



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
EASTERN SAMAR
DISTRICT ENGINEERING OFFICE
REGIONAL OFFICE VIII
Borongan City, Eastern Samar

BIDDING DOCUMENTS

FOR

24GIB0054

**Procurement of Engineering Design Software/Hardware
Acquisition for Eastern Samar District Engineering Office**

Dec. 12, 2024 @ 09:00 a.m.
Date of Opening of Bid

Preface

These Philippine Bidding Documents (PBDs) for the procurement of Goods through Competitive Bidding have been prepared by the Government of the Philippines for use by any branch, constitutional commission or office, agency, department, bureau, office, or instrumentality of the Government of the Philippines, National Government Agencies, including Government-Owned and/or Controlled Corporations, Government Financing Institutions, State Universities and Colleges, and Local Government Unit. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the Government of the Philippines or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184.

The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract or Framework Agreement, as the case may be; (ii) the eligibility requirements of Bidders; (iii) the expected contract or Framework Agreement duration, the estimated quantity in the case of procurement of goods, delivery schedule and/or time frame; and (iv) the obligations, duties, and/or functions of the winning bidder.

Care should be taken to check the relevance of the provisions of the PBDs against the requirements of the specific Goods to be procured. If duplication of a subject is inevitable in other sections of the document prepared by the Procuring Entity, care must be exercised to avoid contradictions between clauses dealing with the same matter.

Moreover, each section is prepared with notes intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They shall not be included in the final documents. The following general directions should be observed when using the documents:

- a. All the documents listed in the Table of Contents are normally required for the procurement of Goods. However, they should be adapted as necessary to the circumstances of the particular Procurement Project.
- b. Specific details, such as the “*name of the Procuring Entity*” and “*address for bid submission*,” should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- c. This Preface and the footnotes or notes in italics included in the Invitation to Bid, Bid Data Sheet, General Conditions of Contract, Special Conditions of Contract, Schedule of Requirements, and Specifications are not part of the text of the final document, although they contain instructions that the Procuring Entity should strictly follow.
- d. The cover should be modified as required to identify the Bidding Documents as to the Procurement Project, Project Identification Number, and Procuring Entity, in addition to the date of issue.

- e. Modifications for specific Procurement Project details should be provided in the Special Conditions of Contract as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the Bid Data Sheet or Special Conditions of Contract, these terms shall be printed in bold typeface on Sections I (Instructions to Bidders) and III (General Conditions of Contract), respectively.
- f. For guidelines on the use of Bidding Forms and the procurement of Foreign-Assisted Projects, these will be covered by a separate issuance of the Government Procurement Policy Board.

Table of Contents

Glossary of Acronyms, Terms, and AbbreviationsError! Bookmark not defined.
Section I. Invitation to Bid	8
Section II. Instructions to Bidders	0
1. Scope of Bid	121
2. Funding Information	121
3. Bidding Requirements	121
4. Corrupt, Fraudulent, Collusive, and Coercive Practices	121
5. Eligible Bidders	122
6. Origin of Goods	132
7. Subcontracts	132
8. Pre-Bid Conference	143
9. Clarification and Amendment of Bidding Documents	143
10. Documents comprising the Bid: Eligibility and Technical Components	143
11. Documents comprising the Bid: Financial Component	144
12. Bid Prices	154
13. Bid and Payment Currencies	155
14. Bid Security	165
15. Sealing and Marking of Bids	165
16. Deadline for Submission of Bids	166
17. Opening and Preliminary Examination of Bids	166
18. Domestic Preference	166

19.	Detailed Evaluation and Comparison of Bids	176
20.	Post-Qualification	16
21.	Signing of the Contract	16
Section III. Bid Data Sheet		18
Section IV. General Conditions of Contract		19
1.	Scope of Contract	20
2.	Advance Payment and Terms of Payment	20
3.	Performance Security	20
4.	Inspection and Tests	220
5.	Warranty	231
6.	Liability of the Supplier	231
Section V.	Special Conditions of Contract	242
Section VI. Schedule of Requirements		31
Section VII. Technical Specifications		34
Section VIII. Checklist of Technical and Financial Documents		636

Glossary of Acronyms, Terms, and Abbreviation

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

Notes on the Invitation to Bid

The Invitation to Bid (IB) provides information that enables potential Bidders to decide whether to participate in the procurement at hand. The IB shall be posted in accordance with Section 21.2 of the 2016 revised IRR of RA No. 9184.

Apart from the essential items listed in the Bidding Documents, the IB should also indicate the following:

- a. The date of availability of the Bidding Documents, which shall be from the time the IB is first advertised/posted until the deadline for the submission and receipt of bids;
- b. The place where the Bidding Documents may be acquired or the website where it may be downloaded;
- c. The deadline for the submission and receipt of bids; and
- d. Any important bid evaluation criteria (*e.g.*, the application of a margin of preference in bid evaluation).

The IB should be incorporated in the Bidding Documents. The information contained in the IB must conform to the Bidding Documents and in particular to the relevant information in the Bid Data Sheet.



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
EASTERN SAMAR DISTRICT ENGINEERING
OFFICE
Borongan City, Eastern Samar, Region VIII



INVITATION TO BID

The Department of Public Works and Highways Eastern Samar District Engineering Office, Brgy. Alang-alang, Borongan City, Eastern Samar, through its Bids and Awards Committee (BAC), invites suppliers to submit bids for the following Contract:

Contract No.: 24GIB0054

Contract Name: Procurement of Engineering Design Software/Hardware Acquisition for Eastern Samar District Engineering Office

Contract Location: Eastern Samar District Engineering Office

Brief Description of Goods to be procured: Engineering Design Software/Hardware

Approved Budget for the Contract (ABC): Php 8,665,000.00

Source of Funds: EAO

Delivery Date of Goods/Contract Duration of Service: Sixty (60) calendar days

The BAC is conducting the public bidding for this Contract in accordance with RA 9184 and its Implementing Rules and Regulations.

Bidders should have completed, within 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 IV. Instructions to Bidders.

To be eligible to bid for this Contract, a supplier must meet the following major requirements:

- (a) Registration certificate from SEC, Department of Trade and Industry (DTI) for sole proprietorship, or CDA for cooperatives;
- (b) Mayor's/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;
- (c) Tax clearance per Executive Order 398, Series of 2005, as finally reviewed and approved by the BIR;
- (d) Filipino citizen or 60% Filipino-owned partnership/corporation;
- (e) Completion of a similar contract costing at least 50% of the ABC within the last one (1) year; and
- (f) Net Financial Contracting Capacity (NFCC) at least equal to the ABC.

The DPWH will use non-discretionary "pass/fail" criteria in the eligibility check, preliminary examination of bids, evaluation of bids, post-qualification, and award.

The schedule of key procurement activities for this Contract is shown below:

Activities	Schedule
Issuance/Downloading of Bidding Documents	Nov. 22 – Dec. 12, 2024 @ Hard copies at BAC Secretariat, BAC Office, DPWH, Eastern Samar District Engineering Office Brgy. Alang-Alang Borongan City Eastern Samar Downloadable from DPWH website www.dpwh.gov.ph , PhilGEPs website www.philgeps.gov.ph ,
Issuance of Bidding Documents	Nov. 22 – Dec. 12, 2024 at DPWH Eastern Samar District Engineering Office, Brgy. Alang-Alang Borongan City Eastern Samar
Pre-Bid Conference	Nov. 29, 2024 @ 10:00 A.M. at DPWH Eastern Samar District Engineering Office Brgy. Alang-Alang Borongan City Eastern Samar

Website: www.dpwh.gov.ph
Tel. No(s).: (055) 560-2602/ (055) 560-2502



Submission and Receipt of Bids	Dec. 12, 2024 until 8:59 A.M. at DPWH Eastern Samar District Engineering Office Brgy. Alang-Alang Borongan City Eastern Samar
Opening of Bids	Dec. 12, 2024 @ 09:00 A.M. at DPWH Eastern Samar District Engineering Office Brgy. Alang-Alang Borongan City Eastern Samar

Bidders shall pay the BAC an applicable fee in the amount of **Php 10,000.00** for the Bidding Documents, upon securing hard copies of the Documents. Bidders that downloaded the Documents from the DPWH website shall pay the fee upon submission of their bids. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in Instruction to Bidders.

The Department of Public Works and Highways Eastern Samar District Engineering Office, Brgy. Alang-alang, Borongan City, Eastern Samar, reserves the right to accept or reject any bid and to annul the bidding process any time before the Contract award, without incurring any liability to the affected bidders

Any requests for additional information concerning this bidding shall be directed to the following:

BAC Chairman: **ARTURO C. APURA**
BAC Office, Department of Public Works
and Highways,
Brgy. Alang-Alang Borongan City Eastern Samar
Telephone No. (055) 560-9423
Email address: _____

BAC Secretariat Head: **MARLON B. KUIZON**
BAC Office, Department of Public Works
and Highways,
Brgy. Alang-Alang Borongan City Eastern Samar
Telephone No. (055) 560-9423
Email address: _____

Dates of Publication: Nov. 22 - 28, 2024
Newspaper: N/A

Approved by:

Approved for Posting:

SGD.
ARTURO C. APURA
(BAC – Chairman)

SGD.
JAYSON G. ESPESO
PIO, Designated/Engineer II

RO8.17 MBK/ACA

Section II. Instruction to Bidders

Notes on the Instructions to Bidders

This Section on the Instruction to Bidders (ITB) provides the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Entity. It also provides information on bid submission, eligibility check, opening and evaluation of bids, post-qualification, and on the award of contract.

1. Scope of Bid

The Procuring Entity, **DPWH Eastern Samar District Engineering Office** wishes to receive Bids for the ***Procurement of Engineering Design Software/Hardware Acquisition for Eastern Samar District Engineering Office. Contract ID No. 24GIB0054***

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 ***EAO 2024*** in the amount of ***Eight Million Six Hundred Sixty-Five Thousand Pesos (8,665,000.00)***.

