

BUS 2023-12-0067



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



PURCHASE ORDER

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

Supplier:	MYBUSYBEE INC.	PO No.:	SRA-WAP-23-12-001
Address:	Unit 7 G/F Burgundy Place Condominium, 174-B Gonzales, Loyola Heights, Quezon City	PO Date:	December 21, 2023
TIN:	008-248-650-000	Mode of Procurement:	Competitive Bidding

Gentleman:

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

Place of Delivery: ASTI Bldg., C.P. Garcia Ave., U.P. Technology Park Complex, U.P. Campus, Diliman, Quezon City 1101

Delivery Term: One hundred twenty (120) calendar days upon the issuance of NTP

Date of Delivery: _____

Payment Term: Government Terms

Warranty Term: _____

Stock / Property No.	Unit	Description	Quantity	Unit Cost	Amount
1	Lot	<p>Design and Development of Web Platform General Overview</p> <p>1.1 The SRA-WAP Project is seeking qualified and competent bidders for the Supply and Delivery of One (1) Lot Web Portal.</p> <p>1.2 The web portal shall be maintained and operated by DOST-ASTI, to visualize outputs of sugarcane plantation, mapping, and sugarcane yield estimation, to be used by the Sugar Regulatory Administration (SRA).</p> <p>2. Technical Specifications</p> <p>2.1. The web platform must have a Home Page that consists of the following elements:</p> <p>2.1.1. Home Page Header: A header on the home page containing the following:</p> <p>2.1.1.1. Logos of Sugar Regulatory Administration, Philippine Transparency Seal, DOST-ASTI and other logos as indicated by the end-user</p> <p>2.1.1.2. Date and Time</p> <p>2.1.1.3. Title of the web page as indicated by the end-user</p> <p>2.1.2. A dynamic photo carousel with photos as provided by the end-user</p> <p>2.1.3. Updates Teaser Panel: A panel for announcements that may contain the following:</p> <p>2.1.3.1. Thumbnail or Hero Image</p> <p>2.1.3.2. Title, date and short description</p> <p>2.1.3.3. Read more button and link</p> <p>2.1.4. About Us: A static part of the home page about SRA and Sugarcane Mapping</p> <p>2.1.5. Features: Summary of features of the platform</p> <p>2.2. The web platform must have a Layer Visualization Panel or Dashboard, which enables users to display or visualize geospatial datasets selected in the Layer Selection Panel.</p>	1	P1,070,000.00	P1,070,000.00

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

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

2.2.1. Has a Map interface:

- 2.2.1.1. an interactive map with basic map elements
 - 2.2.1.2. has simple map functions like zooming in/out of a specific point, selecting specific layers, etc.
 - 2.2.1.3. provide an option to generate downloadable reports for the LGU selected or highlighted directly on the map
 - 2.2.1.4. When highlighting or selecting a Local Government Unit (LGU) on the map, it will display a pop-up window showing a quick summary or highlights of data like current extents of sugarcane, yield estimates, etc.
- 2.2.2. Integrate an option to search and select for specific areas or LGU with available SRA datasets.
- 2.2.3. Can show timelapse of layers of available historical datasets based on selected dates/years, which can be run automatically or manually.
- 2.2.4 Has a slider to compare layers on selected dates (before-after)
- 2.2.5 Can digitize features

2.3. Layer Selection Panel

2.3.1. Shows a list of the available and updated layers/datasets and allows users to select which layers to be viewed or displayed on the Layer Visualization Panel or Dashboard. These datasets include:

- 2.3.1.1. Basemap of the entire country
- 2.3.1.2. Political boundaries (Municipality)
- 2.3.1.3. Mapped sugarcane extents (with options for date/year selections)
- 2.3.1.4. Sugarcane yield estimates (with options for date/year selections)
- 2.3.1.5. Location of AWS Sites and data:
 - 2.3.1.5.1. Current weather from SRA AWS – Solar Radiation, Precipitation, Vapor Pressure, Relative Humidity, Air Temperature and Soil Moisture
 - 2.3.1.5.2. Historical data graph of rainfall and solar radiation (display on the mill district assigned on the user)
- 2.3.1.6. Other relevant datasets if available:
 - 2.3.1.6.1. Location of SRA Offices (MD and RDE)
 - 2.3.1.6.2. Location of Sugar Mills Sites
 - 2.3.1.6.3. Count of available Tractors and Machineries per location or site (e.g., barangay)
 - 2.3.1.6.4. Historical graph data of Global Agricultural Monitoring Data
 - 2.3.1.6.5. Graphical Data from JAXA's JASMIN satellite based on monitoring network system for FAO Market Monitoring.
 - 2.3.1.6.6. Elevation, Slope, Soil Textures maps
 - 2.3.1.6.7. User provided geotagged pictures on site (optional)

