



ASTI-FM 03-11
REV 1/08 JUN 2022

**DOST-ASTI Bids and Awards Committee
Invitation to Bid (Public Bidding)**

IB No:	24—01—4670	Date:	January 31, 2024
PR Nos:	GAA-23-10-17968	Date:	October 12, 2023
	GAA-24-01-18536		January 11, 2024
	GAA-24-01-18538		January 12, 2024
	GAA-24-01-18570		January 25, 2024
Source of Funds:		GAA	
Total ABC:		Php 1,797,400.00	
Time, Date & Venue of Pre-bid Conference:		February 07, 2024, 9:00 AM via Videoconferencing (MS Teams)	
Time and Date of Submission of Bids:		February 19, 2024, 9:00 AM	
Time, Date & Venue of Opening Bids:		February 19, 2024, 9:30 AM via Blended Meeting Arrangement	
Date of availability of Complete Set of Documents:		January 31, 2024	
Deadline of Potential Bidder's Clarifications:		February 09, 2024	
Deadline of ASTI's Supplemental Bid Bulletin:		February 12, 2024	
Delivery Schedule:			

The Department of Science and Technology (DOST) - Advanced Science and Technology Institute (ASTI), through its Bids and Awards Committee (BAC), hereby invites all interested Bidders to submit their bids for the *item/s* listed below. Section II. Instructions to Bidders (ITB) of the DOST-ASTI Bidding Documents provides information necessary for bidders to prepare responsive bids, in accordance with the requirements of DOST-ASTI. The ITB likewise provides

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 of Republic Act No. 9184.

A complete set of DOST-ASTI Bidding Documents may be acquired by interested Bidders on the date and address given on this document, and upon payment of the applicable fee, pursuant to the latest Guidelines issued by the Government Procurement Policy Board. Further, the DOST-ASTI Bidding Documents may be accessed through the DOST-ASTI website (<https://asti.dost.gov.ph/>).

For further inquiries, you may contact the **DOST-ASTI BAC Secretariat** at telephone number **+63 2 8249-8500 / +63 2 8426-9755 local 1206/1212** or send your message to **bac-sec@asti.dost.gov.ph**.

Respectfully,

BAYANI BENJAMIN R. LARA
BAC Chairperson

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	<p>Software License Subscription to Solid CAD Application</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI seeks qualified and competent bidders for the renewal of one (1) unit of ASTI's existing Solid Modeling CAD Application license, particularly SOLIDWORKS.</p> <p>1.2. The above software subscription service renewal is necessary as the projects has an existing Solid Modeling CAD Application used for illustrative purposes such as creating 3D design of various modules as well as designing of brochures, banners, invitation cards and other project-related collateral materials distributed by the projects.</p> <p>1.3. The procurement of SOLIDWORKS is pursuant to the procurement of the Department of Science and Technology, U.P. Technology Park Complex, C.P. Garcia Ave., Diliman, Quezon City, Philippines 1101</p>	2	lot	140,000.00	280,000.00

ASTI Bidd. U.P. Technology Park Complex, C.P. Garcia Ave., Diliman, Quezon City, Philippines 1101
 Website: www.asti.dost.gov.ph E-Mail: info@asti.dost.gov.ph Tel. No.s: +632 927-2541, +632 927-3502, +632 426-9759, +632 426-9760
 • Fax No.: +632 925-8598