2.2. The source of funding is:

a. **NGA, the General Appropriations Act or Special Appropriations.**

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. a. Foreign ownership exceeding those allowed under the rules may participate pursuant to:
- i. 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;
 - ii. 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:
- 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 within the last One (1) year;**
 - b. For the procurement of Expendable Supplies: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least twenty-five percent (25%) of the ABC.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

6. Origin of Goods

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

7. Subcontracts

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

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

8. Pre-Bid Conference

The Procuring Entity will hold a **pre-bid conference** for this Project on **Nov. 29, 2024; 10:00 A.M.** at **Conference Hall, DPWH Eastern Samar District Engineering Office, Brgy Alang-alang, Borongan City, Eastern Samar** 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 *[state relevant period as provided in paragraph 2 of the **IB**]* 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 Declaration¹ 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 _____ or ninety (90) calendar days from date of opening. 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.

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.

¹ 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.

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:

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

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

21. Signing of the Contract

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

Section III. Bid Data Sheet

Notes on the Bid Data Sheet

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

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

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

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

Bid Data Sheet

ITB Clause	
5.3	<p>For this purpose, contracts similar to the Project shall be:</p> <ol style="list-style-type: none"> a. <i>[provide the definition or description of similar contracts]</i>. b. completed within the last one (1) year prior to the deadline for the submission and receipt of bids.
12	<p>The price of the Goods shall be quoted DDP <i>DPWH Eastern Samar District Engineering Office, Brgy. Alang-Alang Borongan City Eastern Samar</i> or the applicable International Commercial Terms (INCOTERMS) for this Project.</p>
14.1	<p>The bid security shall be in the form of a 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 _____ <i>[Indicate the amount equivalent to 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 _____ <i>[Indicate the amount equivalent to five percent (5%) of ABC]</i> if bid security is in Surety Bond.
19.3	<p>Bidders shall submit a proposal on all items and evaluation and contract award will be undertaken on a lump sum basis.</p> <p><i>AWARD IS ON A LUMP SUM BASIS.</i></p>
20.2	Not Applicable
21.2	<p>Note:</p> <ol style="list-style-type: none"> 1. All transportation chargers including those incurred by the Department in returning the damaged product/s, must be borne by the supplier, and must be replaced with the same item within (15) working days from receipts of information/notification of the damages noted. 2. Supplier must have completed a similar contract costing at least 50 % of the ABC within the last one (1) year. 3. Delivery Point: DPWH Eastern Samar District Engineering Office, Borongan Samar. 4. Delivery period should be within fifteen (15) calendar days upon receipts of approved Notice to Proceed (NTP).

- | | |
|--|--|
| | <ol style="list-style-type: none">5. Prospective Bidders must submit a duly notarized certification confirming required qualification such as 20 years of experience in supply, delivery and selling of various materials such as Thermoplastic Paints, Reflectorized Traffic Paints, Quick Dry Enamel Paints, Latex Paints, Various Asphalt Materials, Road Signs and Traffic Signages, Construction tools and Guardrails and Bolts.6. Bidders shall submit as integral part in their Technical Proposal, Product Brochures, Price List and Manufacturer's Certificate or Mill Certificate for the following items:<ol style="list-style-type: none">1. Thermoplastic Paints2. Reflectorized Traffic Paints3. Quick Dry Enamel Paints4. Latex Paints5. Various Asphalt Materials6. Road Signs and Traffic Signages7. Construction tools (Plate Compactor & Concrete Saw)8. Guardrails and Bolts |
|--|--|

Section IV. General Conditions of Contract

Notes on the General Conditions of Contract

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

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

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

1. Scope of Contract

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

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

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

2. Advance Payment and Terms of Payment

- 2.1. Advance payment of the contract amount is provided under Annex “D” of the revised 2016 IRR of RA No. 9184.
- 2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

3. Performance Security

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

4. Inspection and Tests

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project *{[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

Notes on the Special Conditions of Contract

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

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

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

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

Special Conditions of Contract

GCC Clause	
1.1(g)	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.
1.1(i)	The Supplier is <i>[to be inserted at the time of contract award]</i> .
1.1(j)	The Funding Source is <i>[EAO 2024]</i> .
1.1(k)	The Project Site is <i>[DPWH-ESDEO, Brgy. Alang-alang Borongan City, Eastern Samar For multiple sites state "The Project sites are defined in Section VI. Schedule of Requirements"]</i>
2	Partial Payment is not allowed.
4	The inspections and tests that will be conducted are: Regular inspection during delivery of goods.
5.1	<p>The Procuring Entity's address for Notices is: <i>[DPWH-ESDEO, Brgy. Alang-alang Borongan City, Eastern Samar]</i></p> <p>The Supplier's address for Notices is: <i>[DPWH-ESDEO, Brgy. Alang-alang Borongan City, Eastern Samar]</i></p>
6.2	<p><i>List here any additional requirements for the completion of this Contract. The following requirements and the corresponding provisions may be deleted, amended, or retained depending on its applicability to this Contract:</i></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><i>For Goods Supplied from Abroad, state "The delivery terms applicable to the Contract are DDP delivered [DPWH-ESDEO, Brgy. Alang-alang Borongan City, Eastern Samar]. In accordance with INCOTERMS."</i></p> <p><i>For Goods Supplied from Within the Philippines, state "The delivery terms applicable to this Contract are delivered [DPWH-ESDEO, Brgy. Alang-alang Borongan City, Eastern Samar]. Risk and title will pass from</i></p>

	<p>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. The details of shipping and/or other documents to be furnished by the Supplier are as follows:</p>
--	---

	<p><i>For Goods supplied from within the Philippines:</i></p> <p>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:</p> <ul style="list-style-type: none"> (i) Original and four copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount; (ii) Original and four copies delivery receipt/note, railway receipt, or truck receipt; (iii) Original Supplier's factory inspection report; (iv) Original and four copies of the Manufacturer's and/or Supplier's warranty certificate; (v) Original and four copies of the certificate of origin (for imported Goods); (vi) Delivery receipt detailing number and description of items received signed by the authorized receiving personnel; (vii) Certificate of Acceptance/Inspection Report signed by the Procuring Entity's representative at the Project Site; and (viii) Four copies of the Invoice Receipt for Property signed by the Procuring Entity's representative at the Project Site. <p><i>For Goods supplied from abroad:</i></p> <p>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:</p> <ul style="list-style-type: none"> (i) Original and four copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount; (ii) Original and four copies of the negotiable, clean shipped on-board bill of lading marked "freight pre-paid" and five copies of the non-negotiable bill of lading; (iii) Original Supplier's factory inspection report; (iv) Original and four copies of the Manufacturer's and/or Supplier's warranty certificate; (v) Original and four copies of the certificate of origin (for imported Goods); (vi) Delivery receipt detailing number and description of items
--	--

	<p>received signed by the Procuring Entity's representative at the Project Site;</p> <p>(vii) Certificate of Acceptance/Inspection Report signed by the Procuring Entity's representative at the Project Site; and</p> <p>(viii) Four copies of the Invoice Receipt for Property signed by the Procuring Entity's representative at the Project Site.</p> <p>For purposes of this Clause the Procuring Entity's Representative at the Project Site is <i>[DOMCELIO M. NATIVIDAD District Engineer, DPWH-ESDEO, Brgy. Alang-alang Borongan City, Eastern Samar].</i></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> <p><i>Select appropriate requirements and delete the rest.</i></p> <ul style="list-style-type: none"> (a) performance or supervision of on-site assembly and/or start-up of the supplied Goods; (b) furnishing of tools required for assembly and/or maintenance of the supplied Goods; (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods; (d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and (e) training of the 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. <p>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.</p> <p>Spare Parts –</p> <p>The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:</p> <p><i>Select appropriate requirements and delete the rest.</i></p>
--	---

	(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;
--	---

	<p>and</p> <p>(b) in the event of termination of production of the spare parts:</p> <p>i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and</p> <p>ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.</p> <p>The spare parts 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 spares for the Goods for a period of <i>[insert here the time period specified. If not used insert time period of three times the warranty period]</i>.</p> <p>Other spare parts and components shall be supplied as promptly as possible, but in any case within <i>[insert appropriate time period]</i> 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</p> <p>Name of the Supplier</p> <p>Contract Description Final Destination</p>
--	--

	<p>Gross weight</p> <p>Any special lifting instructions</p> <p>Any special handling instructions</p> <p>Any relevant HAZCHEM classifications</p> <p>A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.</p> <p>Insurance –</p> <p>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.</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 <i>force majeure</i> in accordance with GCC Clause 22.</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</p>
--	--

	<p>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>Patent 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>
10.4	<p><i>Maintain the GCC Clause and state here “Not applicable” or if procurement involves a foreign-denominated bid, state “Payment shall be made in [Philippine Peso].</i></p>
13.4(c)	<p><i>Specify additional conditions, if any, that must be met prior to the release of the performance security, otherwise, state “No further instructions”.</i></p>
16.1	<p>The inspections and tests that will be conducted are:</p>
17.3	<p><i>If the Goods pertain to Expendable Supplies: Three (3) months after acceptance by the Procuring Entity of the delivered Goods or after the Goods are consumed, whichever is earlier.</i></p> <p><i>If the Goods pertain to Non-expendable Supplies: One (1) year after acceptance by the Procuring Entity of the delivered Goods.</i></p>
17.4	<p>The period for correction of defects in the warranty period is <i>[30 days]</i>.</p>
21.1	<p><i>State here “No additional provision.” or, if the Supplier is a joint venture, “All partners to the joint venture shall be jointly and severally liable to the Procuring Entity.”</i></p>

VI. Schedule of Requirements

The delivery schedule expressed as days stipulates hereafter a delivery date which is the date of delivery to DPWH Eastern Samar District Engineering Office, Brgy. Alang-alang, Borongan City, Eastern Samar. Supply shall be completed within **Sixty (60) calendar days** from receipt by the winning bidder of the Notice to Proceed.

