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

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

IB No:	25-05-028-A		Date:	28 May 2025
PR No:	GAA-25-03-20787 (KMD) GAA-25-03-20794 (EDPC) GAA-25-03-20843 (STRIIDER) GAA-25-05-21023 (RISE) GAA-25-05-21201 (RISE)		Date:	06 March 2025 10 March 2025 14 March 2025 23 April 2025 07 May 2025
	Source of Funds:	GIA and GAA		
	Total ABC:	Php2,627,517.50		
	Time, Date & Venue of Pre-bid Conference:	05 June 2025, 9:00 AM at Videoconferencing (MS Teams)		
	Time and Date of Submission of Bids:	17 June 2025, 9:00 AM (Physical)		
	Time, Date & Venue of Opening Bids:	17 June 2025, 9:30 AM via Blended Meeting Arrangement (ASTI and Videoconferencing)		
	Date of availability of Complete Set of Documents:	29 May 2025		
	Deadline of Potential Bidder's Clarifications:	07 June 2025		
	Deadline of ASTI's Supplemental Bid Bulletin:	10 June 2025		
	Delivery Schedule:	See details below.		

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 information on bid submission, eligibility check, opening and evaluation of bids, post-qualification, and award of contract.

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,

JEFFREY A. ABOROT
BAC Chairperson

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE (₱)	TOTAL PRICE (₱)
1	**RENEWAL NUMERICAL CLOUD SUBSCRIPTION**	2	lic	58,300.00	116,600.00
	1. GENERAL OVERVIEW				

Postal Address : DOST-ASTI Bldg., UP Technology Park Complex
C.P. Garcia Ave., Diliman, Quezon City 1101
Website : www.asti.dost.gov.ph
Tel. Nos. : +63 2 8249 8500
+63 2 8426 9755
Email : info@asti.dost.gov.ph

Page 1 of 19

ver. 1.1

	1.1 DOST-ASTI seeks qualified and competent bidders for Two (2) Licenses 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. 1.2 The Approved Budget for the Contract is inclusive of government taxes and all other applicable charges. 2. SPECIFICATIONS 2.1. Basic Specifications 2.1.1 License Type: Single activation code that can run software products on up to three (3) computers. See list in item number 2.2.1. below. 2.1.2. Must be compatible with Windows OS 2.1.3. Software Subscription: Twelve (12) months including upgrade, updates & online software support 2.2. Software Subscription: Twelve (12) months including upgrades, updates, and online software support. 2.2.1. CAM Software Package: Gerber Viewing, Editing, Panelization, DFM, DFA, Compare Nets, Build Centroids, DXF, ODB++, 3D 2.2.2. Two-way CAD/EDA/3D Conversion Tool 2.2.3. 3D STEP and STL Translators: For Simulation, modeling, and 3D printing 3. TECHNICAL SUPPORT 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. 4. WARRANTY 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. 5. DELIVERY AND PAYMENT 5.1. The winning bidder is required to deliver the items to EPDC Bldg., MIRDC Compound, Bicutan, Taguig City within sixty (60) calendar days upon issuance of Notice to Proceed.				

	5.2. Price must be inclusive of government taxes and other charges. 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. GAA-25-03-20794 (EPDC)				
2	**RENEWAL PCB DESIGN COMMERCIAL LICENSE SUBSCRIPTION**	3	lic	456,000.00	1,368,000.00
	1. GENERAL OVERVIEW 1.1 DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Three (3) Licenses of PCB Design Commercial License Subscription. 1.2. The ABC is inclusive of all applicable government fees, taxes, and other charges. 2. SPECIFICATIONS 2.1. Basic Specifications 2.1.1. License Type: Private Server 2.1.2. Usage Type: Commercial Single Site 2.1.3. Software Subscription: One (1) year (including upgrade, updates, and online software support) 2.2. KEY SPECIFICATIONS 2.2.1. Main Features: Schematic capture, 3D PCB design, 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 discrete 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 documentation data, customizable templates, intuitive mark-up tools, and customizable drawing views. 3. TECHNICAL SUPPORT 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.

