTELLIGENCE REGIMENT, PA Fort Andres Bonifacio, Taguig City



## TECHNICAL SPECIFICATIONS FOR COMPUTERIZED LIE DETECTOR

Description:  Application:  Technical Data:		A computerized polygraph, also known as a polygraph, is a device that measures physiological indicators like blood pressure, pulse, and respiration to detect lies. It's used in lie detection to test for autonomic reactions like micro-expressions, breathing rate, skin conductivity, and heart rate.		
		The tests are used to screen employees, determine eligibility for classified information, and for counterintelligence purposes. The tests are also used by the authorized persons for security investigations and debriefing.		
		Requirements:		
1.	Hardware			
-	1.1. Dimension	Atleast 6.69D x 6.10W x 1.57*H		
	1.2. Weight	200g (min)		
	1.3. Connection	USB		
	1.4. Power Requirements	Receives all required power through USB		
	1.5. Resolution	24-bit analog to digital conversion (min)		
	1.6. Sampling Rate	Up to 384Hz, all data is stored at 60Hz (min)		
	1.7. Operating Temperature	50-95°F (10-35°C) 0-90% (Manufacturer's Standard		
2.	Sensor Input			
	2.1. Pneumatic Respirations	75 mmHG		
	2.2. Electronic Respirations	20 to 200 mV into a 1 Mohm Load		
	2.3. Cardio Arm Cuff	0-215 mmHG		
	2.4. Plethysmograph	0-215 mmHG		



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	2.5.	Skin Conductance	0.5V Constant Voltage, Range, 1-100uS, 3KV RMS Isolation		
	2.6.	Skin Resistance	2.5uA Constant Current, Range 100k0hms- 10Mohms, 3kV RMS Isolation		
	2.7.	Skin Potential	100mV, 3KV RMS Isolation		
	2.8.	Voice Sub/ Exam	20 to 200 mV into a 1 Mohm Load		
	2.9.	Auxillary Input	10/210/1000 uA excitation current 4V		
	2.10.	Digital I/O	Eight TTL- compatible Inputs/output		
3.	Acce	ssories	1 unit Laptop		
			1 unit Printer		
			1 pack Continues Paper		
			1 pc External Drive		
			1 lot Basic Training on the use of the equipment		

Prepared by:

MARC JASON S TAAY MAJ (MI) PA TWG Technical Officer

Recommended by:

PETER BURGONIO
Brigadie General PA
Regiment Commander

Noted by:

JULIUS S GUNDAYAO

Chairman, TWG for Computerized Lie Detector

Approved by:

ROY M GALIDO Lieutenant General, PA Commanding General



HONOR, PATRIOTISM, DUTY.



Conforme:
Bidder's Company Name
Signature of Authorized Representative
Designation
Date

#### ARMY 2040: WORLD-CLASS, MULTI-MISSION READY, CROSS-DOMAIN CAPABLE.



# HEADQUARTERS PHILIPPINE ARMY ARMY INTELLIGENCE REGIMENT, PA Fort Andres Bonifacio, Taguig City



## TEST AND ACCEPTANCE PROCEDURES FOR COMPUTERIZED LIE DETECTOR

#### 1. GENERAL

- Scope: This Test and Acceptance Procedure shall apply to the Computerized Lie Detector.
- 1.2. Objective: To determine compliance of the Computerized Lie Detector with standards/specifications and operational performance set forth with the needs of the end user

#### 1.3. Methodology:

- 1.3.1. The Test and Evaluation is divided into two (2) phases:
- 1.3.1.1. The Physical Inventory and Inspection This shall cover the completeness of the delivered Computerized Lie Detector in terms of presence of required accessories, and documentary requirements. The inspection also includes verification/Inspection of Test Certificates and other necessary documentation. The physical Inspection shall be conducted to the delivered Computerized Lie Detector.
- 1.3.1.2. Functional and Performance Test- Functionality test shall be conducted on Computerized Lie Detector to establish respective function as indicated therein to determine compliance to the technical specifications and submitted product specification of the supplier.
- 1.3.2. The inspection includes manual, visual, evaluation and verification of the specifications for compliance to the Technical Specifications and other Mandatory Requirements set forth in the contract. The functional testing shall consider factors that will affect the evaluation such as the testing environment, and availability of facility/equipment. Safety of the test committee shall be given premium at all times. Other stakeholders shall be allowed to witness the evaluation to ensure transparency and impartiality.



HONOR, PATRIOTISM, DUTY.