	<p>Section 18 of the 2016 revised IRR of RA N0. 9184 which provides, "Reference to brand names shall not be allowed except for items and parts that are compatible with the existing fleet or equipment of the same make and brand, and to maintain the performance, functionality and useful life of the equipment."</p> <p>1.4. The ABC includes all applicable government taxes and services charges.</p> <p>1.5. Number of licenses: Two (2) licenses</p> <p>1.6. Duration: 12 months</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Immediate and exclusive access to all new SOLIDWORKS releases and upgrades, live technical support, products, extensive online resources, and enhancement request privileges</p> <p>2.1.1. Automatically receive the latest versions of SOLIDWORKS software when it's released.</p> <p>2.1.2. Full access to live technical support from your local SOLIDWORKS value-added reseller</p> <p>2.2. Access to privileged content on My.SolidWorks.com.</p> <p>2.3. Access to the latest 3D/2D software product plugins.</p> <p>2.4. Exclusive access to latest developments and select Service Packs</p> <p>2.5. Full access to live technical support.</p> <p>2.6. Access to the knowledge base with help documentation, tutorials, training videos, and community support forums</p> <p>3. WARRANTY SERVICE</p> <p>3.1. Access to software features, support, version upgrades, new releases, bugfixes and critical security patches must be made available for one (1) year from the date of user acceptance.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. Upon issuance of NTP, the winning bidder is required to deliver the subscription within five (5) calendar days before the existing subscription expires.</p> <p>5. NOTES</p> <p>5.1. Charging: STRIIDER</p>				
2	<p>PCB Design Commercial License subscription</p> <p>GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Three (3) PCB Design Commercial License Subscriptions.</p> <p>1.2. The Approved Budget for the Contract (ABC) is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. SPECIFICATIONS</p> <p>2.1. Basic Specifications</p> <p>2.1.1. License Type: Private Server</p> <p>2.1.2. Usage Type: Commercial Single Site</p> <p>2.1.3. Software Subscription: One (1) year (including upgrade, updates, and online software support)</p> <p>2.2. Technical Specifications</p> <p>2.2.1. Main Features: Schematic capture, 3D PCB design,</p>	3	lic.	399,100.00	1,197,300.00

FPGA development and release/data management

2.2.2. Create and search for components with the most-up to date pricing and availability from certified suppliers

2.2.3. Verify design with built-in mixed analog/digital circuit simulation (analyze pre- and post-layout signal and DC power delivery)

2.2.4. Viewer: Open, view, and print schematic documents and libraries

2.2.5. Editing: All schematic and schematic library, schematic library documents

2.2.6. Viewer: Open CAM, manufacturing (Gerber, Drill Drawing, OBD++) and mechanical files

2.2.7. Importer (Gerber, ODB++): Import CAM and Mechanical Files

2.2.8. Editor (Gerber, ODB++): Panellise, NC route definition, DRC, export CAM and mechanical files, Netlist extraction, import and reverse-engineering

2.2.9. Import/Export: Supports import and/or export of designs and library data created in other design tools platforms

2.2.10. Library Management: Unified library management based on a single data source for all component models and linked data including 3D models, data sheets, and supplier links.

2.2.11. Includes support for component models, pricing and availability data, managed sheets, and sub-circuits, complete projects, and fabrication/assembly files.

2.2.12. Compatible with simulation technology that offers a single, unified design environment for both simulation and PCB design.

2.2.13. Viewer: Open, view, and print PCB documents. Additionally view and navigate 3D PCBs.

2.2.14. Board Definition and Rules: Place/edit objects on mechanical layers, design rules for high-speed design, user-definable layer stack, design transfer from schematic, position components, real-time manufacturing rule checking.

2.2.15. Layout: High productivity PCB layout editor, support for customizable polygons, board cut-outs, real-time rule checking, design re-use, auto-dimensioning

2.2.16. Interactive & Guided Routing: Interactive, guided routing (Push and Shove, Hugging, and Auto-Complete modes), differential pairs, interactive/auto-placement, pin/part swapping, track glossing, and obstacle avoidance during drag operations.

2.2.17. Publish to PDF/A, print or web with a controlled view of a project's history and dependencies.

2.2.18. Generate Gerber, NC Drill, ODB++, 3D video animations, and STEP files.

2.2.19. Advanced Layer Stack Management: Ability to define multiple, complex layer stacks in a single design with different layer stack sections in different regions of the PCB

2.2.20. Embedded Components: Support embedding components within the PCB stack-up.

2.2.21. Documentation Tool: Create complete documentation for fabrication and assembly in the design workspace. Includes linked PCB design and