3.2. Technical support must be available 24/5 in all time zones.

3.3. Response Time for Ticket/Issue: Average of Five (5) Hours upon End-user raise of Issue/Ticket.

3.4. Resolution time For Ticket/Issue: Average of Six (6) Days upon End-user raise of Issue/Ticket.

4. WARRANTY

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.

5. PAYMENT AND DELIVERY TERMS

5.1. Delivery must be delivered to EPDC Bldg., MIRDC Compd., Bicutan, Taguig City within thirty (30) calendar days upon issuance of NTP.

5.2. Price must be inclusive of government taxes and other charges.

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.

GAA-25-03-20794 (EPDC)

3	SOFTWARE LICENSE SUBSCRIPTION TO SOLID MODELING CAD APPLICATION	1	lot	150,000.00	150,000.00

1. GENERAL OVERVIEW

1.1. DOST-ASTI is seeking qualified and competent bidders for the RENEWAL OF ONE (1) LOT OF ASTI'S EXISTING SOLID MODELING CAD APPLICATION LICENSE, particularly SOLIDWORKS. 1.2. The above subscription service renewal is necessary as the project has an existing Solid Modeling CAD Application used to design 3D models of various modules and mechanical parts for the project.

1.3. The procurement of SOLIDWORKS is pursuant to 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."

1.4. The Approved Budget for the Contract (ABC) includes all applicable government

	taxes and services charges. 1.5. Number of licenses: One (1) license 1.6. Duration: 12 months. 2. TECHNICAL SPECIFICATIONS 2.1. Immediate and exclusive access to all new SOLIDWORKS releases and upgrades, live technical support, products, extensive online resources, and enhancement request privileges 2.1.1. Automatically receive the latest versions of SOLIDWORKS software when it's released. 2.1.2. Full access to live technical support from your local SOLIDWORKS value-added reseller 2.2. Access to privileged content on My.SolidWorks.com. 2.3. Access to the latest 3D/2D software product plugins. 2.4. Exclusive access to latest developments and select Service Packs 2.5. Full access to live technical support. 2.6. Access to the knowledge base with help documentation, tutorials, training videos, and community support forums 3. WARRANTY AND AFTER-SALES SUPPORT 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. 4. DELIVERY AND PAYMENT TERMS 4.1. Upon issuance of Notice of Proceed (NTP), the winning bidder is required to deliver the subscription within five (5) calendar days before the existing subscription expires. GAA-25-03-20843 (STRIIDER)				
4	**SOFTWARE LICENSE SUBSCRIPTION TO SOLID MODELING CAD APPLICATION**	1	lot	520,000.00	520,000.00
	1. GENERAL OVERVIEW 1.1. DOST-ASTI is seeking qualified and competent bidders for the SUPPLY AND DELIVERY OF ONE (1) LOT OF SOLID MODELING CAD APPLICATION LICENSE, particularly SOLIDWORKS Simulation Premium to be used to validate 3D models designed for the project. 1.2. The above software subscription is necessary and being used during the				

research and development under STRIIDER project. 1.3. The procurement of SOLIDWORKS Simulation Premium is pursuant to 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." 1.4. The ABC includes all applicable government taxes and services charges. 1.5. Number of licenses: One (1) license 1.6. Duration: 12 months. 2. TECHNICAL SPECIFICATIONS 2.1. Efficiently evaluate designs for nonlinear and dynamic response, dynamic loading, and composite materials 2.2. Fully integrated in SOLIDWORKS® 3D CAD 2.3. Equipped with features or capable of performing the following: 2.3.1. Finite Element Analysis (FEA) Modelling 2.3.2. Interactions and connectors 2.3.3. Loads and constraints 2.3.4. Stress hot spot diagnostics 2.3.5. Communication with reports and eDrawings 2.3.6. Linear static simulation for assemblies 2.3.7. Time-based motion 2.3.8. Design comparison studies 2.3.9. Trend tracker 2.3.10. Automatic conversion of toolbox fasteners and bolts 2.3.11. Design optimization 2.3.12. Load case manager 2.3.13. Advanced interactions and connectors 2.3.14. Topology optimization studies 2.3.15. Pressure vessel design 2.3.16. 2D simplification 2.3.17. Simulations 2.3.17.1. Event-based motion simulation 2.3.17.2. Frequency simulation 2.3.17.3. Buckling or collapse simulation 2.3.17.4. Thermal simulation 2.3.17.5. Drop test simulation 2.3.17.6. Sub modeling simulation 2.3.17.7. Linear dynamic simulation 2.3.17.8. Nonlinear simulation 2.3.17.9. Composites simulation 3. WARRANTY AND AFTER-SALES SUPPORT				