Item Number	Description	Quantity	Total	Delivered, Weeks/Months
1	Computer-Aided Design and Drafting (CADD)	2 pcs		Within Sixty (60) calendar days upon receipt of Purchase Order (PO)
	Software Licensing Model: Subscription-based			
	License Access Management: Single-user			
	Supported Operating System: Must operate in the current DPWH			
	Infrastructure operating system or a lower version			
	(i.e. Windows 10, 11)			
	Subscription: One (1) year minimum			
	Interoperability and Compatibility (preferable):			
	- with other CAD Software			
	- with other GIS or Mapping applications/software			
	Functionalities:			
	a. <u>Modeling/Drafting</u>			
	* 2D & 3D			
	* Solids			
	* Mesh			
	* Standard Drawings (e.e. title block, templates, etc.)			
	b. <u>Visualization (preferable)</u>			
	* Rendering			
	* Animation			
	* Display (3D Views, Section Views, Section Planes, Camera View)			
	* Visual Style and Text Settings			
	(Colors, Size/Weight, Scale, Dimension, Layer)			
	File Output:			
	* CAD (e.g. DXF, .dwg)			
	* PDF			
	Miscellaneous			
	a. <u>Training</u>			
	* Comprehensive (with actual application on DPWH projects)			

	* Implementation plan (invitation, course design, and schedule)			
	* Logistics (resource speaker, venue, materials, food, and training			
	equipment such as laptops/desktops)			
	* Completion report (participant's attendance, feedback report, a			
	roster of participants with numerical ratings, and certificate of			
	completion of training acknowledged by the implementing office)			
	b. Documentation			
	* Physical installers (CD/DVD, USB, or External Hard			
	Drive)			
	* Installation Guide			
	* Manuals			
2	Building Structural Analysis and Design Software	1 pc		Within Sixty (60) calendar days upon receipt of Purchase Order (PO)
	Software Licensing Model: Subscription-based			
	License Access Management: Single-user			
	Supported Operating System: Must operate in the current DPWH			
	IT Infrastructure operating system or a lower version			
	(i.e. Windows 10, 11)			
	Subscription: One (1) year minimum			
	Interoperability and Compatibility (preferable):			
	- with other CAD Software			
	- with other Building Structural Analysis and Design Software			
	Functionalities:			
	a. 2D and 3D Modelling (Object-ready and User-defined)			
	* Physical Modelling			
	* Analytical Modelling			
	* Wizards or Advanced Modelling			
	b. Analysis			
	* Finite Element Method Analysis			
	* Static and Dynamic Linear Analysis			

	* Static and Dynamic Non-Linear Analysis			
	* Time History Analysis			
	* Response Spectrum			
	* P-delta Analysis			
	* Large Displacement Analysis			
	* Construction Stages Analysis			
	c. <u>Design</u>			
	* Reinforced Concrete Design			
	* Steel Design			
	* Composite Design (steel-reinforced concrete)			
	* Cable Design			
	* Pre/Post-Tensioned Design			
	* Damper and Base Isolator Design			
	* Capacity Design			
	* Foundation Design			
	* Connections Design			
	d. <u>Calculations</u>			
	* Displacements			
	* Forces, Stresses, Moments and Reactions			
	* Steel Reinforcements (with optimization)			
	* Sections and Dimensions (with optimization)			
	e. <u>Visualization</u>			
	* Animation			
	* Rendering			
	<i>Design Codes/References</i>			
	* Design Guidelines, Criteria and Standards (DGCS)			
	Volume 6 (preferable)			
	* AASHTO			
	* AISC			
	* ACI			
	* AASHTO LRFD			
	* EUROCODE			
	* NSCP (latest edition)			
	<i>File Output:</i>			
	* CAD (e.g. DXF, .dwg) (preferable)			
	* PDF			
	* Excel			
	* Text Output/Word			
	<i>Miscellaneous</i>			
	a. <u>Training</u>			
	* Comprehensive (with actual application on DPWH projects)			

	* Implementation plan (invitation, course design, and schedule)			
	* Logistics (resource speaker, venue, materials, food, and training			
	equipment such as laptops/desktops)			
	* Completion report (participant's attendance, feedback report, a			
	roster of participants with numerical ratings, and certificate of			
	completion of training acknowledged by the implementing office)			
	b. <u>Documentation</u>			
	* Physical installers (CD/DVD, USB, or External Hard Drive) and			
	Certificate indicating the License key and License information			
	* Installation Guide			
	* Manuals			
3	Quantity Take-Off and Cost Estimates Software	1 pc		Within Sixty (60) calendar days upon receipt of Purchase Order (PO)
	<i>Software Licensing Model:</i> Subscription-based			
	<i>License Access Management:</i> Single-user			
	<i>Supported Operating System:</i> Must operate in the current DPWH			
	IT Infrastructure operating system or a lower version (i.e. Windows 10, 11)			
	<i>Subscription:</i> One (1) year minimum			
	<i>Interoperability and Compatibility (preferable):</i>			
	- with other Quantity Take-Off and Estimation Software			
	- with other CAD Software			
	- with other 2D/3D Modelling Software			
	<i>Functionalities:</i>			
	a. <u>Quantity Take-Off and Estimates</u>			
	* Architectural components			
	* Structural components (concrete, steel/rebar, timber)			
	* Mechanical, Electrical and Plumbing and other			

	components			
	b. Visualization			
	* 2D and 3D Viewing			
	* Section View			
	File Output:			
	* PDF			
	* Excel			
	* Word			
	* Graphics (figures, tables, charts, diagrams, etc.)			
	Miscellaneous			
	a. Training			
	* Comprehensive (with actual application on DPWH projects)			
	* Implementation plan (invitation, course design, and schedule)			
	* Logistics (resource speaker, venue, materials, food, and training equipment such as laptops/desktops)			
	* Completion report (participant's attendance, feedback report, a roster of participants with numerical ratings, and certificate of completion of training acknowledged by the implementing office)			
	b. Documentation			
	* Physical installers (CD/DVD, USB, or External Hard Drive) and Certificate indicating the License key and License information			
	* Installation Guide			
	* Manuals			
4	3D Visualization and Animation Software	1 pc		Within Sixty (60) calendar days upon receipt of Purchase Order (PO)
	Software Licensing Model: Subscription-based			
	License Access Management: Single-user			
	Supported Operating System: Must operate in the current DPWH			
	IT Infrastructure operating system or a lower version (i.e. Windows 10, 11)			
	Subscription: One (1) year minimum			

	<i>Interoperability and Compatibility (preferable):</i>			
	- with other CAD Software			
	- with other 3D Modelling Software			
	- with other 3D Visualization and Animation Software			
	- with other GIS or Mapping applications/software			
	<i>Functionalities:</i>			
	a. <u>Visualization and Rendering</u>			
	* 2D or 3D CAD and Architectural Drawing/Model			
	* Image/Photo			
	* Videos			
	* Panorama image			
	b. <u>Libraries</u>			
	* Render-ready materials			
	* Render-ready styles			
	* Render-ready objects			
	* Render-ready effects			
	<i>File Output:</i>			
	* Image/Photo			
	* Video			
	* 360 Panorama			
	* Walkthrough Animation			
	* Flythrough Animation			
	<i>Miscellaneous</i>			
	a. <u>Training</u>			
	* Comprehensive (with actual application on DPWH projects)			
	* Implementation plan (invitation, course design, and schedule)			
	* Logistics (resource speaker, venue, materials, food, and training equipment such as laptops/desktops)			
	* Completion report (participant's attendance, feedback report, a roster of participants with numerical ratings, and certificate of completion of training acknowledged by the implementing office)			
	b. <u>Documentation</u>			
	* Physical installers (CD/DVD, USB, or External Hard Drive) and Certificate indicating the License key and License information			

	* Installation Guide			
	* Manuals			
5	Building Design and Modeling Software (BIM Authoring Software)	2 pcs		Within Sixty (60) calendar days upon receipt of Purchase Order (PO)
	Software Licensing Model: Subscription-based			
	License Access Management: Single-user			
	Supported Operating System: Must operate in the current DPWH			
	IT Infrastructure operating system or a lower version (i.e. Windows 10, 11)			
	Subscription: One (1) year minimum			
	Interoperability and Compatibility (preferable):			
	- with other Building Design and Modelling Software			
	- with other CAD Software			
	- with other GIS or Mapping applications/software			
	Functionalities:			
	a. <u>2D & 3D Modelling/Drafting (Object-ready and (User-defined)</u>			
	* Architectural			
	* Structural			
	* Mechanical			
	* Electrical			
	* Plumbing			
	b. <u>Visualization</u>			
	* Rendering			
	* Animation			
	* Viewing			
	- 3D view			
	- Section view			
	- Camera view			
	- Walkthrough			
	c. <u>Clash/Collision Detection</u>			
	File Output:			
	* CAD (e.g. DXF, .dwg) (preferable)			
	* PDF			
	* Image/Photo			
	* Walkthrough Animation			
	* IFC file			
	Miscellaneous			
	a. <u>Training</u>			
	* Comprehensive (with actual application on DPWH projects)			

	* Implementation plan (invitation, course design, and schedule)			
	* Logistics (resource speaker, venue, materials, food, and training			
	equipment such as laptops/desktops)			
	* Completion report (participant's attendance, feedback report, a			
	roster of participants with numerical ratings, and certificate of			
	completion of training acknowledged by the implementing office)			
	b. <u>Documentation</u>			
	* Physical installers (CD/DVD, USB, or External Hard Drive) and			
	Certificate indicating the License key and License information			
	* Installation Guide			
	* Manuals			
6	Conceptual Road and Bridge Design Software	6 pcs		Within Sixty (60) calendar days upon receipt of Purchase Order (PO)
	Software Licensing Model: Subscription-based			
	License Access Management: Single-user			
	Supported Operating System: Must operate in the current DPWH			
	IT Infrastructure operating system or a lower version (i.e. Windows 10, 11)			
	Subscription: One (1) year minimum			
	Interoperability and Compatibility (preferable):			
	- with other Road and Bridge Conceptualization Software			
	- with other CAD Software			
	- with other GIS or Mapping applications/software			
	Functionalities:			
	a. <u>2D and 3D Modelling (object-ready or user defined)</u>			
	* Road, Bridge, Interchange, approaches and other			
	related structures			
	* Horizontal & Vertical road alignment			

