

PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

**SUPPLY, DELIVERY AND INSTALLATION
OF 3D PRINTING LABORATORY EQUIPMENT (FABRICATION LABORATORY)
FOR PHILIPPINE STATE COLLEGE OF AERONAUTICS**

ABC: PhP 5,500,000.00
Bidding Identification No.: PB2022 – Goods -11

**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



Republic of the Philippines
Philippine State College of Aeronautics
Piccio Garden, Villamor, Pasay City

**INVITATION TO BID FOR THE
SUPPLY, DELIVERY AND INSTALLATION
OF 3D PRINTING LABORATORY EQUIPMENT (FABRICATION LABORATORY)
FOR PHILIPPINE STATE COLLEGE OF AERONAUTICS**

1. The Philippine State College of Aeronautics, through the Corporate Budget for the contract approved by the governing Boards intends to apply the sum of **Five Million Five Hundred Thousand Pesos, PhP 5,500,000.00**, being the ABC to payments under the contract for the **Supply, Delivery and Installation of 3D Printing Laboratory Equipment (Fabrication Laboratory) for Philippine State College of Aeronautics/PB2022-Goods-11**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The **Philippine State College of Aeronautics** now invites bids for the above Procurement Project. **Delivery of the Goods is required within One Hundred Sixty (160) days upon receipt of Notice to Proceed**. Bidders should have completed, within **five (5) 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.

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.

4. Prospective Bidders may obtain further information from ***Philippine State College of Aeronautics*** and inspect the Bidding Documents at the address given below during 8:00 AM to 5:00 PM.
5. A complete set of Bidding Documents may be acquired by interested Bidders on *October 31, 2022* from the given address and website(s) below *and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of Six Thousand Pesos, PhP 6,000.00*. The Procuring Entity shall allow the bidder to present its proof of payment for the fees *in person*.
6. The ***Philippine State College of Aeronautics*** will hold a Pre-Bid Conference¹ on ***November 7, 2022 at 10:00 AM at the PhilSCA Multi-Purpose Hall, Ground Floor of Building – B, PhilSCA, Piccio Garden, Villamor, Pasay City*** which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below on or before ***1:20 PM on November 21, 2022***. Online or electronic submission of bids is not permitted. Late bids shall not be accepted.
8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
9. Bid opening shall be on ***November 21, 2022 at 1:30 PM*** at the given address below. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. The ***Philippine State College of Aeronautics*** 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:

NOEL E. LAGUI

Head, BAC Secretariat

PhilSCA, Piccio Garden, Villamor, Pasay City

Contact No. 0928-5244731

philscabac@gmail.com

12. You may visit the following websites:

For downloading of Bidding Documents:

<https://notices.ps-philgeps.gov.ph/>

(You may also request a copy of the Bidding Documents via email.)

October 31, 2022

MR. DARBY P. ESPERANZATE

BAC Chairperson

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, Philippine State College of Aeronautics, wishes to receive Bids for the **Supply, Delivery and Installation of 3D Printing Laboratory Equipment (Fabrication Laboratory) for Philippine State College of Aeronautics**, with identification number *PB2022 – Goods – 11*.

The Procurement Project (referred to herein as “Project”) is composed of one (1) lot, 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 2022 in the amount of *Five Million Five Hundred Thousand Pesos, Php 5,500,000.00, inclusive of all applicable taxes, delivery charge, installation cost, etc.*

2.2. The source of funding is:

a. GOCC and GFIs, the Corporate Operating Budget.

3. Bidding Requirements

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

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

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

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex “I” of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

5. Eligible Bidders

5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.

- 5.2. Foreign ownership limited to those allowed under the rules may participate in this Project.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:
- a. For the procurement of Non-expendable Supplies and Services: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.
 - b. For procurement where the Procuring Entity has determined, after the conduct of market research, that imposition of either (a) or (b) will likely result to failure of bidding or monopoly that will defeat the purpose of public bidding: the Bidder should comply with the following requirements:
 - i. Completed at least two (2) similar contracts, the aggregate amount of which should be equivalent to at least *fifty percent (50%) in the case of non-expendable supplies and services* of the ABC for this Project; and
 - ii. The largest of these similar contracts must be equivalent to at least half of the percentage of the ABC as required above.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

6. Origin of Goods

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

7. Subcontracts

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

The Procuring Entity has prescribed that:

- a. Subcontracting is not allowed.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on **November 7, 2022, 10:00 am at the PhilSCA Multi-Purpose Hall** and either at its physical address as indicated in paragraph 6 of the **ITB**.

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 **five (5) 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:

- a. Philippine Pesos.

14. Bid Security

- 14.1. The Bidder shall submit a Bid Securing Declaration² 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 **120 calendar days from the date of the opening of bids**. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

15. Sealing and Marking of Bids

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

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

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

16. Deadline for Submission of Bids

- 16.1. The Bidders shall submit 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

² In the case of Framework Agreement, the undertaking shall refer to entering into contract with the Procuring Entity and furnishing of the performance security or the performance securing declaration within ten (10) calendar days from receipt of Notice to Execute Framework Agreement.

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

19. Detailed Evaluation and Comparison of Bids

- 19.1. The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated “*passed*,” using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.
- 19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case 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 follows:

Option 1 – One Project having several items that shall be awarded as one contract.