	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. 4. DELIVERY AND PAYMENT TERMS 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. GAA-25-03-20843 (STRIIDER)				
5	**SOFTWARE LICENSE SUBSCRIPTION TO PDF EDITOR**	10	Lic.	14,291.75	142,917.50
	1. GENERAL OVERVIEW 1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of ten (10) licenses of PDF Editor. The contract's duration shall be for twelve (12) months. 1.2. The ABC is inclusive of all applicable government taxes and service charges. 2. TECHNICAL SPECIFICATIONS 2.1. Total of ten (10) PDF editor licenses which comprise of: 2.1.1. Renewal of DOST-ASTI's five (5) existing licenses; and 2.1.2. Purchase of additional five (5) licenses. 2.2. Subscription period is twelve (12) months 2.3. Edit and modify PDF contents 2.4. Export PDF Content 2.5. Standard and XFA Form Filling 2.6. OCR Text Recognition 2.7. Scan documents directly to PDF file 2.8. Edit scanned documents 2.9. Compare PDF documents 2.10. Design and deploy electronic forms 2.11. Content Management System Integration 2.12. RPA-ready PDF Editor 2.13. Secure PDF documents 2.14. Sign PDF documents 2.15. With accessibility features for people with disabilities 2.16. Cloud-based PDF Editor 2.17. For Windows users, specifically thirty-two (32) bit and sixty-four (64) bit 3. TECHNICAL SUPPORT SERVICE 3.1. Technical support should be available at least eight (8) hours from Monday to				

	Friday and has the following response times:				
	3.1.1. Critical severity: Within one (1) business hour				
	3.1.1.1 Issues where the service components are rendered inoperable				
	3.1.1.2. Critical impact to business operations				
	3.1.1.3. No workaround available				
	3.1.2. High severity: Within four (4) business hours				
	3.1.2.1. The software performance or service operation components severely impaired or degraded				
	3.1.2.2. Significant impact to business operations				
	3.1.3. Medium severity: Within one (1) business day				
	3.1.3.1. Software or service function impaired but operational				
	3.1.3.2. Medium to low business impact				
	3.1.3.3. Workaround available.				
	3.1.4. Low severity: Within two (2) business days				
	3.1.4.1. Request for enhancement				
	3.1.4.2. Little or no business impact				
	3.1.4.3. No immediate resolution required				
	3.1.4.4. Request for general information or questions.				
	3.2. End-users must be able to request technical support by phone, email, or through a website.				
	3.3. With readily accessible documentation and/or instruction manuals.				
	4. DELIVERY and PAYMENT TERMS				
	4.1. The price of the bid must be inclusive of government taxes and all applicable fees.				
	4.2. Subscription period should be activated 30 days upon receipt of Notice to Proceed (NTP).				
	4.3. Full payment will only be processed once the items are completely delivered, inspected, and accepted by the end-user.				
	GAA-25-03-20787 (KMD)				
6	**CREATIVE DESIGN SUITE**	**1**	**lot**	**125,000.00**	**125,000.00**
	1. GENERAL OVERVIEW				
	1.1. DOST-ASTI seeks qualified and competent bidders for the subscription of Creative Design Suite.				
	1.2. The procurement of the above software subscription is pursuant to Section 18 of the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184, which recognizes				