	* Curves			
	* Intersections and Roundabouts			
	* Lane and Street markings			
	* Signs and Traffic symbols			
	* Lightings			
	* Backgrounds and objects (trees, skies, cars, persons, etc.)			
	* Scenarios			
	* Quantity take-off and estimation (preferable)			
	b. <u>Visualization</u>			
	* 3D visualization			
	* Animation			
	* Cinematic Visualization			
	<i>File Output:</i>			
	* 3D & 3D conceptual design			
	* Image/Photo			
	* Animation			
	<i>Miscellaneous</i>			
	a. <u>Training</u>			
	* Comprehensive (with actual application on DPWH projects)			
	* Implementation plan (invitation, course design, and schedule)			
	* Logistics (resource speaker, venue, materials, food, and training equipment such as laptops/desktops)			
	* Completion report (participant's attendance, feedback report, a roster of participants with numerical ratings, and certificate of completion of training acknowledged by the implementing office)			
	b. <u>Documentation</u>			
	* Physical installers (CD/DVD, USB, or External Hard Drive) and Certificate indicating the License key and License information			
	* Installation Guide			
	* Manuals			
7	3D Architectural Modeling Software	2 pcs		Within Sixty (60) calendar days upon receipt of Purchase Order (PO)

	Software Licensing Model: Subscription-based			
	License Management: Single-user			
	Supported Operating System: Must operate in the current DPWH			
	IT Infrastructure operating system or a lower version			
	(i.e. Windows 10, 11)			
	Subscription: One (1) year minimum			
	Interoperability and Compatibility (preferable):			
	- with other 3D Architectural Modelling Software			
	- with other GIS or Mapping applications/software			
	Functionalities:			
	a. <u>Modelling (Object-ready and User-defined)</u>			
	* 2D and 3D Objects/Drawings			
	* Templates and Libraries			
	b. <u>Visualization</u>			
	* Animation			
	* Rendering			
	* Textures			
	* Lighting effects			
	* Layer Manager			
	* View			
	- 2D view			
	- 3D view			
	- Section view			
	- Camera view			
	- Walkthrough			
	File Output:			
	* CAD (e.g. DXF, .dwg) (preferable)			
	* PDF			
	* Image/Photo			
	* Walkthrough Animation			
	Miscellaneous			
	a. <u>Training</u>			
	* Comprehensive (with actual application on DPWH projects)			
	* Implementation plan (invitation, course design, and schedule)			
	* Logistics (resource speaker, venue, materials, food, and training equipment such as laptops/desktops)			

	* Completion report (participant's attendance, feedback report, a			
	roster of participants with numerical ratings, and certificate of			
	completion of training acknowledged by the implementing office)			
	b. <u>Documentation</u>			
	* Physical installers (CD/DVD, USB, or External Hard Drive) and			
	Certificate indicating the License key and License information			
	* Installation Guide			
	* Manuals			

(Name of Bidder/Company)

(Signature over Printed Name of Authorized Representative)

(Legal Capacity)

Section VII. Technical Specifications

Notes for Preparing the Technical Specifications

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

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

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

Sample Clause: Equivalency of Standards and Codes

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

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

Where appropriate, drawings, including site plans as required, may be furnished by the Procuring Entity with the Bidding Documents. Similarly, the Supplier may be requested to provide drawings or samples either with its Bid or for prior review by the Procuring Entity during contract execution.

Bidders are also required, as part of the technical specifications, to complete their statement of compliance demonstrating how the items comply with the specification.

Technical Specifications

Item	Specification	Statement of Compliance
		<i>[Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]</i>
1	Computer-Aided Design and Drafting (CADD)	
	Software Licensing Model: Subscription-based	
	License Access Management: Single-user	
	Supported Operating System: Must operate in the current DPWH	
	Infrastructure operating system or a lower version	
	(i.e. Windows 10, 11)	
	Subscription: One (1) year minimum	

	<i>Interoperability and Compatibility (preferable):</i>	
	- with other CAD Software	
	- with other GIS or Mapping applications/software	
	<i>Functionalities:</i>	
	a. <u>Modeling/Drafting</u>	
	* 2D & 3D	
	* Solids	
	* Mesh	
	* Standard Drawings (e.e. title block, templates, etc.)	
	b. <u>Visualization (preferable)</u>	
	* Rendering	
	* Animation	
	* Display (3D Views, Section Views, Section Planes, Camera View)	
	* Visual Style and Text Settings	
	(Colors, Size/Weight, Scale, Dimension, Layer)	
	<i>File Output:</i>	
	* CAD (e.g. DXF, .dwg)	
	* PDF	
	<i>Miscellaneous</i>	
	a. <u>Training</u>	
	* Comprehensive (with actual application on DPWH projects)	
	* Implementation plan (invitation, course design, and schedule)	
	* Logistics (resource speaker, venue, materials, food, and training)	

	equipment such as laptops/desktops)	
	* Completion report (participant's attendance, feedback report, a	
	roster of participants with numerical ratings, and certificate of	
	completion of training acknowledged by the implementing office)	
	b. <u>Documentation</u>	
	* Physical installers (CD/DVD, USB, or External Hard	
	Drive)	
	* Installation Guide	
	* Manuals	
2	Building Structural Analysis and Design Software	
	<i>Software Licensing Model:</i> Subscription-based	
	<i>License Access Management:</i> Single-user	
	<i>Supported Operating System:</i> Must operate in the current DPWH	
	IT Infrastructure operating system or a lower version	
	(i.e. Windows 10, 11)	
	<i>Subscription:</i> One (1) year minimum	
	<i>Interoperability and Compatibility (preferable):</i>	
	- with other CAD Software	
	- with other Building Structural Analysis and Design Software	

	<i>Functionalities:</i>	
	a. <u>2D and 3D Modelling (Object-ready and User-defined)</u>	
	* Physical Modelling	
	* Analytical Modelling	
	* Wizards or Advanced Modelling	
	b. <u>Analysis</u>	
	* Finite Element Method Analysis	
	* Static and Dynamic Linear Analysis	
	* Static and Dynamic Non-Linear Analysis	
	* Time History Analysis	
	* Response Spectrum	
	* P-delta Analysis	
	* Large Displacement Analysis	
	* Construction Stages Analysis	
	c. <u>Design</u>	
	* Reinforced Concrete Design	
	* Steel Design	
	* Composite Design (steel-reinforced concrete)	
	* Cable Design	
	* Pre/Post-Tensioned Design	
	* Damper and Base Isolator Design	
	* Capacity Design	
	* Foundation Design	
	* Connections Design	

	d. <u>Calculations</u>	
	* Displacements	
	* Forces, Stresses, Moments and Reactions	
	* Steel Reinforcements (with optimization)	
	* Sections and Dimensions (with optimization)	
	e. <u>Visualization</u>	
	* Animation	
	* Rendering	
	<i>Design Codes/References</i>	
	* Design Guidelines, Criteria and Standards (DGCS)	
	Volume 6 (preferable)	
	* AASHTO	
	* AISC	
	* ACI	
	* AASHTO LRFD	
	* EUROCODE	
	* NSCP (latest edition)	
	<i>File Output:</i>	
	* CAD (e.g. DXF, .dwg) (preferable)	
	* PDF	
	* Excel	
	* Text Output/Word	
	<i>Miscellaneous</i>	
	a. <u>Training</u>	

	* Comprehensive (with actual application on DPWH projects)	
	* Implementation plan (invitation, course design, and schedule)	
	* Logistics (resource speaker, venue, materials, food, and training	
	equipment such as laptops/desktops)	
	* Completion report (participant's attendance, feedback report, a	
	roster of participants with numerical ratings, and certificate of	
	completion of training acknowledged by the implementing office)	
	b. <u>Documentation</u>	
	* Physical installers (CD/DVD, USB, or External Hard Drive) and	
	Certificate indicating the License key and License information	
	* Installation Guide	
	* Manuals	
3	Quantity Take-Off and Cost Estimates Software	
	<i>Software Licensing Model:</i> Subscription-based	
	<i>License Access Management:</i> Single-user	
	<i>Supported Operating System:</i> Must operate in the current DPWH	
	IT Infrastructure operating system or a lower version	
	(i.e. Windows 10, 11)	
	<i>Subscription:</i> One (1) year minimum	

	<i>Interoperability and Compatibility (preferable):</i>	
	- with other Quantity Take-Off and Estimation Software	
	- with other CAD Software	
	- with other 2D/3D Modelling Software	
	<i>Functionalities:</i>	
	a. <u>Quantity Take-Off and Estimates</u>	
	* Architectural components	
	* Structural components (concrete, steel/rebar, timber)	
	* Mechanical, Electrical and Plumbing and other	
	components	
	b. <u>Visualization</u>	
	* 2D and 3D Viewing	
	* Section View	
	<i>File Output:</i>	
	* PDF	
	* Excel	
	* Word	
	* Graphics (figures, tables, charts, diagrams, etc.)	
	<i>Miscellaneous</i>	
	a. <u>Training</u>	
	* Comprehensive (with actual application on DPWH projects)	
	* Implementation plan (invitation, course design, and schedule)	