- 19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

20. Post-Qualification

- 20.2. 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

Bid Data Sheet

ITB Clause	
5.3	<p>For this purpose, contracts similar to the Project shall be:</p> <ol style="list-style-type: none"> a. <i>Consummated sales of any 3D printing devices, equipment, parts, paraphernalia, installation, or repair.</i> b. completed within five (5) years prior to the deadline for the submission and receipt of bids,
7.1	Subcontracting is not allowed.
9	Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such request 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.
12	The price of the Goods shall be quoted DDP <i>[state place of destination]</i> or the applicable International Commercial Terms (INCOTERMS) for this Project.
14.1	<p>The bid security shall be in the form of a notarized Bid Securing Declaration, or any of the following forms and amounts:</p> <ol style="list-style-type: none"> a. The amount of not less than Sixty Thousand Pesos, PhP 110,000.00 <i>which is equivalent two percent (2%) of ABC</i>, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or b. The amount of not less than One Hundred Fifty Thousand Pesos, PhP 275,000.00 <i>which is equivalent to five percent (5%) of ABC</i> if bid security is in Surety Bond.
15	Each Bidder shall submit one (1) originally signed certified true copy of the original document and two (2) duplicate copies of the first and second components of its bid. <i>Bidder must arrange each bid documents into sections with tabs properly labeled separating each document according to the provided checklist.</i>
19.3	No further instruction
20.2	<p>The Lowest Calculated Bid shall submit ALL of the following post-qualification requirements:</p> <ol style="list-style-type: none"> 1. Photocopy/ies of Contract/s or Purchase Order/s of one of the following: <ol style="list-style-type: none"> i. A single contract that is similar to the project and whose value must be at least fifty percent (50%) of the ABC to be bid; OR

	<p>2. The corresponding proof of completion, which could either be:</p> <ul style="list-style-type: none"> i. Certificate of Final Acceptance/Completion from the bidder's client/s or ii. Official Receipt/s or Sales Invoice/s of the bidder covering the full amount of the contracts <p>3. Latest Income and Business Tax Returns, filed and paid through the Electronic Filing and Payments System (EFPS), consisting of the following:</p> <ul style="list-style-type: none"> i. Latest Income Tax Return with proof of payment; and VAT Returns (Form 2550M and 2550Q) or Percentage Tax Returns (2551M) with proof of payment within the last six (6) months preceding the date of bid submission <p>Reminders:</p> <ul style="list-style-type: none"> * Failure to submit copies of the Contracts or Purchased Order with proof of completion is a valid ground for disqualification of the bidder ** In case the PhilGEPS Platinum Certificate of Registration is not available during bid submission, it shall be submitted as a post-qualification requirement, in accordance with Section 34.2 of the 2016 Revised IRR of R.A. No. 9184. *** In case the valid Mayor's Permit is not available during bid submission, it shall be submitted after award of contract but before payment in accordance with item 6.2 of GPPB Resolution No. 09-2020. **** In case the notice for the submission of post-qualification documents is sent via the bidder's email, it shall be considered as received by the bidder on the date and time the email was sent, whether or not the bidder acknowledged the said email. It shall be the bidder's responsibility to check its/his/her email for the purpose
21.2	No further instruction.

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 *{[Include if Framework Agreement will be used:] or Framework Agreement}* 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

- 6.1. 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.
- 6.2. The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

6. Liability of the Supplier

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

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

Section V. Special Conditions of Contract

Special Conditions of Contract

GCC Clause	
1	<p>All terms and conditions specified in Section VII (Technical Specifications) of this procurement project shall form part of the Contract.</p> <p>Delivery and Documents –</p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p>“The delivery terms applicable to this Contract are delivered to <i>PhilSCA -VAB Campus</i>. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).</p> <p>For purposes of this Clause the Procuring Entity’s Representative at the Project Site is/are: ENGR. RAYNALDO P. MONGAYA, Program Coordinator-BS Aeronautical Engineering</p> <p>Incidental Services –</p> <p>The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements:</p> <ol style="list-style-type: none"> a. performance or supervision of on-site assembly and/or start-up of the supplied Goods; b. furnishing of tools required for assembly and/or maintenance of the supplied Goods; c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods; d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and

- e. training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

TERMS OF REFERENCE

As of October 2022

I. NAME OF PROJECT

This project will be known as **SUPPLY, DELIVERY AND INSTALLATION OF 3D PRINTING LABORATORY EQUIPMENT (FABRICATION LABORATORY) FOR PHILIPPINE STATE COLLEGE OF AERONAUTICS – INSTITUTE OF ENGINEERING AND TECHNOLOGY.**

II. PROJECT DESCRIPTION

This project will provide students with a state of the art digital fabrication laboratory, where students will be able to plan, design, and fabricate their ideas into working prototype. This project will also benefit students and faculties in bridging the gap in the school's research program. This project will accommodate the following courses:

AERONAUTICAL ENGINEERING COURSE(S)	AIR COURSE(S) TRANSPORTATION
<ul style="list-style-type: none"> AE 214 Aircraft Materials, Construction and Repair AE 212 Basic Electronics COMP 213 Computer Fundamentals and Programming CADD 222 Computer Aided Drafting and Design AE 226 Environmental Science AE 314 Aeronautical Laboratory 1 AE 311 Aerodynamics 1 MECH 314 Statics of Rigid Bodies CADD 312 Computer Aided Drafting and Design II AE 315 Powerplant I MECH 323 Dynamics of Rigid Bodies AE 324 Aeronautical Laboratory II AE 321 Aerodynamics II MECH 324 Mechanics of Deformable Bodies AE 325 Powerplant II TECH 323 Technopreneurship AE 415 Aircraft Structures I AE 416 Aircraft Design I AE 412 Basic Helicopter and Propeller Design AE 411 Aerodynamics III AE 414 Research Methods and Application AE 425 Aircraft Structures II AE 426 Aircraft Design II AE 423 Unmanned Aerial System Design AE 421 Reliability Engineering 	<ul style="list-style-type: none"> GEC 114 Science, Technology, and Society AT 215 Reciprocating Engine AT 221 Gas Turbine Engine <p>AT 311 Fundamentals of Aerodynamics</p>
AE 422 Aircraft Production, Maintenance, Planning and Control	
AIRCRAFT MAINTENANCE TECHNOLOGY COURSE(S)	AVIATION COURSE(S) ELECTRONICS TECHNOLOGY COURSE(S)
<ul style="list-style-type: none"> AMT 1102 Theory of Flight AMT 1103 Aircraft Handtools and Equipments AMT 1104 Aircraft 	<ul style="list-style-type: none"> AVT 1101 Theory of Flight AVT 1102 Handtools GEC 2110 Entrepreneurial Mind AVT 3125 Fundamental of Aerodynamics AVT 4130 Microprocessor AVT 4128 Synchro Servo

<ul style="list-style-type: none"> Powerplant I (Reciprocating Engine) • AMT 1203 Aircraft Propeller • AMT 1206 Aircraft Powerplant II (Turbo Prop & Jet Engine) • AMT 2106 Aircraft Materials Const. and Repair II (Composite) • AMT 3101 Introduction to Rocket Propulsion System • AMT 3102 Engineering Mechanics • AMT 3103 Fundamentals of Aerodynamics • AMT 4101 Aircraft Structures I • AMT 4102 Subsonic/Applied Aerodynamics • AMT 4104 Thesis Writing I • AMT 4201 Aircraft Structures II • AMT 4203 Supersonic Aerodynamics AMT 4205 Thesis Writing II 	<ul style="list-style-type: none"> • GEC 4112 Environmental Science • GEC 4103 Science Technology and Society • AVT 4234 Data Communication • AVT 4235 Wire and Wireless Communication • AVT 4237 Thesis Writing 2 • AVT 2219 Electronics III • AVT 2114 Electronics II AVT 1211 Electronics I
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III. PROJECT REQUIREMENTS

This project will cover **3D PRINTING LABORATORY EQUIPMENT (FABRICATION LABORATORY)** that will be utilized by the Philippine State College of Aeronautics-Institute of Engineering and Technology the declared ender user. Any company/individual who will be recognized, manufacturer or first tier distributor, after the bidding process will be considered the third party and will supply and deliver the said items.

A. 3D Printer Specifications:

1. Print technology 1:

- Fusion Deposition Modeling (FDM) + Composites-capable 3D Printer w/ CC Core (high-strength glass and carbon fiber filament)

Technical Details

- Large build volume : at least 330 x 240 x 300 mm
- Height : not less than 200 mm
- Material Compatibility : Compatible with 316L METAL Material and over 200+ different engineering materials
- Print Head : Dual Extrusion
Print head with a unique auto-nozzle lifting system and swappable print cores
- Print head technology : Print core with dedicated print core type for dedicated materials printing
 - AA Print Core Nozzle type for general use
 - BB Print Core type for dissolvable support
 - CC Print core type for Composites and Abrasive Materials
- Layer Resolution : Compatible with Down to 20 micron (0.001 inch) layer resolution
- Enclosure : Fully enclosed system with UFP filter with Air filter that filters out 99% of UFP particles during printing
- Chamber : An air manager that is able to automatically set and keep build chamber temperature
- Materials Detection : Auto detection of materials thru NFC technology material Input
- Sound Operation level : 50dbA
- Built-in Live Camera capable of viewing build chamber remotely
- Heatup Time : <2mins
- With Glass hinged door enclosure
- Software : CURA
- Print surface : Heated
Borosilicate Glass build plate; Bed ; 20-100C
- Speed and precision : Print speed (Min. 30- Max. 300mm/s); Travel speed (Min. 30- Max. 350mm/s)

- Precision : 12.5/12.5/5 micron
- Nozzle options : 0.25mm / 0.4mm / 0.6mm / 0.8mm Diameter
- (Cloud feature) – Cloud connect with CURA allows printer to be connected to a printer management system that can track the users, print times, print consumption and other statistics
- File types : STL/OBJ/DAE/AMF
- 4.7-inch touchscreen interface – Winner of iF Design Award
- Bowden driven extruder technology
- Leveling : Automatic leveling w/ Capacitive Sensors
- Plugin compatibility : Solidworks, Autodesk, Siemens NX Software
- Connectivity : Wifi, Ethernet, LAN, USB Drive Connectivity
- Open filament system – print with any 2.85 mm material
- Electrical : 100-240VAC; 50-60Hz
- Materials Storage : Includes 6 material storage with pre-feeders which automatically swap between filaments during run outs and ability to condition filaments to optimal quality and acts as a drybox

