



INVITATION TO BID

FOR

PROCUREMENT OF ENGINEERING DESIGN SOFTWARE FOR THE USE OF DPWH-ASDEO

The Department of Public Works and Highways **Apayao 2nd District Engineering Office**, through its Bids and Awards Committee, through the **FY RA 12116 REGULAR 2025 CURRENT** intends to apply the sum of **THREE MILLION SEVENTY-FIVE THOUSAND PESOS ONLY (Php3,075,000.00)** being the ABC to payments under the contract for **Contract ID No. 25GPC0005- PROCUREMENT OF ENGINEERING DESIGN SOFTWARE FOR THE USE OF DPWH-ASDEO**.

1. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. **The DPWH-Apayao 2nd District Engineering Office** now invites bids for the above Procurement Project. Delivery of the Goods is required **SIXTY (60) calendar days**. Bidders should have completed, within **five (5) years** from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary **"pass/fail"** criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
 - a. Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens pursuant to RA No. 5183.
4. Prospective Bidders may obtain further information from Department of Public Works and Highways **Apayao 2nd District Engineering Office** and inspect the Bidding Documents at the address given below during **8:00 AM to 5:00 PM (Monday-Friday)**.
5. A complete set of Bidding Documents may be acquired by interested Bidders on **June 4, 2025-June 25, 2025** from the given address or website(s) below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **FIVE THOUSAND PESOS (Php 5,000.00)**. The procuring Entity shall allow the bidder to present its proof of payment for the fees in person.
6. The **DPWH-Apayao 2nd District Engineering Office** will hold a Pre-Bid Conference on **June 13, 2025, (10:00 am)** at the **Procurement Office, DPWH-Apayao 2nd District Engineering Office, San Isidro Sur, Luna, Apayao** and/or through video conferencing or webcasting via any available video conferencing services website/applications, which shall be open to prospective bidders.



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
APAYAO 2ND DISTRICT ENGINEERING OFFICE
Luna, Apayao



Contract ID: **25GPC0005**

Contract Name: **PROCUREMENT OF ENGINEERING DESIGN SOFTWARE FOR THE USE OF DPWH-ASDEO**

7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below, on or before **June 25, 2025 at 9:00 AM**. Late bids shall not be accepted.
8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
9. Bid opening shall be on **June 25, 2025 at 2:00 PM** at the given address below and/or via any available video conferencing services website/applications. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. Bids shall address to:

JERRY A. RAGOJOS
BAC Chairperson
DPWH-Apayao 2nd DEO
San Isidro Sur, Luna, Apayao
11. The DPWH-Apayao 2nd District Engineering Office reserves the right to reject any and all bids, declare a failure bidding, or not award the contract at any time prior to contract award in accordance with Section 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
12. For further information, please refer to:

BENJAMIN V. DOMINGO
Head, BAC Secretariat
Procurement Unit Office, Apayao 2nd DEO
apayaosecondprocurement@yahoo.com
CP No: 09280494899
13. You may visit the following websites:
For downloading of Bidding Documents:
DPWH Website: June 4-June 11, 2025
PhilGEPS Website: June 4-June 25, 2025

Approved By:

JERRY A. RAGOJOS
Chief, Construction Section
Chairperson, Bids and Awards Committee *g*

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BILL OF QUANTITIES
Department of Public Works and Highways (DPWH)

Project ID No. 25GPC0005

PROCUREMENT OF ENGINEERING DESIGN SOFTWARE FOR THE USE OF DPWH-ASDEO

ABC: P3,075,000.00

CONTRACT
DURATION: 45CD

Part No.: _____

Procuring Entity	Description	Quantity	Unit	Column (5) and (6) are to be filled up by the Bidder Unit Price (Pesos)	Amount (Pesos)
Pay item No.					
1	2	3	4	5	6
1	Highway Geometric Design Software	5.00	license	In Words: Pesos	In Words: Pesos
	DESCRIPTION: Allows users to process/transform survey data to generate 2D and 3D designs of roads, drainage, slope protection works, and other road-related componets.			_____	_____
				_____	_____
				_____	_____
				_____	_____
				In Figures: _____	In Figures: _____
	Specifications: Subscription-based Single-user a) 2D and 3D Modeling/Design (Pre-defined and User-defined) -Terrain -Corridors - Geometry -Drainage and Utilities -Road-End conditions -Intersections -Roundabouts -Slope/Grade/Elevation -Support for embedding metadata into 3D Models b) ANALYSIS -Surface Analysis -Hydraulics and Hydrologic Analysis -Storm and Sanitary Analysis c) CALCULATION -Specific flows -Pond volumes -Quantity (Area & Volume) d) VISUALIZATION -Rendering -Drive through e) DESIGN CODES/REFERENCE -A Policy on Geometric Design of Highways and Streets 2018 (AASHTO) f) EXPORT FILE FORMAT -CAD(e.g. DXF, .dwg) -PDFs -IFCS				
	Other Requirements: Compatibility: The supplied software shall be compatible and interoperable with other CADD Software, other Highway Design Software and other GIS or Mapping applications/software. In addition, it must operate on Windows 10/11 operating system.				
	Warranty and Subscription Coverage: The supplier shall provide one (1) year subscription with standard technical support, software updates and bug fixes to ensure that all licenses are functioning within the subscription period. The subscription period shall commence immediately upon the issuance of OAC and COC. The Supplier shall issue a software subscription certificate indicating the start and end of the subscription period.				