	* Logistics (resource speaker, venue, materials, food, and training	
	equipment such as laptops/desktops)	
	* Completion report (participant's attendance, feedback report, a	
	roster of participants with numerical ratings, and certificate of	
	completion of training acknowledged by the implementing office)	
	b. <u>Documentation</u>	
	* Physical installers (CD/DVD, USB, or External Hard Drive) and	
	Certificate indicating the License key and License information	
	* Installation Guide	
	* Manuals	
4	3D Visualization and Animation Software	
	<i>Software Licensing Model:</i> Subscription-based	
	<i>License Access Management:</i> Single-user	
	<i>Supported Operating System:</i> Must operate in the current DPWH	
	IT Infrastructure operating system or a lower version	
	(i.e. Windows 10, 11)	
	<i>Subscription:</i> One (1) year minimum	
	<i>Interoperability and Compatibility (preferable):</i>	
	- with other CAD Software	

	- with other 3D Modelling Software	
	- with other 3D Visualization and Animation Software	
	- with other GIS or Mapping applications/software	
	<i>Functionalities:</i>	
	a. <u>Visualization and Rendering</u>	
	* 2D or 3D CAD and Architectural Drawing/Model	
	* Image/Photo	
	* Videos	
	* Panorama image	
	b. <u>Libraries</u>	
	* Render-ready materials	
	* Render-ready styles	
	* Render-ready objects	
	* Render-ready effects	
	<i>File Output:</i>	
	* Image/Photo	
	* Video	
	* 360 Panorama	
	* Walkthrough Animation	
	* Flythrough Animation	
	<i>Miscellaneous</i>	
	a. <u>Training</u>	
	* Comprehensive (with actual application on DPWH projects)	
	* Implementation plan (invitation, course design, and schedule)	

	* Logistics (resource speaker, venue, materials, food, and training	
	equipment such as laptops/desktops)	
	* Completion report (participant's attendance, feedback report, a	
	roster of participants with numerical ratings, and certificate of	
	completion of training acknowledged by the implementing office)	
	b. <u>Documentation</u>	
	* Physical installers (CD/DVD, USB, or External Hard Drive) and	
	Certificate indicating the License key and License information	
	* Installation Guide	
	* Manuals	
5	Building Design and Modeling Software	
	(BIM Authoring Software)	
	<i>Software Licensing Model:</i> Subscription-based	
	<i>License Access Management:</i> Single-user	
	<i>Supported Operating System:</i> Must operate in the current DPWH	
	IT Infrastructure operating system or a lower version	
	(i.e. Windows 10, 11)	
	<i>Subscription:</i> One (1) year minimum	
	<i>Interoperability and Compatibility (preferable):</i>	

	- with other Building Design and Modelling Software	
	- with other CAD Software	
	- with other GIS or Mapping applications/software	
	<i>Functionalities:</i>	
	a. <u>2D & 3D Modelling/Drafting</u> (Object-ready and	
	(User-defined)	
	* Architectural	
	* Structural	
	* Mechanical	
	* Electrical	
	* Plumbing	
	b. <u>Visualization</u>	
	* Rendering	
	* Animation	
	* Viewing	
	- 3D view	
	- Section view	
	- Camera view	
	- Walkthrough	
	c. <u>Clash/Collision Detection</u>	
	<i>File Output:</i>	
	* CAD (e.g. DXF, .dwg) (preferable)	
	* PDF	
	* Image/Photo	
	* Walkthrough Animation	

	* IFC file	
	<i>Miscellaneous</i>	
	a. <u>Training</u>	
	* Comprehensive (with actual application on DPWH projects)	
	* Implementation plan (invitation, course design, and schedule)	
	* Logistics (resource speaker, venue, materials, food, and training equipment such as laptops/desktops)	
	* Completion report (participant's attendance, feedback report, a roster of participants with numerical ratings, and certificate of completion of training acknowledged by the implementing office)	
	b. <u>Documentation</u>	
	* Physical installers (CD/DVD, USB, or External Hard Drive) and Certificate indicating the License key and License information	
	* Installation Guide	
	* Manuals	
6	Conceptual Road and Bridge Design Software	
	<i>Software Licensing Model:</i> Subscription-based	
	<i>License Access Management:</i> Single-user	
	<i>Supported Operating System:</i> Must operate in the current DPWH	

	IT Infrastructure operating system or a lower version	
	(i.e. Windows 10, 11)	
	Subscription: One (1) year minimum	
	Interoperability and Compatibility (preferable):	
	- with other Road and Bridge Conceptualization Software	
	- with other CAD Software	
	- with other GIS or Mapping applications/software	
	Functionalities:	
	a. <u>2D and 3D Modelling (object-ready or user defined)</u>	
	* Road, Bridge, Interchange, approaches and other	
	related structures	
	* Horizontal & Vertical road alignment	
	* Curves	
	* Intersections and Roundabouts	
	* Lane and Street markings	
	* Signs and Traffic symbols	
	* Lightings	
	* Backgrounds and objects (trees, skies, cars,	
	persons, etc.)	
	* Scenarios	
	* Quantity take-off and estimation (preferable)	
	b. <u>Visualization</u>	

	* 3D visualization	
	* Animation	
	* Cinematic Visualization	
	<i>File Output:</i>	
	* 3D & 3D conceptual design	
	* Image/Photo	
	* Animation	
	<i>Miscellaneous</i>	
	a. <u>Training</u>	
	* Comprehensive (with actual application on DPWH projects)	
	* Implementation plan (invitation, course design, and schedule)	
	* Logistics (resource speaker, venue, materials, food, and training equipment such as laptops/desktops)	
	* Completion report (participant's attendance, feedback report, a roster of participants with numerical ratings, and certificate of completion of training acknowledged by the implementing office)	
	b. <u>Documentation</u>	
	* Physical installers (CD/DVD, USB, or External Hard Drive) and Certificate indicating the License key and License information	
	* Installation Guide	
	* Manuals	

7	3D Architectural Modeling Software	
	Software Licensing Model: Subscription-based	
	License Access Management: Single-user	
	Supported Operating System: Must operate in the current DPWH	
	IT Infrastructure operating system or a lower version	
	(i.e. Windows 10, 11)	
	Subscription: One (1) year minimum	
	Interoperability and Compatibility (preferable):	
	- with other 3D Architectural Modelling Software	
	- with other GIS or Mapping applications/software	
	Functionalities:	
	a. <u>Modelling (Object-ready and User-defined)</u>	
	* 2D and 3D Objects/Drawings	
	* Templates and Libraries	
	b. <u>Visualization</u>	
	* Animation	
	* Rendering	
	* Textures	
	* Lighting effects	
	* Layer Manager	
	* View	
	- 2D view	

	- 3D view	
	- Section view	
	- Camera view	
	- Walkthrough	
	<i>File Output:</i>	
	* CAD (e.g. DXF, .dwg) (preferable)	
	* PDF	
	* Image/Photo	
	* Walkthrough Animation	
	<i>Miscellaneous</i>	
	a. <u>Training</u>	
	* Comprehensive (with actual application on DPWH projects)	
	* Implementation plan (invitation, course design, and schedule)	
	* Logistics (resource speaker, venue, materials, food, and training	
	equipment such as laptops/desktops)	
	* Completion report (participant's attendance, feedback report, a	
	roster of participants with numerical ratings, and certificate of	
	completion of training acknowledged by the implementing office)	
	b. <u>Documentation</u>	
	* Physical installers (CD/DVD, USB, or External Hard Drive) and	
	Certificate indicating the License key and License information	
	* Installation Guide	

	* Manuals	

(Name of Bidder/Company)

(Signature over Printed Name of Authorized Representative)

(Legal Capacity)

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

- ☐ (f) 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**
- ☐ (g) 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**
- ☐ (h) 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**
- ☐ (i) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; **and**
- ☐ (j) 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

- ☐ (k) 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**
- ☐ (l) 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

- ☐ (m) 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 documentary requirements under RA No. 9184 (as applicable)

- ☐ (n) *[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.
- ☐ (o) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.

25 FINANCIAL COMPONENT ENVELOPE

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

BID FORM

Date: _____

Project Identification No. : _____

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

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

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

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

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

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

_____	_____
_____	_____
_____	_____

(if none, state "None")]

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

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

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

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

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

Name: _____

Legal capacity: _____

Signature: _____

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

Date: _____

CONTRACT AGREEMENT

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

WHEREAS, the Entity invited Bids for certain goods and ancillary services, particularly [brief description of goods and services] and has accepted a Bid by the Supplier for the supply of those goods and services in the sum of *[contract price in words and figures in specified currency]* (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as integral part of this Agreement, *viz.*:
 - i. Philippine Bidding Documents (PBDs);
 - i. Schedule of Requirements;
 - ii. Technical Specifications;
 - iii. General and Special Conditions of Contract; and
 - iv. Supplemental or Bid Bulletins, if any
 - ii. Winning bidder’s bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;

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

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

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

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

[Insert Name and Signature]

[Insert Name and Signature]

[Insert Signatory's Legal Capacity]

[Insert Signatory's Legal Capacity]

for:

for:

[Insert Procuring Entity]

[Insert Name of Supplier]

Acknowledgment

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

Omnibus Sworn Statement

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

AFFIDAVIT

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

1. [Select one, delete the other:]

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

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

2. [Select one, delete the other:]

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

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

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**
4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

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

6. [Select one, delete the rest:]

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

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

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

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

involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.

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

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

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

Bank Guarantee Form for Advance Payment

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

Gentlemen and/or Ladies:

In accordance with the payment provision included in the Special Conditions of Contract, which amends Clause 10 of the General Conditions of Contract to provide for advance payment, *[name and address of Supplier]* (hereinafter called the “Supplier”) shall deposit with the PROCURING ENTITY a bank guarantee to guarantee its proper and faithful performance under the said Clause of the Contract in an amount of *[amount of guarantee in figures and words]*.