<p>documentation data, customizable templates, intuitive mark-up tools, and customizable drawing views.</p> <p>3. TECHNICAL SUPPORT</p> <p>3.1. License Subscription offered must have real-time support, user communities, comprehensive product documentation, training videos, and a knowledge base of targeted solutions for common user experiences.</p> <p>3.2. Technical support must be available 24/5 in all time zones.</p> <p>3.3. Response Time for Ticket/Issue: Average of five (5) hours upon End-user issue/ticket.</p> <p>3.4. Resolution time For Ticket/Issue: Average of six (6) days upon issue/ticket.</p> <p>4. WARRANTY</p> <p>4.1. Access to online software features supports, version upgrades, new releases, bug fixes, and critical security patches must be made available for one (1) year from the date of end-user acceptance.</p> <p>5. PAYMENT AND DELIVERY TERMS</p> <p>5.1. Delivery is within sixty (60) calendar days upon issuance of Notice to Proceed (NTP).</p> <p>5.2. Price must be inclusive of government taxes and other charges.</p> <p>5.3. Payment shall only be made upon certification/acceptance of the end-user that the goods have been delivered in accordance with the terms of this contract.</p>				
<p>3 Mechanical CAD Design Commercial License subscription</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) Mechanical 3D CAD Commercial License Subscription.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Parametric Modeling Drive: Can drive the design intent of model with sketch constraints, dimensions, and intelligent formulas for parameters.</p> <p>2.2 Assembly Modeling: Can evaluate the fit and function of assemblies, checking for interferences while establishing relationships between components.</p> <p>2.3 Drawing Creation: Generates clear, accurate, and detailed drawings swiftly for manufacturing.</p> <p>2.4 Shared View Collaboration: Can collaborate with key stakeholders on designs from any device</p> <p>2.5 Work with non-native Data; Can open designs from other CAD systems directly</p> <p>2.6 BIM Interoperability; Produces a simplified 3D representation of your product</p> <p>2.7 Design Configurations: Can speeds up 3D modeling process by rapidly creating new configurations to designs</p> <p>2.8 Automated Frame Design: Can quickly create and simulate 3D models of weld frame designs</p> <p>2.9 Sheet Metal: Can create design and prepare intricate sheet metal products for manufacturing.</p> <p>2.10 Model-based Definition: Can add 3D dimensions, annotations, and dimensional tolerances directly to 3D model for downstream applications.</p>	1	lic.	178,100.00	178,100.00

<p>2.11 Content Center; Selects standard components from a comprehensive customizable library.</p> <p>2.12 Shape Generator; Must have fine-tune designs with tools that help identify high and low concentrations of stress in 3D model.</p> <p>2.13 Direct Modeling; Uses easy push/pull controls to move, rotate, resize, or scale features from imported geometries.</p> <p>2.14 Freeform Modeling; Can sculpt the shape of the design freely by moving points, edges, and faces.</p> <p>2.15 Mechanical concept and layout design pen DWG™ files directly inside Inventor as the basis for 3D model.</p> <p>2.16 Component generators and calculators; Uses built-in calculators to guide the design of common joints like welds, clamps, and press fits.</p> <p>2.17 Tube and pipe design; Uses a combination of automated tools and full-control design functions in Inventor to build tube and pipe runs.</p> <p>2.18 Fusion 360 interoperability</p> <p>3. TECHNICAL SUPPORT</p> <p>3.1. License subscription offered must have real-time support, user communities, comprehensive product documentation, training videos, and a knowledge base of targeted solutions for common user experiences.</p> <p>3.2. Technical support must be available 24/5 in all time zones.</p> <p>3.3. Response Time for Ticket/Issue: Average of five (5) hours upon End-user issue/ticket.</p> <p>3.4. Resolution Time for Ticket/Issue: Average of six (6) days upon End-user issue/ticket.</p> <p>4. WARRANTY</p> <p>4.1. Access to online software features supports, version upgrades, new releases, bug fixes, and critical security patches must be made available for one (1) year from the date of end-user acceptance.</p> <p>5. PAYMENT AND DELIVERY TERMS</p> <p>5.1. Delivery is within sixty (60) calendar days upon issuance of NTP.</p> <p>5.2. Price must be inclusive of government taxes and other charges.</p> <p>5.3. Payment shall only be made upon certification/acceptance of the end-user that the goods have been delivered in accordance with the terms of this contract.</p>				
<p>4 Numerical Cloud Subscription</p> <p>1. GENERAL OVERVIEW</p> <p>1.1 DOST-ASTI seeks qualified and competent bidders for Numerical Cloud Term-based License Subscription, which is an essential tool for the operations of EPDC in delivering goods and services to clients. Said software is necessary as EPDC staff uses the same to view, edit, and panelize submitted Gerber files of manufacturing clients.</p> <p>1.2 The ABC is inclusive of government taxes and all other applicable charges.</p> <p>2. SPECIFICATIONS</p> <p>2.1 Basic Specifications</p> <p>2.1.1 License Type: Single activation code that can run software products on up to three (3) computers. See</p>	1	lic.	52,800.00	52,800.00