Page 1 of 4

Conforme:
Bidder's Company Name
Signature of Authorized Representative
Designation
Date

#### ARMY 2040: WORLD-CLASS. MULTI-MISSION READY. CROSS-DOMAIN CAPABLE.

#### 2. TEST PARAMETERS

#### 2.1. Hardware Technical Specifications

#### 2.1.1. Weight

- 2.1.1.1 Purpose: To determine the weight of the Computerized Lie Detector.
- 2.1.1.2 Procedure: Visually Inspect the required weight of the Computerized Lie Detector. Record Observation.
- 2.1.1.3. Standard: The minimum requirement should conform to what is stipulated in the Technical Specification.

#### 2.1.2. Dimensions

- 2.1.2.1 Purpose: To determine the dimensions of the delivered Computerized Lie Detector.
- 2.1.2.2 Procedure: Measure the dimensions of the Computerized Lie Detector from the foremost end to the opposite rearmost end using a steel tape of its equivalent.
- 2.2.2.3 Standard: The minimum requirement should conform to what is stipulated in the Technical Specification.

#### 2.1.3. Connection

- 2.1.3.1. Purpose: To determine the connectivity of the Computerized Lie Detector.
- 2.1.3.2. Procedure: Visually inspect the required materials and connections. Record Observation.
- 2.1.3.3. Standard: The minimum requirement should conform to what is stipulated in the Technical Specification.



HONOR, PATRIOTISM, DUTY.

Page 2 of 4

Conforme:
Bidder's Company Name
Signature of Authorized Representative
Designation
Data

Observation.

## ARMY 2040: WORLD-CLASS. MULTI-MISSION READY. CROSS-DOMAIN CAPABLE.

#### 2.1.4. Power Connection

 2.1.4.1. Purpose: To determine all power requirements of the delivered Computerized Lie Detector.

2.1.4.2. Procedure: Visually inspect the equipment. Record

2.1.4.3. Standard: The minimum requirement should conform to what is stipulated in the Technical Specification and the Manufacturer's Standard.

#### 2.1.5. Resolution

2.1.5.1. Purpose: To determine the resolution of Computerized
 Lie Detector.

2.1.5.2. Procedure: Visually inspect the required resolution.

Record Observation.

2.1.5.3. Standard: The minimum requirement should conform to what is stipulated in the Technical Specification.

#### 2.1.6. Operating Temperature

- 2.1.6.1. Purpose: To determine the operating temperature of the Computerized Lie Detector.
- 2.1.6.2. Procedure: Inspect the humidity of delivered Computerized Lie Detector.
- 2.1.6.3. Standard: The minimum requirement should conform to what is stipulated in the Technical Specification.

#### 2.1.7 Accessories

- 2.1.7.1 Purpose: To determine the presence and functionality of the accessories required/installed in the Computerized Lie Detector.
- 2.1.7.2 Procedure: Visually inspect the equipment and minimum required Accessories. Turn the power on and inspect the presence and functionality of the accessories and other attachments (e.g. laptop, printer, continues paper, external drive and sensor inputs). Record observation.



HONOR. PATRIOTISM. DUTY.

Page 3 of 4

# Conforme: Bidder's Company Name Signature of Authorized Representative Designation Date

#### ARMY 2040: WORLD-CLASS, MULTI-MISSION READY, CROSS-DOMAIN CAPABLE.

2.1.7.3 Standard: The minimum requirement should conform to what is stipulated in the Technical Specification.

#### 2.2 PERFORMANCE AND FUNCTIONALITY TEST

#### 2.2.1 Speed

- 2.2.1.1 Purpose: To determine the functionality speed of the Computerized Lie Detector.
- 2.2.1.2 Procedure: Test the equipment and record the speed requirements.
- 2.2.1.3 Standard: The minimum requirement should conform to what is stipulated in the Technical Specification.

#### 2.2.2 Test

- 2.2.2.1 Purpose: To determine the overall function of the Computerized Lie Detector.
- 2.2.2.2 Procedure: Examiners provided by the supplier will conduct sample tests on a person whether lying or not by tracking skin conductance, breathing rate, blood pressure, perspiration, and heart rate. Record Observation.
- 2.2.2.3 Standard: The Computerized Lie Detector accurately measures and records physiological responses while the subject answers a series of questions.

#### 2.3 TEST CERTIFICATES AND OTHER DOCUMENTATIONS

- 2.3.1 At the time of delivery of the vehicle, the manufacturer/supplier shall provide copy of test certificate covering the following tests that were conducted to the delivery, to wit:
  - 2.3.1.1 Equipment Technical Specifications
  - 2.3.1.2 Included Accessories
  - 2.3.1.3 Manufacturer's Functionality/Speed Test Result
  - 2.3.1.4 Basic Training on the use of equipment
- 2.3.2 Copy of complete operation and service manuals including accessories/parts service replacement catalogues (reference product item number for reordering) covering the Computerized Lie Detector.