the circumstances where reference to brand names may be allowed, specifically "[for] items or 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." 1.3 The above software subscription is required to meet the project's creative design and content development needs while ensuring compatibility with industry standards. The project has previously utilized this application for design development, ensuring consistency in workflows and outputs. Changing the software may result in compatibility issues, reformatting challenges, and inefficiencies due to the need for retraining and adjustments in design processes. 1.4. The Approved Budget for the Contract includes all applicable government taxes and services charges. 1.5. Credentials of the subscription for renewal will be disclosed to the winning bidder. 2. TECHNICAL SPECIFICATION 2.1 Software Overview 2.1.1. Creative Design Suite: Software suite for graphic design, video editing, web development, photography, motion graphics, animation, and digital publishing. Includes cloud-based and desktop apps for enhanced collaboration and workflow efficiency. 2.2. Core Features 2.2.1. Cross-Platform Compatibility: Works on Windows and macOS. 2.2.2. Cloud Integration: Cloud storage for file management and sharing. 2.2.3. Collaboration Tools: Real-time project collaboration with file versioning. 2.2.4. App Integration: Seamless interaction between suite applications. 2.3. Supported File Formats and Compatibility 2.3.1. Image Editing: <.psd> – Layered image files, <.ai> – Vector graphics, <.pdf> – Portable Document Format. 2.3.2. Video Editing: <.prproj> – Video project files, <.aep> – Video composition, <.fla> – Multimedia animation. 2.3.3. Web Design: <.xd> – UI/UX design files and Web and mobile UI templates. 2.3.4. 3D Design: <.dn> – 3D rendering project files. 2.3.5. Audio Editing: <.sesx> – Audio session files.				

2.3.6. Photography: <.lrcat> – Image catalog files, <.xmp> – Image metadata/cache files. 2.3.7. Publishing: <.indd> – Page layout files, <.cptx> – 2.4. Key Functional Requirements 2.4.1 Cloud-Based Storage: Save, retrieve, and collaborate on files. 2.4.2. Real-Time Collaboration: Simultaneous work and update sharing. 2.4.3. Multi-File Support: Import/export between suite applications. 2.2.4. External File Compatibility: Export to industry-standard formats. 2.2.5. Offline Functionality: Work offline with sync to cloud upon reconnection. 2.5. Security and Data Privacy 2.5.1. Data Encryption: Cloud files and metadata encrypted. 2.5.2. User Authentication: Secure access methods like multi-factor authentication. 2.5.3. Data Redundancy: Backup of project files to ensure data safety. 2.6. User Interface and Experience 2.6.1. Customizable Workspaces: Tailor the workspace to personal preferences. 2.6.2. Multi-Monitor Support: Enhanced productivity for video and design tasks. 2.6.3. Accessibility Features: Includes screen reader support and keyboard shortcuts. 2.7. Performance Requirements 2.7.1. Speed and Responsiveness: Optimized for large file sizes and editing task. 2.7.2. Cloud Sync Speed: Efficient file synchronization with minimal delay. 2.8. Interoperability 2.8.1. API Access: APIs for file import/export, cloud storage, and project management. 2.8.2. Industry Standard Compatibility: Integrates with tools and formats like <.html>, <.mp4>, etc. 2.9. Documentation and Support 2.9.1. User Guides: Comprehensive documentation for file format handling and editing instructions. 2.10. Inclusions 2.10.1. Creative Design Suite 2.10.1.1. Team License 2.10.1.2. Subscription for two (2) users for a duration of one (1) year, commencing from the date of successful installation and activation of the software. 2.10.1.3. Technical Support – Optional 3. PAYMENT AND DELIVERY TERMS				