2. Print technology 2:

- SLA Low Force Stereolithography (LFS) technique (2 units) plus automated post-processing solution

Technical Details

- Build volume : at least 143x143x183mm
- Layer Thickness : ranging from 25-300 microns or 0.001 – 0.012in
- Optics Engine : Light Processing Unit (250mW laser power)
- Fully integrated touchscreen interface
- Automated level sensing resin
- Cartridge sensor ID chip

- Materials : Draft Resin, Standard Resin, Clear Resin, Tough Resin, Elastic Resin, Durable Resin, Flexible Resin, Gray Pro Resin, Rigid Resin, Dental Surgical guide, Dental model resin, Dental clear resins, ceramic resins, biocompatible resins and more
- Software : Preform software
- Connectivity : Wifi, Ethernet, LAN

Accessories

- Scraper
- Pre and Post-rinse tubs
- Rinse Basket
- Squeeze bottle
- Flush cutters
- Tweezers
- Disposable Nitrile Gloves
- PEC*PAD Wipes
- Microfiber cloth
- Removal Tool

3. Print technology 3:

- Selective Laser Sinter (3D Printer SLS laser sintering powder technology for complex prints and end-use parts)

Technical Details

- Laser Type : IR laser diode at least 5W with 808nm
- Large build volume : at least 108mm x 158mm x 220mm
- Print Speed : at least 2.5[mm/h]
- Accuracy : at least 0.05 mm
- With built-in nitrogen chamber – for inert gas control system
- Dimensions : at least 680mm x 490mm x 860mm
- Weight : should not exceed 100kg maximum
- Power Requirements : 220-240V AC, 50/60hz, up to 8A or below

- Power consumption : Should not exceed 2.0 kW
- Includes 22 heating element
- 4-Heating zones for consistent 3D printing experience
- Open powder system – print with third-party materials
- Materials Storage : Includes drybox to properly store powders

4. 3D Scanner

Technical Details

- Multi-functional 3D Scanner
- Capable of both handheld scanning and high-precision fixed scan mode
- Portable & user-friendly design utilizing white light scanning
- Scan Modes:
 - 4 different scan modes:
 - Handheld HD Scan
 - Handheld Rapid Scan
 - Fixed Scan w/ Turntable
 - Fixed Scan w/out Turntable
- Scan Speed : up to 30fps with 1,500,000 points/s
- Single Scan range : not less than 312*204mm
- Working Distance : not less than 510mm
- Single scan area is expanded 1.6 times vs lower models
- Enhances scanning field efficiency even with objects above 1000mm
- Point Distance : 0.2mm-3mm/0.25mm-3mm/0.24mm (based on modes)
- Weight : should not exceed 1.35kg

5. 3D Printer Filament Recycler/Maker

Specification Details

- Performance
 - Supports PLA, ABS, PETG, HIPS, Nylon 12, and more!

- Diameter Tolerance: not less than +/- 0.05mm
- Throughput: 500g/hr max
- Electrical Usage: 90-120W average
- Dimensions: not less than 15" x 14" x 9" - 20 kgs
- Extruder
 - Patented MixFlow™ Technology
 - 300W Heater
 - 1000 oz-in Auger Torque
 - Stainless Thermal Barrier (Insulator)
- Control System
 - Twin Optical Diameter Measurement Sensors
 - Not less than 0.01mm Measurement Precision
 - High Power Cooling Fan
 - Intelligent Diameter Control System
 - Integrated Spooler with Distributed Spooling
- Grinder
 - CNC Machined Steel
 - High Torque 32:1 Gearing System
 - Safety Interlock System
 - Standard 5/16" Hex

6. 3D Filaments Consumables

- 3D filament, Resin, Powder
- 5x UM 2.85mm PLA
- 3x UM 2.85mm Tough PLA
- 2x UM 2.85mm Nylon
- 1x UM 2.85mm CPE
- 1x UM 2.85mm PETG
- 2x UM 2.85mm PC
- 4x UM 2.85mm PVA 350g
- 5x Standard Resin for Resin printer
- 2x SLS 3D Printing powder

B. Project Details and other requirements

1. Other Project Requirements

The project will cover the installation of the equipment such as *electrical wiring, cables and outlets, water supply*

and drain, oil vent and exhaust duct system shall be completed within the project duration requirement.

2. Allocated Budget for the Contract

The allocated budget for this project is **FIVE MILLION FIVE HUNDRED THOUSAND PESOS (5,500,000.00 Php)** inclusive of taxes and other product, delivery and installation expenses.

3. Project Completion Period

Philippine State College of Aeronautics is expecting that the 3D printer technology, 3D printer filaments, and other required ancillaries will be delivered within **160 calendar days** upon receipt of Notice to Proceed (NTP). The project will be declared completed if and only if the 3D printer technology, 3D printer filaments, and other required ancillaries are properly installed and fully functional.

4. Delivery Place

The product is expected to be delivered at Philippine State College of Aeronautics, Piccio Garden, Villamor, Pasay City.