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

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

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

Yours truly,

Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]

REPUBLIC OF THE PHILIPPINES)
CITY OF _____) S.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

[Jurat]

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

DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

Contract ID. No. : **24GIB0045**

Name of Project : **Procurement of Engineering Design Software/Hardware Acquisition for Eastern Samar District Engineering Office.**

Bid Form A (Technical Proposal)

DPWH SPECIFICATIONS			BIDDER'S SPECIFICATION
LOT/ITEM	DESCRIPTION	QUANTITY AND UNIT	
1	Computer-Aided Design and Drafting (CADD)	2 pcs	
	<i>Software Licensing Model:</i> Subscription-based		
	<i>License Access Management:</i> Single-user		
	<i>Supported Operating System:</i> Must operate in the current DPWH		
	Infrastructure operating system or a lower version		
	(i.e. Windows 10, 11)		
	<i>Subscription:</i> One (1) year minimum		
	<i>Interoperability and Compatibility (preferable):</i>		
	- with other CAD Software		
	- with other GIS or Mapping applications/software		
	<i>Functionalities:</i>		
	a. <u>Modeling/Drafting</u>		
	* 2D & 3D		
	* Solids		
	* Mesh		
	* Standard Drawings (e.e. title block, templates, etc.)		

	b. <u>Visualization (preferable)</u>		
	* Rendering		
	* Animation		
	* Display (3D Views, Section Views, Section Planes, Camera View)		
	* Visual Style and Text Settings		
	(Colors, Size/Weight, Scale, Dimension, Layer)		
	<i>File Output:</i>		
	* CAD (e.g. DXF, .dwg)		
	* PDF		
	<i>Miscellaneous</i>		
	a. <u>Training</u>		
	* Comprehensive (with actual application on DPWH projects)		
	* Implementation plan (invitation, course design, and schedule)		
	* Logistics (resource speaker, venue, materials, food, and training equipment such as laptops/desktops)		
	* Completion report (participant's attendance, feedback report, a roster of participants with numerical ratings, and certificate of completion of training acknowledged by the implementing office)		
	b. <u>Documentation</u>		
	* Physical installers (CD/DVD, USB, or External Hard Drive)		
	* Installation Guide		

	* Manuals		
2	Building Structural Analysis and Design Software	1 pc	
	<i>Software Licensing Model:</i> Subscription-based		
	<i>License Access Management:</i> Single-user		
	<i>Supported Operating System:</i> Must operate in the current DPWH		
	IT Infrastructure operating system or a lower version		
	(i.e. Windows 10, 11)		
	<i>Subscription:</i> One (1) year minimum		
	<i>Interoperability and Compatibility (preferable):</i>		
	- with other CAD Software		
	- with other Building Structural Analysis and Design Software		
	<i>Functionalities:</i>		
	a. <u>2D and 3D Modelling (Object-ready and User-defined)</u>		
	* Physical Modelling		
	* Analytical Modelling		
	* Wizards or Advanced Modelling		
	b. <u>Analysis</u>		
	* Finite Element Method Analysis		
	* Static and Dynamic Linear Analysis		
	* Static and Dynamic Non-Linear Analysis		
	* Time History Analysis		
	* Response Spectrum		

	* P-delta Analysis		
	* Large Displacement Analysis		
	* Construction Stages Analysis		
	c. <u>Design</u>		
	* Reinforced Concrete Design		
	* Steel Design		
	* Composite Design (steel-reinforced concrete)		
	* Cable Design		
	* Pre/Post-Tensioned Design		
	* Damper and Base Isolator Design		
	* Capacity Design		
	* Foundation Design		
	* Connections Design		
	d. <u>Calculations</u>		
	* Displacements		
	* Forces, Stresses, Moments and Reactions		
	* Steel Reinforcements (with optimization)		
	* Sections and Dimensions (with optimization)		
	e. <u>Visualization</u>		
	* Animation		
	* Rendering		
	<i>Design Codes/References</i>		
	* Design Guidelines, Criteria and Standards (DGCS)		

	Volume 6 (preferable)		
	* AASHTO		
	* AISC		
	* ACI		
	* AASHTO LRFD		
	* EUROCODE		
	* NSCP (latest edition)		
	<i>File Output:</i>		
	* CAD (e.g. DXF, .dwg) (preferable)		
	* PDF		
	* Excel		
	* Text Output/Word		
	<i>Miscellaneous</i>		
	a. <u>Training</u>		
	* Comprehensive (with actual application on DPWH projects)		
	* Implementation plan (invitation, course design, and schedule)		
	* Logistics (resource speaker, venue, materials, food, and training equipment such as laptops/desktops)		
	* Completion report (participant's attendance, feedback report, a		
	roster of participants with numerical ratings, and certificate of		
	completion of training acknowledged by the implementing office)		
	b. <u>Documentation</u>		

	* Physical installers (CD/DVD, USB, or External Hard Drive) and		
	Certificate indicating the License key and License information		
	* Installation Guide		
	* Manuals		
3	Quantity Take-Off and Cost Estimates Software	1 pc	
	<i>Software Licensing Model:</i> Subscription-based		
	<i>License Access Management:</i> Single-user		
	<i>Supported Operating System:</i> Must operate in the current DPWH		
	IT Infrastructure operating system or a lower version		
	(i.e. Windows 10, 11)		
	<i>Subscription:</i> One (1) year minimum		
	<i>Interoperability and Compatibility (preferable):</i>		
	- with other Quantity Take-Off and Estimation Software		
	- with other CAD Software		
	- with other 2D/3D Modelling Software		
	<i>Functionalities:</i>		
	a. <u>Quantity Take-Off and Estimates</u>		
	* Architectural components		
	* Structural components (concrete, steel/rebar, timber)		
	* Mechanical, Electrical and Plumbing and other		
	components		
	b. <u>Visualization</u>		

	* 2D and 3D Viewing		
	* Section View		
	<i>File Output:</i>		
	* PDF		
	* Excel		
	* Word		
	* Graphics (figures, tables, charts, diagrams, etc.)		
	<i>Miscellaneous</i>		
	a. <u>Training</u>		
	* Comprehensive (with actual application on DPWH projects)		
	* Implementation plan (invitation, course design, and schedule)		
	* Logistics (resource speaker, venue, materials, food, and training equipment such as laptops/desktops)		
	* Completion report (participant's attendance, feedback report, a roster of participants with numerical ratings, and certificate of completion of training acknowledged by the implementing office)		
	b. <u>Documentation</u>		
	* Physical installers (CD/DVD, USB, or External Hard Drive) and Certificate indicating the License key and License information		
	* Installation Guide		
	* Manuals		

4	3D Visualization and Animation Software	1 pc	
	<i>Software Licensing Model:</i> Subscription-based		
	<i>License Access Management:</i> Single-user		
	<i>Supported Operating System:</i> Must operate in the current DPWH		
	IT Infrastructure operating system or a lower version		
	(i.e. Windows 10, 11)		
	<i>Subscription:</i> One (1) year minimum		
	<i>Interoperability and Compatibility (preferable):</i>		
	- with other CAD Software		
	- with other 3D Modelling Software		
	- with other 3D Visualization and Animation Software		
	- with other GIS or Mapping applications/software		
	<i>Functionalities:</i>		
	a. <u>Visualization and Rendering</u>		
	* 2D or 3D CAD and Architectural Drawing/Model		
	* Image/Photo		
	* Videos		
	* Panorama image		
	b. <u>Libraries</u>		
	* Render-ready materials		
	* Render-ready styles		
	* Render-ready objects		
	* Render-ready effects		

	<i>File Output:</i>		
	* Image/Photo		
	* Video		
	* 360 Panorama		
	* Walkthrough Animation		
	* Flythrough Animation		
	<i>Miscellaneous</i>		
	a. <u>Training</u>		
	* Comprehensive (with actual application on DPWH projects)		
	* Implementation plan (invitation, course design, and schedule)		
	* Logistics (resource speaker, venue, materials, food, and training equipment such as laptops/desktops)		
	* Completion report (participant's attendance, feedback report, a		
	roster of participants with numerical ratings, and certificate of		
	completion of training acknowledged by the implementing office)		
	b. <u>Documentation</u>		
	* Physical installers (CD/DVD, USB, or External Hard Drive) and		
	Certificate indicating the License key and License information		
	* Installation Guide		
	* Manuals		
5	Building Design and Modeling Software	2 pcs	

	(BIM Authoring Software)		
	Software Licensing Model: Subscription-based		
	License Access Management: Single-user		
	Supported Operating System: Must operate in the current DPWH		
	IT Infrastructure operating system or a lower version		
	(i.e. Windows 10, 11)		
	Subscription: One (1) year minimum		
	Interoperability and Compatibility (preferable):		
	- with other Building Design and Modelling Software		
	- with other CAD Software		
	- with other GIS or Mapping applications/software		
	Functionalities:		
	a. <u>2D & 3D Modelling/Drafting (Object-ready and</u>		
	(User-defined)		
	* Architectural		
	* Structural		
	* Mechanical		
	* Electrical		
	* Plumbing		
	b. <u>Visualization</u>		
	* Rendering		
	* Animation		
	* Viewing		

	- 3D view		
	- Section view		
	- Camera view		
	- Walkthrough		
	c. <u>Clash/Collision Detection</u>		
	<i>File Output:</i>		
	* CAD (e.g. DXF, .dwg) (preferable)		
	* PDF		
	* Image/Photo		
	* Walkthrough Animation		
	* IFC file		
	<i>Miscellaneous</i>		
	a. <u>Training</u>		
	* Comprehensive (with actual application on DPWH projects)		
	* Implementation plan (invitation, course design, and schedule)		
	* Logistics (resource speaker, venue, materials, food, and training equipment such as laptops/desktops)		
	* Completion report (participant's attendance, feedback report, a		
	roster of participants with numerical ratings, and certificate of		
	completion of training acknowledged by the implementing office)		
	b. <u>Documentation</u>		
	* Physical installers (CD/DVD, USB, or External Hard Drive) and		