	3.1. Service provider must deliver the subscription within thirty (30) calendar days of issuance of Notice to Proceed. 3.2. Price must be inclusive of government taxes and all other applicable charges. GAA-25-04-21023 (RISE)				
7	**VISUAL WEB DEVELOPMENT AND DESIGN PLATFORM**	1	lot	27,000.00	27,000.00
	1. GENERAL OVERVIEW 1.1. DOST-ASTI seeks qualified and competent bidders for the subscription of Visual Web Development and Design Platform. 1.2. The procurement of the above software subscription is pursuant to Section 18 of the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184, which recognizes the circumstances where reference to brand names may be allowed, specifically "[for] items or parts that are compatible with the existing fleet or equipment of the same make and brand, and to maintain performance, functionality and useful life of the equipment." 1.3. The above software subscription is required to meet the project's web development and UI/UX design needs while ensuring compatibility with industry standards. This application has been previously used for interface prototyping and web development, streamlining collaboration and maintaining design uniformity. Switching to a different platform may lead to inconsistencies in design files, workflow disruptions, and potential integration issues with existing projects. 1.4. The Approved Budget for the Contract includes all applicable government taxes and services charges. 1.5. Credentials of the subscription for renewal will be disclosed to the winning bidder. 2. TECHNICAL SPECIFICATION 2.1. Software Overview 2.1.1. Visual Web Development and Design Platform: Professional software for fast, flexible HTML, CSS, and JavaScript coding, as well as responsive website design with visual and code editing tools. 2.2. Core Features 2.2.1. HTML, CSS, and SASS Editing: Visual and live editing tools for HTML, CSS, SASS, and LESS with a CSS Grid editor.				

	2.2.2. Web Layout Tools: Smart drag-and-drop, code editor for direct edits alongside visual design. 2.2.3. Responsive Design: Multi-page editing, media query tools, and device presets for testing layouts. 2.2.4. Framework Support: Visual tools for frameworks (e.g., Bootstrap, Foundation, Tailwind) and dynamic components. 2.2.5. Reusable Components: Creation of editable components and master pages for template consistency. 2.2.6. CMS Mode: Use as a CMS for static websites with editable components. 2.2.7. Mockups and Prototyping: Quick mockup assembly and layout variations. 2.2.8. Live Preview: Real-time preview across pages with synchronized styles. 2.3. Advanced Features 2.3.1. Project Management: Manage reusable blocks, real-time updates across pages. 2.3.2. Code Snippets and Templates: Generate and customize common snippets, manage templates. 2.3.3. Development Sync: Integration with code editors like Atom and VS Code. 2.3.4. Version Control: Full Git integration for source control and team collaboration. 2.3.5. Customizable UI: Flexible interface layout to suit user preferences. 2.4. Security and Compliance 2.4.1. Data Privacy: Ensure project privacy and security in compliance with data protection standards. 2.4.2. Version Control: Integration with Git for secure collaboration and version management. 2.5. System Performance 2.5.1. Real-Time Editing: Instant live preview of user edits. 2.5.2. Cross-Device Compatibility: Design adapts across various screen sizes. 2.6. Support and Maintenance 2.6.1. Technical Support: Access to documentation and troubleshooting guides. 2.6.2. Collaboration Tools: Integrate with collaboration platforms for seamless project sharing. 2.7. Integration Requirements 2.7.1. Code Editor Integration: Sync with Atom, VS Code, etc. 2.7.2. Framework Support: Full framework integration for Bootstrap, Tailwind, and others. 2.7.3. Cloud Storage Integration: Support for cloud storage platforms. 2.8. Inclusions				