5. Other Inclusive Services

The supplier also delivers the other inclusive packages such as but not limited to the following:

- a. Faculty Training for not less than fourteenth (14) faculty members
- b. Equipment maintenance and calibration for five (5) years
- c. One-year supply of consumables like FILAMENTS
- d. Product manuals and other supplemental manuals
- e. Textbooks or experiment books related to the equipment

6. Warranty

- a. Five-year warranty for the product and other accessories

C. Documentary Requirements

- a. If the bidder is a First Tier Distributor
 - Must be capable to deliver faculty training for faculty members and students, whether inside or outside the school premises. All trainers who will conduct and facilitate the training must be authorized and certified by the manufacturer.
 - Supplier or distributor must be capable of delivering after sales maintenance, service and support.
 - **Authority to sell:** Required to submit Certificate of Distributorship signed by the manufacturer which will signify that the unit shall carry international lifetime support. This is provided by the official distributor in the Philippines
 - **Additional Certifications:** CE, FCC, VPAT, RoHS, REACH, CB, BIS, KC, PSE, RCM, SRRC, MIC, NCC, Safe unattended professional use. ISO-certified facility

2. Post Qualification Parameters

Bidders shall provide a product demo (whether actual or recorded) and brochures showing the conformity in the requirements and specification of the equipment.

3. Requirements if awarded the contract

- a. For the purpose of information on the parts, components, systems, maintenance and operation of the product manuals shall be provided. Publications/Manuals shall be prepared in English language with electronic copies.
- b. Technical Documents and Publication for the purpose of operation, maintenance and troubleshooting of the 3D Printers and its

attendant support requirement will be provided such as but not limited to:

1. Maintenance/Troubleshooting Manual
2. User's Guide Manual

The supplier shall ensure that any discrepancy due to material failure shall be corrected and delivered to the end user at supplier's expense 30 calendar days upon the receipt of Notice of Discrepancy from Philippine State College of Aeronautics.

Prepared by:

ENGR. RAYNALDO P. MONGAYA
Coordinator, Aeronautical Engineering
End User

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

Spare Parts –

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

Select appropriate requirements and delete the rest.

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

	<p>The spare parts and other components required are listed in Section VI (Schedule of Requirements) and the cost thereof are included in the contract price.</p> <p>The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of <i>three times the warranty period</i>.</p> <p>Spare parts or components shall be supplied as promptly as possible, but in any case, within one (1) months of placing the order.</p>
	<p>Packaging –</p> <p>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.</p> <p>The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.</p> <p>The outer packaging must be clearly marked on at least four (4) sides as follows:</p> <p>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</p>
	<p>A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.</p> <p>Transportation –</p>

	<p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.</p> <p>Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.</p>
	<p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.</p> <p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.</p> <p>Intellectual Property Rights –</p> <p>The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.</p>
2.2	<p><i>[If partial payment is allowed, state]</i> “The terms of payment shall be as follows: _____.” NOT APPLICABLE</p>
4	<p>The inspections and tests that will be conducted are: <i>[Indicate the applicable inspections and tests]</i> NOT APPLICABLE</p>

Section VI. Schedule of Requirements

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

Item Number	Description	Approved Budget Cost for the Contract	Total	Delivered, Weeks/Months
1	Print technology 1: <ul style="list-style-type: none"> Fusion Deposition Modeling (FDM) + Composites-capable 3D Printer w/ CC Core (high-strength glass and carbon fiber filament) 	<p style="text-align: center;">PhP 5,500,000.00</p>	2	<p style="text-align: center;">160 calendar days upon receipt of the NTP</p>
2	Print technology 2: <ul style="list-style-type: none"> SLA Low Force Stereolithography (LFS) technique (2 units) plus automated post-processing solution 		2	
3	Print technology 3: <ul style="list-style-type: none"> Selective Laser Sinter (3D Printer SLS laser sintering powder technology for complex prints and end-use parts) 		1	
4	3D Scanner		1	
5	3D Printer Filament Recycler/Maker		1	
6	3D Filaments Consumables			

Note: The above items are procurement through ONE LOT.

I hereby certify to comply and deliver all the above requirements.

Name of Company/Bidder	Signature over Printed Name of Representative	Date
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Section VII. Technical Specifications

Technical Specifications

Instructions:

[Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]

Item	Specification	Statement of Compliance
1 (2 units)	<p>Print technology 1: Fusion Deposition Modeling (FDM) + Composites-capable 3D Printer w/ CC Core (high-strength glass and carbon fiber filament)</p> <p>Technical Details</p> <ul style="list-style-type: none"> • Large build volume : at least 330 x 240 x 300 mm • Height :not less than 200 mm • Material Compatibility : Compatible with 316L METAL Material and over 200+ different engineering materials • Print Head: Dual Extrusion Print head with a unique auto-nozzle lifting system and swappable print cores • Print head technology: Print core with dedicated print core type for dedicated materials printing • AA Print Core Nozzle type for general use • BB Print Core type for dissolvable support • CC Print core type for Composites and Abrasive Materials • Layer Resolution: Compatible with Down to 20 micron (0.001 inch) layer resolution • Enclosure: Fully enclosed system with UFP filter with Air filter that filters out 99% of UFP particles during printing • Chamber: An air manager that is able to automatically set and keep build chamber temperature • Materials Detection: Auto detection of materials thru NFC technology material Input • Sound Operation level: 50dbA 	

