



**DOST-ASTI Bids and Awards Committee
REQUEST FOR QUOTATION**

Kind of Procurement Activity:	Negotiated Procurement: Small-value Procurement		
Deadline of Submission of Bids:	May-31-2021, 2:00 PM		
RFQ No.:	21-05-3408	Date:	May-26-2021
PR No.:	GAA-21-04-11166	Date:	April-19-2021

The Department of Science and Technology (DOST) - Advanced Science and Technology Institute (ASTI), through its Bids and Awards Committee (BAC), intends to procure the item/s listed below. As such, suppliers, contractors, or distributors are invited to submit their quotation/s duly signed by authorized representative. Prospective bidder/s who will submit a proposal with the single/lowest calculated and responsive quotation shall be selected. Guidelines on the format and eligibility documents are listed at the box below the item/s to be procured.

Quotations may be sent via **a)** electronic mail at bac-sec@asti.dost.gov.ph, **b)** fax message, or **c)** delivering documents to the BAC Secretariat. For further inquiries, you may contact +63 2 249-8500 local 1206/1212 or +63 2 426-7423.

Thank you.

Respectfully,

REYNALDO JOSEPH A. CALLAO JR.
BAC Chairman

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	<p>CAD MODELLING SOFTWARE PERPETUAL RESEARCH LICENSE FOR ONE (1) SEAT</p> <p>A. General One additional (1) Seat (Perpetual Research License) to ASTI's existing Solidworks 3D CAD license</p> <p>B. Technical Specifications:</p> <p>1. Part and assembly modeling - Allows you to design products for a broad range of industries and applications</p> <ul style="list-style-type: none"> - 3D solid modeling: Create and edit 3D part and assembly models and create 2D drawings that automatically update with design changes. - Conceptual design: create layout sketches, apply motors and forces to check mechanism performance, import images and scans to use as a reference for 3D geometry. - Large assembly design capabilities: create and manage extremely large designs, and work in either detailed or simplified modes. - Advanced surfacing: create and edit complex solid and surface geometry, including stylish C2 surfaces. - Sheet metal: design from scratch or convert your 3D part to sheet metal, includes automatic flattening or sheet metal parts with bend length compensation. - Weldments: quickly design welded structures 	1	lot	550000.00	550,000.00

composed of structural members, plates and gussets; includes a library of predefined structural shapes.

- Mold design: design molded parts and the tooling to create them, including core and the cavity, draft, automated parting surfaces, and mold base components.

- Piping/tubing design: generate and document 3D mechanical systems, including pipe/tube paths, pie spools, pipe slope, and complete Bill of Materials (BOM).

- Electrical cable/harness and conduit design: generate and document 3D electrical route paths and complete the BOM for your design.

2. Design reuse and automation - Automate design and drawing creation with built-in configurability tools.

3. Leverage existing design work

- Search for any file - on your computer, network, PDM system or the internet

- Toolbox: over one million components and other items to add to your assemblies, includes automated assembly of fasteners.

- Online components: reduce design time by using 2D and 3D catalog components provided by suppliers.

4. Animation and photo-realistic renderings. Clearly communicate your design intent with powerful visuals.

5. Support for AR and VR

6. Time-based Motion - uses assembly mates, part contacts and a robust physical-based solver to accurately determine the physical dynamic movements of an assembly under load to verify that you have met your design goals throughout the operation cycle.

7. Linear Static Simulation - Calculate, stresses, deformations and factor of safety of geometry under loads to intuitively identify areas prone to failure or over-dimensioned areas. You can also evaluate design changes to enhance quality and performance.

8. Sustainability - enables you to assess the environmental impact of the entire design, optimize material selection and part geometry and assess product energy consumption.

9. FloXpress - provides initial air and water flow simulation and reporting.

10. Design for Cost (DFC) and automated quoting

- Automated cost estimation: estimate part and assembly manufacturing costs automatically

11. Design for Manufacturability (DFM) DFMXpress: automatically checks the manufacturability of your design.

12. Detects interferences

- Automatic collision, interference and hole alignment checks: checks for interferences, collisions, clearances and hole misalignments between components.

- Tolerance stack-up analysis: automatically check the effects of tolerances on parts and assemblies.

13. Electrical manufacturing

- Harness and pin board: automatically flatten wire harness to generate pin board drawings and wire-cut lists for electrical manufacturing.

14. Pipe/tube systems manufacturing

- Export: CNC pipe bend data, spool data, BOM,

and PCF for ISOGEN

- Import: generate route specifications from P&ID files.

15. Other data output for manufacturing

- Sheet metal flat pattern: automatically flatten sheet metal design with bend compensation.

- Flatten non-developable surfaces: flatten surfaces that require material to be stretched or compressed.

- 3D printing/rapid prototyping: print directly to 3d printers supporting 3MF and AMF output STL, and other file formats for rapid prototyping.

- 2D manufacturing data: automatically export CNC-ready DXF and DWG file information directly from .sldprt or .sldasm models.

- Streamline production prep: automatic output of hole charts, weld tables, cut lists and punch tool data.

- 3D CAM partner integration: automatically update NC toolpaths directly inside SolidWorks without the need for data translation using certified partner CAM products.