	Certificate indicating the License key and License information		
	* Installation Guide		
	* Manuals		
6	Conceptual Road and Bridge Design Software	6 pcs	
	<i>Software Licensing Model:</i> Subscription-based		
	<i>License Access Management:</i> Single-user		
	<i>Supported Operating System:</i> Must operate in the current DPWH		
	IT Infrastructure operating system or a lower version		
	(i.e. Windows 10, 11)		
	<i>Subscription:</i> One (1) year minimum		
	<i>Interoperability and Compatibility (preferable):</i>		
	- with other Road and Bridge Conceptualization Software		
	- with other CAD Software		
	- with other GIS or Mapping applications/software		
	<i>Functionalities:</i>		
	a. <u>2D and 3D Modelling (object-ready or user defined)</u>		
	* Road, Bridge, Interchange, approaches and other		
	related structures		
	* Horizontal & Vertical road alignment		
	* Curves		
	* Intersections and Roundabouts		
	* Lane and Street markings		

	* Signs and Traffic symbols		
	* Lightings		
	* Backgrounds and objects (trees, skies, cars,		
	persons, etc.)		
	* Scenarios		
	* Quantity take-off and estimation (preferable)		
	b. <u>Visualization</u>		
	* 3D visualization		
	* Animation		
	* Cinematic Visualization		
	<i>File Output:</i>		
	* 3D & 3D conceptual design		
	* Image/Photo		
	* Animation		
	<i>Miscellaneous</i>		
	a. <u>Training</u>		
	* Comprehensive (with actual application on DPWH projects)		
	* Implementation plan (invitation, course design, and schedule)		
	* Logistics (resource speaker, venue, materials, food, and training		
	equipment such as laptops/desktops)		
	* Completion report (participant's attendance, feedback report, a		
	roster of participants with numerical ratings, and certificate of		

	completion of training acknowledged by the implementing office)		
	b. <u>Documentation</u>		
	* Physical installers (CD/DVD, USB, or External Hard Drive) and		
	Certificate indicating the License key and License information		
	* Installation Guide		
	* Manuals		
7	3D Architectural Modeling Software	2 pcs	
	<i>Software Licensing Model:</i> Subscription-based		
	<i>License Access Management:</i> Single-user		
	<i>Supported Operating System:</i> Must operate in the current DPWH		
	IT Infrastructure operating system or a lower version		
	(i.e. Windows 10, 11)		
	<i>Subscription:</i> One (1) year minimum		
	<i>Interoperability and Compatibility (preferable):</i>		
	- with other 3D Architectural Modelling Software		
	- with other GIS or Mapping applications/software		
	<i>Functionalities:</i>		
	a. <u>Modelling (Object-ready and User-defined)</u>		
	* 2D and 3D Objects/Drawings		
	* Templates and Libraries		
	b. <u>Visualization</u>		

	* Animation		
	* Rendering		
	* Textures		
	* Lighting effects		
	* Layer Manager		
	* View		
	- 2D view		
	- 3D view		
	- Section view		
	- Camera view		
	- Walkthrough		
	<i>File Output:</i>		
	* CAD (e.g. DXF, .dwg) (preferable)		
	* PDF		
	* Image/Photo		
	* Walkthrough Animation		
	<i>Miscellaneous</i>		
	a. <u>Training</u>		
	* Comprehensive (with actual application on DPWH projects)		
	* Implementation plan (invitation, course design, and schedule)		
	* Logistics (resource speaker, venue, materials, food, and training equipment such as laptops/desktops)		
	* Completion report (participant's attendance, feedback report, a		

	roster of participants with numerical ratings, and certificate of completion of training acknowledged by the implementing office)		
	<u>b. Documentation</u>		
	* Physical installers (CD/DVD, USB, or External Hard Drive) and		
	Certificate indicating the License key and License information		
	* Installation Guide		
	* Manuals		

(Name of Bidder/Company)

(Signature over Printed Name of Representative)

(Legal Capacity)

DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

Contract ID. No. : **24GIB0054**

Name of Project : **Procurement of Engineering Design Software/Hardware Acquisition for Eastern Samar District Engineering Office**

BID FORM B (FINANCIAL PROPOSAL) PRICE SCHEDULE FOR GOODS OFFERED

Date of Bid Opening: **December 12, 2024**

1	2	3	4	5	6
ITEM No.	DESCRIPTION	UNIT	QTY	UNIT BID PRICE (Peso)	TOTAL BID PRICE (Peso)
1	Computer-Aided Design and Drafting (CADD)	2 pcs			
	Software Licensing Model: Subscription-based				
	License Access Management: Single-user				
	Supported Operating System: Must operate in the current DPWH				
	Infrastructure operating system or a lower version				
	(i.e. Windows 10, 11)				
	Subscription: One (1) year minimum				
	Interoperability and Compatibility (preferable):				
	- with other CAD Software				

	- with other GIS or Mapping applications/software				
	<i>Functionalities:</i>				
	a. <u>Modeling/Drafting</u>				
	* 2D & 3D				
	* Solids				
	* Mesh				
	* Standard Drawings (e.e. title block, templates, etc.)				
	b. <u>Visualization (preferable)</u>				
	* Rendering				
	* Animation				
	* Display (3D Views, Section Views, Section Planes, Camera View)				
	* Visual Style and Text Settings				
	(Colors, Size/Weight, Scale, Dimension, Layer)				
	<i>File Output:</i>				
	* CAD (e.g. DXF, .dwg)				

	* PDF				
	<i>Miscellaneous</i>				
	a. <u>Training</u>				
	* Comprehensive (with actual application on DPWH projects)				
	* Implementation plan (invitation, course design, and schedule)				
	* Logistics (resource speaker, venue, materials, food, and training				
	equipment such as laptops/desktops)				
	* Completion report (participant's attendance, feedback report, a				
	roster of participants with numerical ratings, and certificate of				
	completion of training acknowledged by the implementing office)				
	b. <u>Documentation</u>				
	* Physical installers (CD/DVD, USB, or External Hard				
	Drive)				
	* Installation Guide				
	* Manuals				

2	Building Structural Analysis and Design Software	1 pc			
	Software Licensing Model: Subscription-based				
	License Access Management: Single-user				
	Supported Operating System: Must operate in the current DPWH				
	IT Infrastructure operating system or a lower version				
	(i.e. Windows 10, 11)				
	Subscription: One (1) year minimum				
	Interoperability and Compatibility (preferable):				
	- with other CAD Software				
	- with other Building Structural Analysis and Design Software				
	Functionalities:				
	a. <u>2D and 3D Modelling (Object-ready and User-defined)</u>				
	* Physical Modelling				
	* Analytical Modelling				

	* Wizards or Advanced Modelling				
	<u>b. Analysis</u>				
	* Finite Element Method Analysis				
	* Static and Dynamic Linear Analysis				
	* Static and Dynamic Non-Linear Analysis				
	* Time History Analysis				
	* Response Spectrum				
	* P-delta Analysis				
	* Large Displacement Analysis				
	* Construction Stages Analysis				
	<u>c. Design</u>				
	* Reinforced Concrete Design				
	* Steel Design				
	* Composite Design (steel-reinforced concrete)				
	* Cable Design				

	* Pre/Post-Tensioned Design				
	* Damper and Base Isolator Design				
	* Capacity Design				
	* Foundation Design				
	* Connections Design				
	d. <u>Calculations</u>				
	* Displacements				
	* Forces, Stresses, Moments and Reactions				
	* Steel Reinforcements (with optimization)				
	* Sections and Dimensions (with optimization)				
	e. <u>Visualization</u>				
	* Animation				
	* Rendering				
	<i>Design Codes/References</i>				
	* Design Guidelines, Criteria and Standards (DGCS)				

	Volume 6 (preferable)				
	* AASHTO				
	* AISC				
	* ACI				
	* AASHTO LRFD				
	* EUROCODE				
	* NSCP (latest edition)				
	<i>File Output.</i>				
	* CAD (e.g. DXF, .dwg) (preferable)				
	* PDF				
	* Excel				
	* Text Output/Word				
	<i>Miscellaneous</i>				
	a. <u>Training</u>				
	* Comprehensive (with actual application on DPWH projects)				

	* Implementation plan (invitation, course design, and schedule)				
	* Logistics (resource speaker, venue, materials, food, and training				
	equipment such as laptops/desktops)				
	* Completion report (participant's attendance, feedback report, a				
	roster of participants with numerical ratings, and certificate of				
	completion of training acknowledged by the implementing office)				
	b. <u>Documentation</u>				
	* Physical installers (CD/DVD, USB, or External Hard Drive) and				
	Certificate indicating the License key and License information				
	* Installation Guide				
	* Manuals				
3	Quantity Take-Off and Cost Estimates Software	1 pc			
	<i>Software Licensing Model:</i> Subscription-based				
	<i>License Access Management:</i> Single-user				

	<i>Supported Operating System:</i> Must operate in the current DPWH				
	IT Infrastructure operating system or a lower version				
	(i.e. Windows 10, 11)				
	<i>Subscription:</i> One (1) year minimum				
	<i>Interoperability and Compatibility (preferable):</i>				
	- with other Quantity Take-Off and Estimation Software				
	- with other CAD Software				
	- with other 2D/3D Modelling Software				
	<i>Functionalities:</i>				
	a. <u>Quantity Take-Off and Estimates</u>				
	* Architectural components				
	* Structural components (concrete, steel/rebar, timber)				
	* Mechanical, Electrical and Plumbing and other				
	components				
	b. <u>Visualization</u>				

	* 2D and 3D Viewing				
	* Section View				
	<i>File Output:</i>				
	* PDF				
	* Excel				
	* Word				
	* Graphics (figures, tables, charts, diagrams, etc.)				
	<i>Miscellaneous</i>				
	a. <u>Training</u>				
	* Comprehensive (with actual application on DPWH projects)				
	* Implementation plan (invitation, course design, and schedule)				
	* Logistics (resource speaker, venue, materials, food, and training				
	equipment such as laptops/desktops)				
	* Completion report (participant's attendance, feedback report, a				
	roster of participants with numerical ratings, and certificate of				

	completion of training acknowledged by the implementing office)				
	b. <u>Documentation</u>				
	* Physical installers (CD/DVD, USB, or External Hard Drive) and				
	Certificate indicating the License key and License information				
	* Installation Guide				
	* Manuals				
4	3D Visualization and Animation Software	1 pc			
	<i>Software Licensing Model:</i> Subscription-based				
	<i>License Access Management:</i> Single-user				
	<i>Supported Operating System:</i> Must operate in the current DPWH				
	IT Infrastructure operating system or a lower version				
	(i.e. Windows 10, 11)				
	<i>Subscription:</i> One (1) year minimum				
	<i>Interoperability and Compatibility (preferable):</i>				