	<ul style="list-style-type: none"> • Built-in Live Camera capable of viewing build chamber remotely • Heatup Time: <2mins • With Glass hinged door enclosure • Software: CURA • Print surface: Heated Borosilicate Glass build plate; Bed ; 20-100C • Speed and precision: Print speed (Min. 30- Max. 300mm/s); Travel speed (Min. 30- Max. 350mm/s) • Precision: 12.5/12.5/5 micron • Nozzle options: 0.25mm / 0.4mm / 0.6mm / 0.8mm Diameter • (Cloud feature) – Cloud connect with CURA allows printer to be connected to a printer management system that can track the users, print times, print consumption and other statistics • File types: STL/OBJ/DAE/AMF • 4.7-inch touchscreen interface – Winner of iF Design Award • Bowden driven extruder technology • Leveling: Automatic leveling w/ Capacitive Sensors • Plugin compatibility: Solidworks, Autodesk, Siemens NX Software • Connectivity: Wifi, Ethernet, LAN, USB Drive Connectivity • Open filament system – print with any 2.85 mm material • Electrical: 100-240VAC; 50-60Hz • Materials Storage : Includes 6 material storage with pre-feeders which automatically swap between filaments during run outs and ability to condition filaments to optimal quality and acts as a drybox 	
2. (2 units)	<p>Print technology 2:</p> <ul style="list-style-type: none"> • SLA Low Force Stereolithography (LFS) technique (2 units) plus automated post-processing solution <p>Technical Details</p> <ul style="list-style-type: none"> • Build volume : at least 143x143x183mm • Layer Thickness : ranging from 25-300 microns or 0.001 – 0.012in • Optics Engine: Light Processing Unit (250mW laser power) • Fully integrated touchscreen interface • Automated level sensing resin • Cartridge sensor ID chip • Materials : Draft Resin, Standard Resin, Clear Resin, Tough Resin, Elastic Resin, Durable Resin, Flexible Resin, Gray Pro Resin, Rigid Resin, Dental Surgical guide, Dental model resin, Dental clear resins, ceramic resins, biocompatible resins and more 	

	<ul style="list-style-type: none"> • Software : Preform software • Connectivity : Wifi, Ethernet, LAN <p>Accessories</p> <ul style="list-style-type: none"> • Scraper • Pre and Post-rinse tubs • Rinse Basket • Squeeze bottle • Flush cutters • Tweezers • Disposable Nitrile Gloves • PEC*PAD Wipes • Microfiber cloth • Removal Tool 	
3. (1 unit)	<p>Print technology 3:</p> <ul style="list-style-type: none"> • Selective Laser Sinter (3D Printer SLS laser sintering powder technology for complex prints and end-use parts) <p>Technical Details</p> <ul style="list-style-type: none"> • Laser Type: IR laser diode at least 5W with 808nm • Large build volume: at least 108mm x 158mm x 220mm • Print Speed: at least 2.5[mm/h] • Accuracy : at least 0.05 mm • With built-in nitrogen chamber – for inert gas control system • Dimensions : at least 680mm x 490mm x 860mm • Weight : should not exceed 100kg maximum • Power Requirements : 220-240V AC, 50/60hz, up to 8A or below • Power consumption : Should not exceed 2.0 kW • Includes 22 heating element • 4-Heating zones for consistent 3D printing experience • Open powder system – print with third-party materials • Materials Storage: Includes drybox to properly store powders 	
4. (1 unit)	<p>3D Scanner</p> <p>Technical Details</p> <ul style="list-style-type: none"> • Multi-functional 3D Scanner • Capable of both handheld scanning and high-precision fixed scan mode • Portable & user-friendly design utilizing white light scanning 	

	<ul style="list-style-type: none"> • Scan Modes: <ul style="list-style-type: none"> ○ 4 different scan modes: ○ Handheld HD Scan ○ Handheld Rapid Scan ○ Fixed Scan w/ Turntable ○ Fixed Scan w/out Turntable • Scan Speed: up to 30fps with 1,500,000 points/s • Single Scan range : not less than 312*204mm • Working Distance : not less than 510mm • Single scan area is expanded 1.6 times vs lower models • Enhances scanning field efficiency even with objects above 1000mm • Point Distance: 0.2mm-3mm/0.25mm-3mm/0.24mm (based on modes) • Weight : should not exceed 1.35kg 	
5.(1 unit)	<p>3D Printer Filament Recycler/Maker</p> <p>Specification Details</p> <ul style="list-style-type: none"> • Performance <ul style="list-style-type: none"> ▪ Supports PLA, ABS, PETG, HIPS, Nylon 12, and more! ▪ Diameter Tolerance: not less than +/- 0.05mm ▪ Throughput: 500g/hr max ▪ Electrical Usage: 90-120W average ▪ Dimensions: not less than 15" x 14" x 9" - 20 kgs • Extruder <ul style="list-style-type: none"> ▪ Patented MixFlow™ Technology ▪ 300W Heater ▪ 1000 oz-in Auger Torque ▪ Stainless Thermal Barrier (Insulator) • Control System <ul style="list-style-type: none"> ▪ Twin Optical Diameter Measurement Sensors ▪ Not less than 0.01mm Measurement Precision ▪ High Power Cooling Fan ▪ Intelligent Diameter Control System ▪ Integrated Spooler with Distributed Spooling • Grinder <ul style="list-style-type: none"> ▪ CNC Machined Steel ▪ High Torque 32:1 Gearing System ▪ Safety Interlock System ▪ Standard 5/16" Hex 	
6.	<p>3D Filaments Consumables</p> <ul style="list-style-type: none"> ▪ 3D filament, Resin, Powder ▪ 5x UM 2.85mm PLA ▪ 3x UM 2.85mm Tough PLA ▪ 2x UM 2.85mm Nylon ▪ 1x UM 2.85mm CPE 	