	<p>list in item number 2.2.1. below.</p> <p>2.1.2 Must be compatible with Windows OS.</p> <p>2.1.3 Software Subscription: Twelve (12) months including upgrades, updates, and online software support.</p> <p>2.2. Software Subscription: Twelve (12) months including upgrades, updates, and online software support.</p> <p>2.2.1. CAM Software Package: Gerber Viewing, Editing, Panelization, DFM, DFA, Compare Nets, Build Centroids, DXF, ODB++, 3D</p> <p>2.2.2. Two-way CAD/EDA/3D Conversion Tool</p> <p>2.2.3. 3D STEP and STL Translators: For Simulation, modeling, and 3D printing</p> <p>3. TECHNICAL SUPPORT</p> <p>3.1. License Subscription offered must have real-time support, user communities, comprehensive product documentation, training videos, and a knowledge base of targeted solutions for common user experiences.</p> <p>4. WARRANTY</p> <p>4.1. Access to online software features supports, version upgrades, new releases, bug fixes, and critical security patches must be made available for one (1) year from the date of user acceptance.</p> <p>5. DELIVERY AND PAYMENT</p> <p>5.1. The winning bidder is required to deliver the items to EPDC Bldg., MIRDC Compd., Bicutan, Taguig City within forty-five (45) calendar days upon issuance of NTP.</p> <p>5.2. Price must be inclusive of government taxes and other charges</p> <p>5.3. Payment shall only be made upon certification/acceptance of the end-user that the goods have been delivered in accordance with the terms of this contract.</p>				
5	<p>Software License Subscription to Online Meeting and Event</p> <p>1. Background / Objectives.</p> <p>1.1. Online software platform for conducting online meetings and online events.</p> <p>1.2. Specifications stated herein are minimum requirements, unless otherwise stated.</p> <p>1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Technical Specifications.</p> <p>2.1. Quantity</p> <p>2.1.1. Online Meetings.</p> <p>2.1.1.1. Five (5) licenses.</p> <p>2.1.1.2. Minimum of one hundred (100) participants per license.</p> <p>2.2. License type: Software subscription.</p> <p>2.3. Licensee Account Name: DOST-ASTI Technology Licensing Office (TLO)</p> <p>2.4. Subscription Period</p> <p>2.4.1. Maximum subscription period per license: Twelve (12) months.</p>	1	lot	65,000.00	65,000.00

2.4.2. Proposal should indicate cost of each license (or will otherwise be computed based on total proposal amount).

2.5. License Management

2.5.1. License(s) must be centrally deployed and assignable by DOST-ASTI TLO to its personnel through an administrative account console.

2.5.2. DOST-ASTI TLO shall provide administrative account details to the provider.

2.5.3. Account anniversary date is the date wherein the software subscription license period ends and would therein be the reckoning date for possible future renewal, or new/additional licenses, if any.