## HONOR, PATRIOTISM, DUTY.

Page 4 of 4

# Conforme: Bidder's Company Name Signature of Authorized Representative Designation

Date

Annex 7

### **Omnibus Sworn Statement**

REPUBLIC OF THE PHILIPPIN	ES	)
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;

- 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 following responsibilities as a Bidder:
  - a) Carefully examine all of the Bidding Documents;
  - b) Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;
  - c) Made an estimate of the facilities available and needed for the contract to be bid, if any; and
  - d) Inquire or secure 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.

at, Philippines.	nereunto set my hand this day of, 20
, r mppmee.	[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE] [Insert signatory's legal capacity] Affiant
athimself/herself/themselves whom I was a	RN to before me thisday of, Philippines, by the affiant/s ble to personally identify through his/her/their [insert card used], which he/she/they has/have presented to
Witness my hand and seal this	a day of [month] [year].
	NAME OF NOTARY PUBLIC Serial No. of Commission Notary Public for until Roll of Attorneys No PTR No [date issued], [place issued] IBP No [date issued], [place issued]
Doc No: Page No: Book No: Series of:	

Annex 8

## (Bidder's Company Letterhead)

## **WARRANTY UNDERTAKING**

Procurement of One (1) Lot Computerized Lie Detector Machine and One (1) Lot Laser Microphone

## **BID REF NO. SIG PABAC2-023-24**

Lot	Description	Qty	ABC (Pesos)	Please Check the lot being bid
1	Laser Microphone	1 Lot	2,300,000.00	
2	Computerized Lie Detector Machine	1 Lot	1,500,000.00	_

/We, <u>(Name)</u> ,	(Title/Capacity)	<u>,</u> the duly authorized represe	entative of
Company/Bidder)	, hereby commits	that should we be awarded the	contract,
we will issue a War	ranty Certificate in favor	of the Philippine Army (PA) v	alid for at
east two (2) years fi	rom date of final acceptar	ice.	
This Undertaking sl procurement project	•	chnical Requirements for the	aforesaid
	Signature of Company	/ Representative	
	Name & Des	ignation	
	Date		

Annex 9

## **Bidder's Company Letterhead**

## **CERTIFICATE OF REPLACEMENT FOR DEFECTIVE ITEMS**

Procurement of One (1) Lot Computerized Lie Detector Machine and One (1) Lot Laser Microphone

## **BID REF NO. SIG PABAC2-023-24**

Lot	Description	Qty	ABC (Pesos)	Please Check the lot being bid
1	Laser Microphone	1 Lot	2,300,000.00	
2	Computerized Lie Detector  Machine	1 Lot	1,500,000.00	

I/We,	(Name) ,	(Title/Capacity)	, the duly authorized representative of
(Company/Bidder)	, hereby con	nmits that should we be	e awarded the contract, we will replace all
defective items with	nin thirty (30) calendar	days upon receipt of N	Notice of Defects from the Philippine Army.
	• , ,		
This Certifi	cation shall form par	t of the Technical Rec	quirements for the aforesaid procurement
project.	•		
Issued this	day of	2023 in	, Philippines
Name of Commons	/D:ddo:n\	Full Names of	(Authorized Democratative
Name of Company	(Blader)	Full Name of	Authorized Representative
Address		Signature of	Authorized Representative
Addiess		Signature of	Authorized Nepresentative
Tel. No./Fax		E-mail Addre	
		=a / taaro	

## Annex 10-A

Lot	Description	Qty	ABC (Pesos)	Please Check the lot being bid
1	Laser Microphone	1 Lot	2,300,000.00	
2	Computerized Lie Detector Machine	1 Lot	1,500,000.00	

Bid Form for the Procurement of Goods [shall be submitted with the Bid]			
	BID FORM		
	Date:		
	Project Identification No.:		
To: [name and	address of Procuring Entity]		
Supplemental of acknowledged, in conformity witotal calculated modifications in Bid. The total be applicable taxes fiscal levies and	examined the Philippine Bidding Documents (PBDs) including the or Bid Bulletin Numbers [insert numbers], the receipt of which is hereby duly we, the undersigned, offer to [supply/deliver/perform] [description of theGoods] the said PBDs for the sum of [total Bid amount in words and figures] or the bid price, as evaluated and corrected for computational errors, and otherbid accordance with the Price Schedules attached herewith and made part offthis id price includes the cost of all taxes, such as, but not limited to: [specify the s, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other duties], which are itemized herein or in the Price Schedules, pted, 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 bindingupon us at any time before the expiration of that period.		
Commiss	nis paragraph if Foreign-Assisted Project with the Development Partner: sions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to on if we are awarded the contract, are listed below:		
	ess Amount and Purpose of ommission or gratuity		
(if none, state "N	lone") ]		