	2.8.1. Visual Web Development and Design Platform 2.8.1.1 Professional License 2.8.1.2. Subscription for three (3) users for a duration of one (1) year, commencing from date of successful installation and activation of the software. 2.8.1.3. Technical Support – Optional 3. PAYMENT AND DELIVERY TERMS 3.1. Service provider must deliver the subscription within thirty (30) calendar days of issuance of Notice to Proceed. 3.2. Price must be inclusive of government taxes and all other applicable charges. [RDD-RISE_GAA-25-04-21023]				
8	**COLLABORATIVE LATEX EDITOR**	1	lot	130,000.00	130,000.00
	1. GENERAL OVERVIEW 1.1. DOST-ASTI seeks qualified and competent bidders for the subscription of Creative Design Suite. 1.2. The procurement of the above software subscription is pursuant to Section 18 of the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184, which recognizes the circumstances where reference to brand names may be allowed, specifically "[for] items or 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." 1.3. The above software subscription is required to meet the project's collaborative document preparation and scientific writing needs while ensuring compatibility with industry standards. The project has relied on this application for structured document formatting, ensuring seamless collaboration among team members. A change in software could Introduce formatting inconsistencies, version control difficulties, and inefficiencies in document management. 1.4. The Approved Budget for the Contract includes all applicable government taxes and services charges. 1.5. Credentials of the subscription for renewal will be disclosed to the winning bidder. 2. TECHNICAL SPECIFICATION 2.1. Software Overview 2.1.1. Collaborative LaTeX Editor - Cloud-based solution for scientific writing with collaboration, real-time editing, and integration with bibliographic tools.				

	2.2. Core Features 2.2.1 Editors: Visual and LaTeX code editors with seamless switching. 2.2.2. Document Formatting: LaTeX typesetting, table/figure insertion. 2.2.3. Templates: Pre-configured templates for various writing needs. 2.2.4. Bibliography Management: Integration with Mendeley, Zotero, etc. 2.2.5. Collaboration: Real-time editing, commenting, track changes. 2.2.6. Version Control: History, comparison, and download options. 2.2.7. Track Changes: Real-time edits by collaborators. 2.2.8. Symbol Palette: Easy insertion of math symbols. 2.3. Security and Compliance 2.3.1. Data Privacy: Compliance with data protection regulations. 2.3.2. Collaboration Control: Admin permissions for document access. 2.4. System Performance 2.4.1. Compile Speed: 12x faster compile servers. 2.5.1. Unlimited Projects/Collaborators: No restrictions on projects or collaborators. 2.5. Support and Maintenance 2.5.1. Documentation: User guides, FAQs, and video tutorials. 2.6. Integration Requirements 2.6.1. Git/GitHub: Version control integration. 2.6.2. Cloud Storage: Dropbox and other cloud integrations. 2.6.3. Bibliography Tools: Integration with citation management tools. 2.7. Inclusions 2.7.1. Collaborative LaTeX Editor 2.7.1.1. Professional License 2.7.1.2. Subscription for three (3) users for a duration of one (1) year, commencing from the date of successful installation and activation of the software. 2.7.1.3 Technical Support – Optional 3. PAYMENT AND DELIVERY TERMS 3.1. Service provider must deliver the subscription within thirty (30) calendar days of issuance of Notice to Proceed. 3.2. Price must be inclusive of government taxes and all other applicable charges. GAA-25-04-21023 (RISE)				
9	**UI/UX DESIGN PLATFORM**	1	lot	48,000.00	48,000.00
	1. GENERAL OVERVIEW 1.1. DOST-ASTI seeks qualified and competent bidders for the subscription of UI/UX Design Platform.				

