



Republic of the Philippines  
**DEPARTMENT OF SCIENCE AND TECHNOLOGY**  
**ADVANCED SCIENCE AND TECHNOLOGY INSTITUTE**



ASTI-FM 03-17  
 REV 3 / 10 October 2023

**PURCHASE ORDER**

<b>Supplier:</b>	<b>JASSEN HARRIS INDUSTRIES CORP.</b>	<b>PO No.:</b>	<b>24-03-047</b>
<b>Address:</b>	<b>1063 Tomas Mapua St., Brgy. 329 Zone 33, Sta. Cruz, Manila</b>	<b>PO Date:</b>	<b>March 22, 2024</b>
<b>TIN:</b>	<b>009-248-102-000</b>	<b>Mode of Procurement:</b>	<b>Competitive Bidding</b>

Gentleman:

Please furnish this Office the following articles subject to the terms and conditions contained herein:

<b>Place of Delivery:</b>	<b>ASTI Bldg., C.P. Garcia Ave., U.P. Technology Park Complex, U.P. Campus, Diliman, Quezon City 1101</b>	<b>Delivery Term:</b>	<b>Provided for under description</b>
<b>Date of Delivery:</b>	_____	<b>Payment Term:</b>	<b>Government Terms</b>
		<b>Warranty Term:</b>	_____

Stock / Property No.	Unit	Description	Quantity	Unit Cost	Amount
1	License	<p><b>PCB Design Commercial License subscription</b>  <b>GENERAL OVERVIEW</b>            1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Three (3) PCB Design Commercial License Subscriptions.            1.2. The Approved Budget for the Contract (ABC) is inclusive of all applicable government fees, taxes, and other charges.</p> <p><b>2. SPECIFICATIONS</b>            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)</p> <p>2.2. Technical 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,</p>	3	P399,000.00	P1,197,000.00 <i>other subscription</i>

Postal Address : ASTI Bldg., U.P. Technology Park Complex, CP Garcia Ave., Diliman, Quezon City 1101  
 Website : www.asti.dost.gov.ph  
 Email : info@asti.dost.gov.ph

Tel No. : +632 8249-8500  
 +632 8426-9755

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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 issue/ticket.

3.4. Resolution time For Ticket/Issue: Average of six (6) days upon 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 end-user acceptance.



		<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>(Please see attached offer.)</p>			
2	License	<p><b>Mechanical CAD Design Commercial License subscription</b></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> <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>	1	P178,000.00	P178,000.00 <i>other subscription</i>

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		<p>2.18 Fusion 360 interoperability</p> <p><b>3. TECHNICAL SUPPORT</b></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><b>4. WARRANTY</b></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><b>5. PAYMENT AND DELIVERY TERMS</b></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>(Please see attached offer.)</p>			
3	License	<p><b>Numerical Cloud Subscription</b></p> <p><b>1. GENERAL OVERVIEW</b></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><b>2. SPECIFICATIONS</b></p> <p><b>2.1 Basic Specifications</b></p> <p>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.</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><b>2.2. Software Subscription: Twelve (12) months including upgrades, updates, and online software support.</b></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><b>3. TECHNICAL SUPPORT</b></p>	1	P52,000.00	P52,000.00 100 Software

EPDC



		<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 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 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. 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.</p> <p>(Please see attached offer.)</p>			
4	Lot	<p><b>Software License Subscription to Online Meeting and Event Platform</b></p> <p>1. Background / Objectives. 1.1. Online software platform for conducting online meetings and online events. 1.2. Specifications stated herein are minimum requirements, unless otherwise stated. 1.3. Offers of equivalent or better specifications are acceptable.</p> <p>2. Technical Specifications. 2.1. Quantity 2.1.1. Online Meetings. 2.1.1.1. Five (5) licenses. 2.1.1.2. Minimum of one hundred (100) participants per license. 2.2. License type: Software subscription. 2.3. Licensee Account Name: DOST-ASTI Technology Licensing Office (TLO) 2.4. Subscription Period 2.4.1. Maximum subscription period per license: Twelve (12) months. 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.</p>	1	P60,000.00	P60,000.00 <i>ICT Software</i>

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		<p>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</p> <p>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.</p> <p>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.</p> <p>(Please see attached offer.)</p>			
5	Lot	<p><b>Software License Subscription to Softphone</b>  1. GENERAL OVERVIEW  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-ATSI staff, clients, among others, using desktops/laptops and mobile phones. The contract duration shall be for twelve (12) months.  1.2. The Approved Budget for the Contract (ABC) is inclusive of all applicable government taxes and service charges.</p> <p>2. TECHNICAL SPECIFICATIONS  2.1. An application software for VoIP calls and conferences using desktop/laptop, web, and mobile phone  2.2. Up to 16 concurrent voice/video calls  2.3. Up to 100 registered users  2.4. Remote collaboration that is secure and reliable  2.5. Cloud-based NAT firewall traversal service  2.6. Centralized management of remote devices</p>	1	P24,000.00	P24,000.00 IT Support ICC Software