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  $\operatorname{Bid}$  or any  $\operatorname{Bidyou}$  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:

### Annex 10-B

## (Bidder's Company Letterhead)

## Procurement of One (1) Lot Computerized Lie Detector Machine and One (1) **Lot Laser Microphone**

## **BID REF NO. SIG PABAC2-023-24**

Lot	Description	Qty	ABC (Pesos)	Please Check the lot being bid
1	Laser Microphone	1 Lot	2,300,000.00	
2	Computerized Lie Detector Machine	1 Lot	1,500,000.00	

## **Financial Bid Form**

Description	Otv	ABC Price	Bidder's Proposal
Description	Qty	Total Price	Total Price
Intel Capability Enhancement Program  • Laser Microphone	1 unit	2,300,000.00	
Computerized Lie     Detector Machine	1 unit	1,500,000.00	
TOTAL BID PRICE			

## **Total Bid Price (Amount in Words):**

## BIDDER'S UNDERTAKING

I/We, the undersigned bidder, having examined the Bidding Documents including Bid Bulletins, as applicable, hereby OFFER to (supply/deliver/perform) the above-described items.

I/We undertake, if our bid is accepted, to deliver the items in accordance with the terms and conditions contained in the bid documents, including the posting of the required performance security within ten (10) calendar days from receipt of Notice of Award.

Until a formal contract/order confirmation is prepared and signed, this Bid is binding on us.

Note: If the particula	ar column is not applicable indicate <b>N/A</b> .
-	Name of Company (in print)
-	Signature of Company Representative
-	Name & Designation (in print)
_	Date

Annex 11 FORM NO. 1

## (Bidder's Company Letterhead)

# Procurement of One (1) Lot Computerized Lie Detector Machine and One (1) Lot Laser Microphone

## **BID REF NO. SIG PABAC2-023-24**

Lot	Description	Qty	ABC (Pesos)	Please Check the lot being bid
1	Laser Microphone	1 Lot	2,300,000.00	
2	Computerized Lie Detector Machine	1 Lot	1,500,000.00	

## Price Schedule(s) For Goods Offered from Abroad

Name of Bidder Invitation to Bid of of							er	Page	
1	2	3	4	5	6	7	8	9	
Item	Description	Country of origin	Qty	Unit price CIF port of entry (specify port) or CIP named place (specify border point or place of destination)	Total CIF or CIP price per item (col. 4 x 5)	Unit Price Delivered at Place (DAP)	Unit price Delivered Duty Paid (DDP)	Total Price -(if DAP col 4X7) -(If DDP col 4X8)	
Note: If the particular column is not applicable indicate dash (-) or zero (0), as applicable.									
[signature]					[in the capacity of]				
Duly authorized to sign Bid for and on behalf of									

Page **83** of **85** 

<sup>&</sup>lt;sup>1</sup> If ADB, JICA and WB funded projects, use IFB.

Annex 11 FORM NO. 2

## (Bidder's Company Letterhead)

## Procurement of One (1) Lot Computerized Lie Detector Machine and One (1) Lot Laser Microphone

## **BID REF NO. SIG PABAC2-023-24**

Lot	Description	Qty	ABC (Pesos)	Please Check the lot being bid
1	Laser Microphone	1 Lot	2,300,000.00	
2	Computerized Lie Detector Machine	1 Lot	1,500,000.00	

# Price Schedule(s) For Goods Offered From Within the Philippines

	Name of Bidder				Invitation to Bid <sup>2</sup> Number of			Page		
1	2	3	4	5	6	7	8	9	10	
Item	Description	Country of origin	Quantity	Unit price EXW per item	Transportati on and Insurance 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)	
	Note: If the particular column is not applicable indicate <b>dash</b> (-) or zero (0), as applicable.									
	[signature]					[in the capacity of]				

Duly authorized to sign Bid for and on behalf of \_\_\_\_\_

Procurement of Two (2) Lots Computerized Lie Detector Machine and Laser Microphone

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<sup>&</sup>lt;sup>2</sup> If ADB, JICA and WB funded projects, use IFB.