2.6. Online Meeting Platform.

2.6.1. Unlimited meetings.

2.6.2. Meeting duration: No 40-minute limit.

2.6.3. Technical support: Ticket and live chat.

2.6.4. Recording: Local and 5 GB cloud (per license).

2.6.5. Telephone dial-In: Toll-based.

2.6.6. Screen sharing.

2.6.7. Breakout rooms.

2.6.8. Virtual background.

2.6.9. Personal Meeting ID.

2.6.10. Team Chat.

2.6.11. Host controls.

2.6.12. Co-Annotation on screen share.

2.6.13. Remote keyboard and mouse control.

2.6.14. Multi-share.

2.6.15. End-to-end encryption for meetings.

2.6.16. Enterprise-grade security.

2.6.17. Waiting room.

2.6.18. Pin multiple people.

2.6.19. Spotlight multiple people.

2.6.20. Filters.

2.6.21. Polling.

2.6.22. Co-host and alternate host.

2.6.23. Assign meeting scheduler.

2.6.24. REST API.

2.6.25. Streaming.

2.6.26. Reporting.

2.6.27. User management.

2.6.28. Automated Captions.

2.6.29. Whiteboards: 3.

2.6.30. Calendar Client

3. Warranty.

3.1. Access to version upgrades, new releases, bugfixes, and critical security patches must be made available during the duration of the subscription period

4. Delivery and Payment.

4.1. License activation is on or before 01 September 2024 after the expiration of current subscription.

4.2. Bid price shall be inclusive of all taxes, delivery, and all other related charges and fees.

	4.3. Payment shall be made only upon activation of the license subscription and certification/acceptance/by the end-user to the effect that the Services have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered or for supplies and materials not yet delivered under this Contract.				
6	<p>Software License Subscription to Softphone</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) Lot of Software License Subscriptions to Softphone (Subscription License Renewal). Softphone allows DOST-ASTI staff to make and receive calls to and from telephone lines of other DOST-ASTI staff, clients, among others, using desktops/laptops and mobile phones. The contract duration shall be for twelve (12) months.</p> <p>1.2. The Approved Budget for the Contract (ABC) is inclusive of all applicable government taxes and service charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. An application software for VoIP calls and conferences using desktop/laptop, web, and mobile phone</p> <p>2.2. Up to 16 concurrent voice/video calls</p> <p>2.3. Up to 100 registered users</p> <p>2.4. Remote collaboration that is secure and reliable</p> <p>2.5. Cloud-based NAT firewall traversal service</p> <p>2.6. Centralized management of remote devices where the softphone is installed</p> <p>2.7. Provides advanced system and device reports</p> <p>2.8. Unlimited calls</p> <p>2.9. At least 2GB cloud storage</p> <p>2.10. Will allow DOST-ASTI staff to call local lines of DOST-ASTI and telephone lines of other institutions and offices, wherever they are located</p> <p>2.11. Compatible with DOST-ASTI existing IPBX appliance Grandstream UCM6302</p> <p>3. TECHNICAL SUPPORT SERVICE</p> <p>3.1. Technical support should be available at least eight (8) hours from Monday to Friday and has the following response times:</p> <p>3.1.1. Application is down: Two (2) business hours</p> <p>3.1.2. Serious degradation: Six (6) business hours</p> <p>3.1.3. Moderate impact: One (1) business day</p> <p>3.1.4. Low impact: One (1) - Two (2) business days</p> <p>3.2. End-user must be able to request technical support by phone, email, or through a website.</p> <p>3.3. With readily accessible documentation and/or instruction manuals.</p> <p>3.4. Access to version upgrades, new releases, bug fixes, and critical security patches, if any, must be made available during the duration of the subscription.</p> <p>4. DELIVERY and PAYMENT TERMS</p>	1	lot	24,200.00	24,200.00

<p>4.1. The price of the bid must be inclusive of government taxes and all applicable fees.</p> <p>4.2. Delivery and activation of the software shall be made by the supplier within fifteen (15) calendar days upon issuance of Notice to Proceed (NTP).</p> <p>4.3. Full payment will only be processed once the items are completely delivered, inspected, and accepted by the end-user.</p>				
TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):				Php 1,797,400.00
RESERVATION CLASE				
<p>The Advanced Science and Technology Institute 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.</p>				