	<p>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's existing PBX appliance Grandstream UCM6302</p> <p><b>3. TECHNICAL SUPPORT SERVICE</b></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><b>4. DELIVERY and PAYMENT TERMS</b></p> <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> <p>(Please see attached offer.)</p>			
			<b>TOTAL:</b>	<b>P1,511,000.00</b>
<b>(Total Amount in Words)</b>			<b>One Million Five Hundred Eleven Thousand Pesos Only</b>	

The contract price is inclusive of taxes and other fees or charges. In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on the undelivered item/s. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, DOST-ASTI may rescind or terminate the contract, without prejudice to other courses of action and remedies available under the circumstances and in accordance with the provisions of the latest implementing rules and regulations of RA 9184.

Conforme:

Very Truly Yours,


\_\_\_\_\_  
(Signature over Printed Name of Supplier)

  
**FRANZ A. DE LEON, Ph.D.**  
Director, DOST-ASTI

Digitally signed  
by Benjamín S. Lara

\_\_\_\_\_  
(Date)

01101012024-04-000197  
01101012024-04-000196

<b>Fund Cluster:</b>	01	ORS / BURS No.: 01101012024-04-000195
	PHP 1,427,000.00	ORS / BURS Date: April 1, 2024
<b>Funds Available:</b>	60,000.00	Amount: P 1,511,000.00
	24,000.00	
<p> <b>GAY CONCEPCION S. BUGAGAO</b> Accountant III</p>		



22 March 2024

**NOTICE TO PROCEED**  
**PUBLIC BIDDING**

**Mr. MIKE JASSEN T. SY**  
 President  
**JASSEN HARRIS INDUSTRIES CORP.**  
 1063 Tomas Mapua St.  
 Brgy. 329 Zone 33, Sta. Cruz Manila 1014

Dear Mr. Sy,

Notice is hereby given to **JASSEN HARRIS INDUSTRIES CORP.** that work/delivery may proceed for the following procurement details:

	Contract Name	: <b>Supply and Delivery of Three (3) Licenses PCB Design Commercial License Subscription and Other Items</b>
	Purchase Request No.	: <b>GAA-24-01-18536   GAA-24-01-18538   GAA-24-01-18570</b>
	Purchase / Work Order No.	: <b>24-03-047</b>
	Total Contract Price	: <b>₱1,511,000.00</b>
(inclusive of taxes, import duties and all other charges or fees)		
	Total Contract Price in Words	: <b>One Million Five Hundred Eleven Thousand Pesos</b>

Upon signing receipt of this Notice, you are responsible for performing the services under the terms and conditions of the Agreement/Purchase Order/Work Order and in accordance with the schedule of requirements/delivery schedule.

You are also hereby required to file a Warranty Security for a minimum period of three (3) months, in the case of Expendable Supplies, or a minimum period of one (1) year, in the case of Non-Expendable Supplies, after acceptance by the Procuring Entity of the delivered supplies. It shall be covered by either retention money in an amount equivalent to at least five percent (5%) of every progress payment, or a special bank guarantee equivalent to at least five percent (5%) of the total contract price. The said amounts shall only be released after the lapse of the warranty period or, in the case of Expendable Supplies, after consumption thereof: Provided, however, That the supplies delivered are free from patent and latent defects and all the conditions imposed under the contract have been fully met.

Note that failure to comply with the above requirements and failure to perform the services under the terms and conditions of the Agreement/Purchase Order/Work Order may constitute grounds for its forfeiture.

Please acknowledge receipt and acceptance of this Notice by signing in the space provided below. There are two (2) copies of this document; you may keep one copy and return the other to the Bids and Awards Committee (BAC) Secretariat of the Advanced Science and Technology Institute. Should you have any questions or clarifications, you may reach us at bac-sec@asti.dost.gov.ph.

Respectfully,

  
**FRANZ A. DE LEON, Ph.D.**  
 Director

Digitally signed  
 by Franz A. De Leon  
 DN: cn=Benjamin R. Lara

**DATE OF ISSUANCE:**

**APR 02 2024**

**RECEIVED BY:**

Signature over Printed Name

Date and Time

**WARRANTY SECURITY**

Type of Warranty Security:

Amount of Warranty Security: **₱**

O.R. No.:

Postal Address : ASTI Bldg., U.P. Technology Park Complex,  
 CP Garcia Ave, Diliman, Quezon City 1101  
 Website : [www.asli.dost.gov.ph](http://www.asli.dost.gov.ph)  
 Email : [info@asti.dost.gov.ph](mailto:info@asti.dost.gov.ph)

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