	- with other CAD Software				
	- with other 3D Modelling Software				
	- with other 3D Visualization and Animation Software				
	- with other GIS or Mapping applications/software				
	<i>Functionalities:</i>				
	a. <u>Visualization and Rendering</u>				
	* 2D or 3D CAD and Architectural Drawing/Model				
	* Image/Photo				
	* Videos				
	* Panorama image				
	b. <u>Libraries</u>				
	* Render-ready materials				
	* Render-ready styles				
	* Render-ready objects				
	* Render-ready effects				

	<i>File Output.</i>				
	* Image/Photo				
	* Video				
	* 360 Panorama				
	* Walkthrough Animation				
	* Flythrough Animation				
	<i>Miscellaneous</i>				
	a. <u>Training</u>				
	* Comprehensive (with actual application on DPWH projects)				
	* Implementation plan (invitation, course design, and schedule)				
	* Logistics (resource speaker, venue, materials, food, and training				
	equipment such as laptops/desktops)				
	* Completion report (participant's attendance, feedback report, a				
	roster of participants with numerical ratings, and certificate of				
	completion of training acknowledged by the implementing office)				

	b. <u>Documentation</u>				
	* Physical installers (CD/DVD, USB, or External Hard Drive) and				
	Certificate indicating the License key and License information				
	* Installation Guide				
	* Manuals				
5	Building Design and Modeling Software	2 pcs			
	(BIM Authoring Software)				
	<i>Software Licensing Model:</i> Subscription-based				
	<i>License Access Management:</i> Single-user				
	<i>Supported Operating System:</i> Must operate in the current DPWH				
	IT Infrastructure operating system or a lower version				
	(i.e. Windows 10, 11)				
	<i>Subscription:</i> One (1) year minimum				
	<i>Interoperability and Compatibility (preferable):</i>				

	- with other Building Design and Modelling Software				
	- with other CAD Software				
	- with other GIS or Mapping applications/software				
	<i>Functionalities:</i>				
	a. <u>2D & 3D Modelling/Drafting (Object-ready and</u>				
	(User-defined)				
	* Architectural				
	* Structural				
	* Mechanical				
	* Electrical				
	* Plumbing				
	b. <u>Visualization</u>				
	* Rendering				
	* Animation				
	* Viewing				

	- 3D view				
	- Section view				
	- Camera view				
	- Walkthrough				
	c. <u>Clash/Collision Detection</u>				
	<i>File Output:</i>				
	* CAD (e.g. DXF, .dwg) (preferable)				
	* PDF				
	* Image/Photo				
	* Walkthrough Animation				
	* IFC file				
	<i>Miscellaneous</i>				
	a. <u>Training</u>				
	* Comprehensive (with actual application on DPWH projects)				
	* Implementation plan (invitation, course design, and schedule)				

	* Logistics (resource speaker, venue, materials, food, and training)				
	equipment such as laptops/desktops)				
	* Completion report (participant's attendance, feedback report, a				
	roster of participants with numerical ratings, and certificate of				
	completion of training acknowledged by the implementing office)				
	<u>b. Documentation</u>				
	* Physical installers (CD/DVD, USB, or External Hard Drive) and				
	Certificate indicating the License key and License information				
	* Installation Guide				
	* Manuals				
6	Conceptual Road and Bridge Design Software	6 pcs			
	<i>Software Licensing Model:</i> Subscription-based				
	<i>License Access Management:</i> Single-user				
	<i>Supported Operating System:</i> Must operate in the current DPWH				

	IT Infrastructure operating system or a lower version				
	(i.e. Windows 10, 11)				
	Subscription: One (1) year minimum				
	Interoperability and Compatibility (preferable):				
	- with other Road and Bridge Conceptualization Software				
	- with other CAD Software				
	- with other GIS or Mapping applications/software				
	Functionalities:				
	a. <u>2D and 3D Modelling (object-ready or user defined)</u>				
	* Road, Bridge, Interchange, approaches and other				
	related structures				
	* Horizontal & Vertical road alignment				
	* Curves				
	* Intersections and Roundabouts				
	* Lane and Street markings				

	* Signs and Traffic symbols				
	* Lightings				
	* Backgrounds and objects (trees, skies, cars,				
	persons, etc.)				
	* Scenarios				
	* Quantity take-off and estimation (preferable)				
	<u>b. Visualization</u>				
	* 3D visualization				
	* Animation				
	* Cinematic Visualization				
	<i>File Output:</i>				
	* 3D & 3D conceptual design				
	* Image/Photo				
	* Animation				
	<i>Miscellaneous</i>				

	a. <u>Training</u>				
	* Comprehensive (with actual application on DPWH projects)				
	* Implementation plan (invitation, course design, and schedule)				
	* Logistics (resource speaker, venue, materials, food, and training				
	equipment such as laptops/desktops)				
	* Completion report (participant's attendance, feedback report, a				
	roster of participants with numerical ratings, and certificate of				
	completion of training acknowledged by the implementing office)				
	b. <u>Documentation</u>				
	* Physical installers (CD/DVD, USB, or External Hard Drive) and				
	Certificate indicating the License key and License information				
	* Installation Guide				
	* Manuals				
7	3D Architectural Modeling Software	2 pcs			

	Software Licensing Model: Subscription-based				
	License Access Management: Single-user				
	Supported Operating System: Must operate in the current DPWH				
	IT Infrastructure operating system or a lower version				
	(i.e. Windows 10, 11)				
	Subscription: One (1) year minimum				
	Interoperability and Compatibility (preferable):				
	- with other 3D Architectural Modelling Software				
	- with other GIS or Mapping applications/software				
	Functionalities:				
	a. <u>Modelling (Object-ready and User-defined)</u>				
	* 2D and 3D Objects/Drawings				
	* Templates and Libraries				
	b. <u>Visualization</u>				
	* Animation				

	* Rendering				
	* Textures				
	* Lighting effects				
	* Layer Manager				
	* View				
	- 2D view				
	- 3D view				
	- Section view				
	- Camera view				
	- Walkthrough				
	<i>File Output:</i>				
	* CAD (e.g. DXF, .dwg) (preferable)				
	* PDF				
	* Image/Photo				
	* Walkthrough Animation				

	<i>Miscellaneous</i>				
	a. <u>Training</u>				
	* Comprehensive (with actual application on DPWH projects)				
	* Implementation plan (invitation, course design, and schedule)				
	* Logistics (resource speaker, venue, materials, food, and training				
	equipment such as laptops/desktops)				
	* Completion report (participant's attendance, feedback report, a				
	roster of participants with numerical ratings, and certificate of				
	completion of training acknowledged by the implementing office)				
	b. <u>Documentation</u>				
	* Physical installers (CD/DVD, USB, or External Hard Drive) and				
	Certificate indicating the License key and License information				
	* Installation Guide				
	* Manuals				
		TOTAL			

(In Words)	(In Figures)
Price Validity : _____	
Name and Signature of Bidder : _____	
Address : _____	
Telephone/Mobile No.: _____	
Name of Representative : _____	
Representative Signature : _____	
Legal Capacity: _____	

For Goods Offered from Within the Philippines

Name of Bidder _____ Project ID No. _____ Page ____ of ____

[illegible]

Name: _____

Legal Capacity: _____

Signature: _____

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

Name of Procuring Entity

Project Reference Number

Name of Project

Location of the Project

Standard Form Number: SF-GOOD-13b

revised on: July 28, 2004

Statement of all Government and Private Contracts completed which are similar in nature

Business Name: _____

Business Address: _____

Name of Contract /Project Cost	a. Owner's Name b. Address c. Telephone Nos.	Nature of Work	Bidder's Role		a. Amount at Award b. Amount at Completion c. Duration	a. Date Awarded b. Contract Effectivity c. Date Completed
			Description	%		
<u>Government</u>						
<u>Private</u>						
Note: This statement shall be supported with:						

1. Contract
2. Certificate of Completion
3. Certificate of Acceptance

Submitted by: _____
(Printed Name and Signature)

Designation: _____

Date: _____

Name of Procuring Entity

Project Reference Number

Name of Project

Location of the Project

Standard Form Number: SF-GOOD-13a

revised on: July 28, 2004

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

Business Name: _____

Business Address: _____

Name of Contract /Project Cost	a. Owner's Name b. Address c. Telephone Nos.	Nature of Work	Bidder's Role		a. Date Awarded b. Date Started c. Date of Completion	% of Accomplishment		Value of Outstanding Works/ Undelivered Portion
			Description	%		Planned	Actual	
<u>Government</u>								
<u>Private</u>								
Note: This statement shall be supported with:						Total Cost		

1. Notice of Award and/or Contract
2. Notice to Proceed issued by owner
3. Certificate of Accomplishment signed by the owner or authorized representative

Submitted by: _____

(Printed Name and Signature)

Designation: _____

Date: _____

FINANCIAL DOCUMENTS FOR ELIGIBILITY CHECK

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__
1.	Total Assets	
2.	Current Assets	
3.	Total Liabilities	
4.	Current Liabilities	
5.	Net Worth (1-3)	
6.	Net Working Capital (2-4)	

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

NFCC = [(current asset – current liabilities) (15)] minus value of all outstanding or uncompleted portions of the projects under on-going contracts, including awarded contracts yet to be started, coinciding with the contract to be bid

NFCC = P _____

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.

The values of the domestic bidder's current assets and current liabilities shall be based on the latest Audited Financial Statements submitted to the BIR.

"Form No. 3"

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/manufacture/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]