	<ul style="list-style-type: none"> ▪ 1x UM 2.85mm PETG ▪ 2x UM 2.85mm PC ▪ 4x UM 2.85mm PVA 350g ▪ 5x Standard Resin for Resin printer ▪ 2x SLS 3D Printing powder 	
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Other Requirements:

<p>1. Other Project Requirements The project will cover the installation of the equipment such as <i>electrical wiring, cables and outlets, water supply and drain, oil vent and exhaust duct system</i> shall be completed within the project duration requirement.</p>	
<p>2. The supplier also delivers the other inclusive packages such as but not limited to the following:</p> <ul style="list-style-type: none"> a. Faculty Training for not less than fourteenth (14) faculty members b. Equipment maintenance and calibration for five (5) years c. One-year supply of consumables like FILAMENTS d. Product manuals and other supplemental manuals e. Textbooks or experiment books related to the equipment 	
<p>3. Warranty Five-year warranty for the product and other accessories</p>	
<p>4. If the bidder is a First Tier Distributor</p> <ul style="list-style-type: none"> • Must be capable to deliver faculty training for faculty members and students, whether inside or outside the school premises. All trainers who will conduct and facilitate the training must be authorized and certified by the manufacturer. • Supplier or distributor must be capable of delivering after sales maintenance, service and support. • Authority to sell: Required to submit Certificate of Distributorship signed by the manufacturer which will signify that the unit shall carry international lifetime support. This is provided by the official distributor in the Philippines • Additional Certifications: CE, FCC, VPAT, RoHS, REACH, CB, BIS, KC, PSE, RCM, SRRC, MIC, NCC, Safe unattended professional use. ISO-certified facility 	

<p>5. Post Qualification Parameters</p> <p>Bidders shall provide a product demo (whether actual or recorded) and brochures showing the conformity in the requirements and specification of the equipment.</p>	
<p>6. Requirements if awarded the contract</p> <p>a. For the purpose of information on the parts, components, systems, maintenance and operation of the product manuals shall be provided. Publications/Manuals shall be prepared in English language with electronic copies.</p> <p>b. Technical Documents and Publication for the purpose of operation, maintenance and troubleshooting of the 3D Printers and its attendant support requirement will be provided such as but not limited to:</p> <p>3. Maintenance/Troubleshooting Manual</p> <p>4. User's Guide Manual</p>	

I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct otherwise, if found to be false either during bid evaluation, post-qualification or the execution of the contract, the same shall give rise to the imposition of administrative sanctions and the forfeiture of bid security or the performance security posted consistent with section 69.1 and 69.2 of the revised Implementing Rules and Regulations of the Republic Act No. 9184.

Name of Company

Signature over Printed Name of the
authorized representative

Date

Section VIII. Checklist of Technical and Financial Documents

Notes on the Checklist of Technical and Financial Documents

The prescribed documents in the checklist are mandatory to be submitted in the Bid, but shall be subject to the following:

- a. GPPB Resolution No. 09-2020 on the efficient procurement measures during a State of Calamity or other similar issuances that shall allow the use of alternate documents in lieu of the mandated requirements; or
- b. Any subsequent GPPB issuances adjusting the documentary requirements after the effectivity of the adoption of the PBDs.

The BAC shall be checking the submitted documents of each Bidder against this checklist to ascertain if they are all present, using a non-discretionary “pass/fail” criterion pursuant to Section 30 of the 2016 revised IRR of RA No. 9184.

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class “A” Documents

Legal Documents

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

Technical Documents

- ☐ (e) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- ☐ (f) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; **and**
- ☐ (g) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
or
Original copy of Notarized Bid Securing Declaration; **and**
- ☐ (h) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; **and**
- ☐ (i) Original duly signed Omnibus Sworn Statement (OSS);
and if applicable, Original Notarized Secretary’s Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

- ☐ (j) The Supplier’s audited financial statements, showing, among others, the Supplier’s total and current assets and liabilities, stamped “received” by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; **and**

- ☐ (k) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC);
or
A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

Class "B" Documents

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

Other requirements:

- Copy Bid Bulletin/s Issued
- Copy of Official Receipt for the purchase of the Bidding Documents
- *Flash drive* containing scanned copies of submitted documents for the eligibility, technical and financial documents.