16. Data exchange

- Import/export: convert CAD data into a format that meets your needs, including IFC file import/export to interact with AEC design software.

- Existing 2d DWG data: maintain design using Draftsight

- Automatic Feature recognition: automatically convert non .sldprt or .sldasm CAD data into easily modifiable models.

- ECAD-MCAD data exchange: use Circuit tools to provide 2-way data exchange between mechanical and electrical designer.

- Import scanned data: convert scanned data into .sldprt or .sldasm to facilitate easy reverse engineering.

17. Large design review: walk through, measure, section and create snapshot views with comments on massive assemblies.

18. Protect your intellectual property: use defeature to hide and protect selected aspects of your design before sharing models.

19. Compatible file formats: 3d XML, ACIS, Autodesk 3d Studio Max, Autodesk Inventor, CADkey, Catia, DWG, DXF, eDrawings, HCG, Hoops HSF, Mechanical Desktop, Parasolid, ProEngineer/Creo, Rhino, SolidEdge, Unigraphics NX.

20. Supported standards: ANSI, DIN BSI, GOST, JIS, BSI, GB, ISO

C. Package Inclusions:

1. Includes one (1) year of

- Access to supports, upgrades, new versions, special releases, add-on features, webcasts and software trainings.

- Access to privileged content on my.solidworks.com.

- Access to latest 3D/2D software plug-ins.

- Exclusive access to latest developments and select service packs.

- Full access to live technical support (through online customer portal).

- Access to knowledge base with help documentations tutorials training videos and community support forums.

- Exclusive invitation to service provider-sponsored activities for subscription customers

2. Free training for maximum of two (2) persons (advanced topic to be determined by the end-user and subject to availability from the supplier), which can be availed within one (1) year after delivery.

D. Notes:

1. Price is inclusive of government duties and taxes and other fees.

2. Must be delivered within five (5) days upon issuance of NTP.

3. Local technical support service must meet the following initial response times:

- 2 business hours for production application down or major malfunctions (Level 1)

- 6 business hours for serious degradation of application performance or functionality (Level 2)

- 1 business day for application issues that moderately impacts business operations

- 2 business days for issues or questions with limited business impact

TOTAL APPROVED BUDGET FOR THE CONTRACT:

Php 550,000.00

GUIDELINES

A. Submission of Quotations

1. Quotation/s shall include the Request for Quotation and/or the Purchase Request Number as state above;
2. Pictures or brand/model names or numbers, if applicable, should be specified in the quotation/s; and
3. Quotation/s must be signed by the company's duly authorized representative.

B. Eligibility Requirements

Pursuant to Annex "H" or Consolidated Guidelines for the Alternative Methods of Procurement of the 2016 Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184, as amended by Government Procurement Policy Board Resolution No. 21-2017 dated 30 May 2017, the following documents shall be submitted except for Repeat Order, Shopping under Section 52.1(a), and Negotiated Procurement under Sections 53.1 (Two-Failed Biddings), and 53.5 (Agency-to-Agency):

For Procurement of Goods

1. Upon submission of quotation

- ✓ PhilGEPS Platinum Membership Certificate including Annex "A". If not available, the following alternate documents may be submitted:

- PhilGEPS Registration Number
- Mayor's Permit

- For individuals/professionals engaged under Section 53.6, 53.7 and 53.9 of the 2016 IRR of RA No. 9184, only the Bureau of Internal Revenue (BIR) Certificate of Registration shall be submitted in lieu of the Mayor's Permit.

2. Upon issuance of Notice of Award (NOA)

- ✓ Omnibus Sworn Statement
 - Applicable only for bidders who have submitted their quotation on item/s with a total Approved Budget for the Contract (ABC) of above Php50,000.00.
- ✓ Income/Business Tax Return

- Applicable only for: **a)** bidders who have submitted their quotation on item/s with a total ABC of above Php500,000.00; and **b)** bidders for Lease of Real Property and Venue (except for government agencies as lessors).

For Procurement of Infrastructure

1. The requirements for Goods with the same submission indicated therein; and
2. Valid Philippine Contractors Accreditation Board License.

For Procurement of Consulting Services

1. The requirements for Goods with the same submission indicated therein; and
2. Valid Professional Regulation Commission License or Curriculum Vitae.

NOTE: For new suppliers, submit a BIR Certificate of Registration for accounting purposes.

C. Terms and Conditions

1. Additional requirements, if necessary, may be requested by the BAC depending on the item to be bid;
2. For all kinds of procurement, the bidder who passed the bid evaluation, shall submit a duly notarized Omnibus Sworn Statement upon issuance of NOA, unless otherwise provided;
3. All transactions are subject to creditable withholding tax and final Value Added Tax or percentage tax per revenue regulation/s of the BIR;
4. A penalty of one-tenth of one percent (0.001) of the total value of the undelivered goods/services shall be charged as liquidated damages for every day of delay of the delivery; and
5. The DOST-ASTI reserves the right to accept or reject any proposal, to annul the bidding process, and to reject all proposals at any time prior to contract award, without thereby incurring any liability to the affected proponent or proponents.