ver. 1.1

1.2. The procurement of the above software subscription is pursuant to Section 18 of the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184, which recognizes the circumstances where reference to brand names may be allowed, specifically "[for] items or 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." 1.3. The above software subscription is necessary to support the project's interface design requirements and ensure alignment with industry standards. The project has previously relied on this platform for developing user interfaces, enabling consistency in design outputs and development workflows. Transitioning to a different tool may result in compatibility issues, disruption of established processes, and inefficiencies due to the need for reformatting and retraining. 1.4. The Approved Budget for the Contract (ABC) includes all applicable government taxes and services charges. 1.5. Credentials of the subscription for renewal will be disclosed to the winning bidder. 2. TECHNICAL SPECIFICATION 2.1. Software Overview 2.1.1. A cloud-based platform for interface design, prototyping, developer handoff, whiteboarding, and interactive presentations, with real-time multi-user collaboration. 2.1.2. Design & Prototyping A visual design environment for creating user interfaces and interactive prototypes, with support for reusable components, responsive layouts, and advanced animations. 2.1.2.1. Vector editing tools (shapes, layers, constraints, grids). 2.1.2.2. Auto layout for responsive design. 2.1.2.3. Components and style libraries. 2.1.2.4. Design variables and theming with multiple modes. 2.1.2.5. Interactive prototyping with overlays, transitions, and animations. 2.1.2.6. Conditional logic, expressions, and variable manipulation in prototypes. 2.1.2.7. Embedded video and responsive preview capabilities. 2.1.2.8. UI kits, annotations, and inspection tools. 2.1.3. Developer Handoff A dedicated workspace for developers to inspect designs, access code snippets, export				

| | assets, and track version history for efficient implementation.
2.1.3.1. Inspect element properties, spacing, and styles.
2.1.3.2. Export assets (PNG, JPG, SVG, PDF).
2.1.3.3. Access component code and version comparisons.
2.1.3.4. Mark items as ready for development.
2.1.3.5. Add developer documentation and links.
2.1.3.6. Support for extensions in development environments.
2.1.4. Whiteboarding An interactive digital whiteboard for collaborative brainstorming, planning, and system mapping with real-time engagement features.
2.1.4.1. Tools for tables, diagrams, code blocks, and sticky notes.
2.1.4.2. Reactions, timers, music, and live voting.
2.1.4.3. AI-powered features to summarize, sort, and generate templates.
2.1.4.4. Public session access without requiring login.
2.1.5. Presentations A presentation tool integrated with design and whiteboarding workflows, supporting live demos, embedded media, and AI-generated content.
2.1.5.1. Create and present slide decks with transitions and animations.
2.1.5.2. Embed interactive prototypes and YouTube videos.
2.1.5.3. AI-generated outlines, presenter notes, and tone adjustments.
2.1.5.4. Import/export PowerPoint files and present them offline.
2.1.6. Collaboration & Access Tools for seamless, real-time teamwork across teams and stakeholders, with full control over access and user experience.
2.1.6.1. Live multi-user editing and cursor presence.
2.1.6.2. Comments, audio conversations, and spotlight mode.
2.1.6.3. Observation mode and in-file chat.
2.1.6.4. Shareable links with role-based permissions and password protection.
2.1.7. File Management & Storage Cloud-based storage and version control for secure, organized access to design, whiteboard, and presentation files. 2.1.7.1. Unlimited cloud storage.
2.1.7.2. Import/export common file types (Sketch, PNG, JPG, PDF, CSV).
2.1.7.3. Auto-save with labeled version history. | | | | |

2.1.8. Integration & Extensibility APIs, plugins, and integrations to connect the platform with external tools and extend its capabilities. 2.1.8.1. REST APIs and webhooks for workflow automation. 2.1.8.2. Plugin and widget support for customization. 2.1.8.3. Integration with tools like Jira, Slack, Dropbox, etc. 2.1.9. Security Enterprise-grade security controls for safe collaboration, data protection, and compliance. 2.1.9.1. Role-based access and password-protected sharing. 2.1.9.2. Encryption at rest and in transit. 2.1.9.3. Private workspaces and audit logs for activity tracking. 2.1.10. Inclusions 2.1.10.1. UI/UX Design Platform 2.1.10.2. Professional License 2.1.10.3. Subscription for three (3) users for a duration of one (1) year, commencing from the date of successful installation and activation of the software. 2.1.10.4. Technical Support – Optional 3. PAYMENT AND DELIVERY TERMS 3.1. Service provider must deliver the subscription within thirty (30) calendar days upon issuance of Notice to Proceed (NTP). 3.2. Price must be inclusive of government taxes and all other applicable charges. GAA-25-05-21201 (RISE)				

TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):	Php2,627,517.50

RESERVATION CLAUSE
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.

ver. 1.1