II. FINANCIAL COMPONENT ENVELOPE

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

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

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

Section IX. Required Forms

APPENDIX “1”

Bid Form for the Procurement of Goods

BID FORM

Date : _____
Project Identification No. : _____

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

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

If our Bid is accepted, we undertake:

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

[Insert this paragraph if Foreign-Assisted Project with the Development Partner:
Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address Amount and Purpose of
agentCurrencyCommission or gratuity

(if none, state "None") /

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

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

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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: _____

For Goods Offered From Within the Philippines

Name of Bidder _____. Invitation to Bid³ Number _____. Page ____.

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price EXW per item	Transportation 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)

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign Bid for and on behalf of _____

³ If ADB, JICA and WB funded projects, use IFB.

Statement of Single Largest Completed Contract which is similar in nature

Business Name : _____

Business Address : _____

**End User's
Acceptance**

Name of Contract Date of	Contract Kinds of Good	Amount of Contract Date of	Delivery or Official Receipt(s)	Issued for <u>the</u> <u>Contract</u>
---	---------------------------------------	---	--	--

Submitted by : _____
(Printed Name and Signature)

Designation : _____

Date : _____

Instructions:

- a) State the single largest completed contract (government or private) within two (2) years prior to bid opening.

List of all Ongoing Government & Private Contracts including Contracts awarded but not yet started

Business Name : _____

Business Address : _____

	Amount of
Name of Contract	
Date of Contract	
	<u>Government</u>
	Kinds of Good
	Contract/Value of
	Outstanding <u>Contract</u>
	Date of Delivery
<u>Private</u>	

Submitted by : _____
(Printed Name and Signature)

Designation : _____

Date : _____

Instructions:

- a) State all ongoing contracts including those awarded but not yet started (government and private contracts which may be similar or not similar to the project being bid). b) If there is no on-going contract including awarded but not yet started as of the aforementioned period, state none or equivalent term.
- c) The total amount of the on-going and awarded but not yet started contracts should be consistent with those used in the Net Financial Contracting Capacity (NFCC).

Bid Securing Declaration Form

REPUBLIC OF THE PHILIPPINES)
CITY OF _____) S.S.

BID SECURING DECLARATION

Project Identification No.: [Insert number]

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

I/We, the undersigned, declare that:

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

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

[Insert NAME OF BIDDER OR ITS AUTHORIZED
REPRESENTATIVE]

[Insert signatory's legal capacity]
Affiant

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

NFCC COMPUTATION FORMAT

- a. Summary of the Applicant Supplier's/Distributor's/Manufacturer's assets and liabilities on the basis of the attached income tax return and audited financial statement, stamped "RECEIVED" by the Bureau of Internal Revenue or BIR authorized collecting agent, for the immediately preceding year and a certified copy of Schedule of Fixed Assets particularly the list of construction equipment.

YEAR 20_____

- A Total Assets
B Current Assets
C Total Liabilities
D Current Liabilities
E Net Worth (A-C)
F Net Working Capital (B-D)

- b. The Net Financial Contracting Capacity (NFCC) based on the above data is computed as follows:

NFCC = K (current asset – current liabilities) minus value of all outstanding works under ongoing contracts including awarded contracts yet to be started

NFCC = P_____

K = 15

Herewith attached are certified true copies of the income tax return and audited financial statement: stamped "RECEIVED" by the BIR or BIR authorized collecting agent for the immediately preceding year.

Submitted by:

Name of Supplier/Distributor/Manufacturer Signature
of Authorized Representative

Date : _____

Note: If partnership or Joint Venture, each partner or member firm of Joint Venture shall submit the above requirements.

Omnibus Sworn Statement (Revised)

[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

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

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

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

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

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

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

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

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

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

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

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

[If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

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

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

7. *[Name of Bidder]* complies with existing labor laws and standards; and
8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
- a. Carefully examining all of the Bidding Documents;
 - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
 - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*
- .
9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with**

unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.

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

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[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

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

Performance Securing Declaration (Revised)

[if used as an alternative performance security but it is not required to be submitted with the Bid, as it shall be submitted within ten (10) days after receiving the Notice of Award]

REPUBLIC OF THE PHILIPPINES)
CITY OF _____) S.S.

PERFORMANCE SECURING DECLARATION

Invitation to Bid: [Insert Reference Number indicated in the Bidding Documents]

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

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, to guarantee the faithful performance by the supplier/distributor/manufacturer/contractor/consultant of its obligations under the Contract, I/we shall submit a Performance Securing Declaration within a maximum period of ten (10) calendar days from the receipt of the Notice of Award prior to the signing of the Contract.
2. I/We accept that: I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of one (1) year for the first offense, or two (2) years **for the second offense**, upon receipt of your Blacklisting Order if I/We have violated my/our obligations under the Contract;
3. I/We understand that this Performance Securing Declaration shall cease to be valid upon:
 - a. issuance by the Procuring Entity of the Certificate of Final Acceptance, subject to the following conditions:
 - i. Procuring Entity has no claims filed against the contract awardee;
 - ii. It has no claims for labor and materials filed against the contractor; and
 - iii. Other terms of the contract; or
 - b. replacement by the winning bidder of the submitted PSD with a performance security in any of the prescribed forms under Section 39.2 of the 2016 revised IRR of RA No. 9184 as required by the end-user.

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

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

[Insert signatory's legal capacity]

Affiant

[Jurat]

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