2	GEOTECHNICAL ANALYSIS AND DESIGN SOFTWARE (3D)	1.00	license	In Words: Pesos _____ _____ _____ _____ In Figures: _____	In Words: Pesos _____ _____ _____ _____ In Figures: _____
	DESCRIPTION: Allows users to run all geotechnical analyses on a single platform to solve construction and geotechnical problems related to the practical design of soil and rock mechanics, loose ground, tunnels, slopes, ramps, foundations, excavation, embankment, seepage, etc.				
	Specifications: Perpetual License Standalone (must be transferable) a) ANALYSIS -Finite Element Method (FEM) Analysis -Slope Stability Analysis -Rock Stability Analysis -Consolidation Analysis -Dynamic Analysis -Settlement Analysis -Seepage Analysis -Liquefaction Analysis -Ground Stress Analysis -Soil-Structure Interaction				
	b) DESIGN -Slope -Rock -Ground -Embankment -Excavations -Shallow and Deep Foundations -Retaining wall -Dams and Levees -Piles -Tunnels and Underground Structures				
	c) DESIGN CODES/REFERENCE -Design Guidelines, Criteria and Standards (DGCS) Volume 2C (preferable) -AASHTO -ACI -ASCE -ASTM -AISC d) EXPORT FILE FORMAT -PDF -Excel -Text Output/Word -Graphics (figures, tables, charts, diagrams, etc.)				
	Other Requirements: Compatibility: The supplied software shall be compatible and interoperable with other CADD Software and other Geotechnical Analysis and Design Software (3D). In addition, it must operate on Windows 10/11 operating system.				
	Warranty and Maintenance Coverage : The supplier shall provide three (3) year maintenance with standard technical support, software updates, and bug fixes to ensure that all licenses are functioning within the subscription period. The maintenance period shall commence immediately upon the issuance of OAC and COC. The supplier shall issue a software maintenance certificate indicating the start and end of the maintenance period.				
TRAINING: The Supplier shall provide, within the delivery period, the following trainings per software procured: • five-day (5 -day) comprehensive training with actual application on DPWH projects for two (2) participants per unit of software procured. • one-day (1 -day) software administration training for two (2) DPWH System Administrators/IT Personnel The supplier shall provide an implementation plan (letter request containing pertinent information such as training, location, date & schedule, resource speaker's profile). For the five-day comprehensive training (per software procured), the Supplier shall assign a Resource Speaker or Software Trainer who meets the following qualifications, with supporting documents to be submitted as part of the bid/proposal: • Holds a Bachelor of Science degree in Civil Engineering, as evidenced by a diploma; and • Is an authorized trainer for the offered software, as evidenced by certification from the software manufacturer. The training logistics shall be composed of but not limited to the following: • Training materials • Certificate of Training (for end-users and system administrators) • Training venue/facilities (with ample vehicle parking space) • Meals and Refreshments					

Operational Acceptance:

The inspections and tests shall be conducted during delivery of goods.

• **Installation and Configuration Certificate (ICC)** shall be issued by the DPWH IT Officer upon the completion of software installation and configuration. The supplied software shall be observe and tested for period of five (5) working days.

• **Operational Acceptance Certificate (OAC)** shall be issued after five(5) working days testing period, provided no issues are encountered. If any issues arise prior the issuance of OAC, the supplier shall resolve them promptly, free of charge and another five (5) working day tetsing shall commence. The OAC shall be issued after succesful completion of the testing period.

• **Certificate of Completion (COC)** shall be issued by the Implementing Office as evidence of the completion of training and Operational Acceptance and submitted the required documentation and media. The maintenance period shall commence upon the issuance of the COC.

Documentation and Media:

The following shall be provided during delivery of goods:

- Physical installers: any electronic media (as necessary)
- Installation Guide
- Manual

Technical Support:

The local technical support shall be availbale through phone and email, nine (9) hours per day from 7:00 am until 5:00 pm and six (6) days a week (Monday through Saturday). On-site technical support (if necessary) shall be available the next business day.

Additional Notes:

The suppliers shall present screenshots of the procedures in the software for each functionality requirements specified in this standard technical specifications as supporting evidence in the supplier's Statement of Compliance under Section VII of Bidding Documents.

"Total Amount in Words: _____
Project to be completed within _____ CD.

Submitted By:

(Name and Signature of the Duly Authorized Bidders Representative) (Date)

(Position)

(Name of Bidder