2.3.2. Check or drop-down buttons that are used to select layers to be displayed:

- 2.3.2.1. Buttons for summary/report generation on identified layers
- 2.3.2.2. If reports are to be generated:
 - 2.3.2.2.1. A pop-up window will appear for the review of the summary/report to be generated.
 - 2.3.2.2.2. User has the option to select the specific areas (i.e., barangays, city/municipalities, provinces) covered in the report
 - 2.3.2.2.3. Reports should include a simple overview map of the selected LGU, and a tabular

2. assessment

summary of the current and historical estimated yields per LGU, etc.

2.3.2.2.4. Reports must follow a provided standard format and paper size for uniformity, and can be downloaded as a pdf.

2.4. User Management: Roles and levels of access should be designated using the platform

2.4.1. System administrators: Full access to and management of the system.

2.4.2. Mill district officers: Can access and manage data and layers within their mill districts

2.4.3. Planters/Contributors: Can view specific data and layers, as well as digitize and upload data within their respective mill districts

2.4.4. Regular Users Can only access the Dashboard and map interface modules

2.5. Other Standard Pages and Features

2.5.1. Cookie Notification

2.5.2. Error 404

2.5.3. Privacy Policy

2.5.4. Admin Login

2.5.5. Header and Footer

2.5.6. Search bar

2.5.7. Sign-up or Log-in to Portal

2.5.8. Contact Us

2.6. General specifications:

2.6.1. The backend of the site must be built using Node.JS.

2.6.2. The frontend of the site must be built using Next.JS.

2.6.3. The supplier must have prior experience with systems using satellite data. The supplier must provide proof of having experience on systems using satellite data prior during the bidding process.

3. Security Features

3.1. Administrators must be able to view, assess, accept and reject requests from end-users

3.2. Must contain modules for User and Profile Management; should support basic features such as user creation, login and logout and password retrieval

3.3. Must allow for role and permission management for different users

3.4. Must implement SSL protocol for encrypted connections

4. Timeline, testing, turnover and documentation

4.1. The supplier must submit the first draft of the design mock-up within fourteen (14) calendar days after issuance of Notice to Proceed (NTP).

4.2. Upon the end-user's approval of the design mock-up, the supplier has ninety (90) calendar days to submit the first draft of the website.

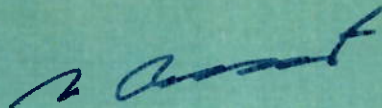
4.3. The end-user has two (2) weeks of trial period upon submission of the website's first draft. During this time period up until the completion of delivery, the supplier must provide the end-user with unlimited service for bug fixes.

4.4. The supplier shall provide training and manuals on basic editing of the website's content as well as publishing new materials.

4.5. The supplier shall provide a training and training manual including the program flow of the source code of the website.

4.6. The supplier shall coordinate with DOST-ASTI on the hosting of the website.

4.7. The source code shall be transferred to the end-user upon completion of the website.



5. Other Requirements

5.1. The end-user shall provide the supplier with the necessary content for the website; however, the supplier must be able to create/design new vector graphics as needed.

5.2. The supplier must dedicate at least ten (10) personnel to the development of the website, with one (1) in direct coordination with the end-user for the smooth development of the website.

5.3. Signed Non-disclosure Agreement (NDA)

5.3.1. The NDA shall be drafted by the end-user to be signed by the winning bidder.

5.3.2. Notarization expenses, if any, shall be shouldered by the supplier.

6. Billing/Payment Terms

6.1. Price quotation/s must be inclusive of all applicable taxes and charges.

6.2. Progress billing is allowed. The following are the milestones required for each billing.

6.2.1. Twenty percent (20%) of the contract price will be paid after the finalization of the design mock-up of the website.

6.2.2. The remaining fifty percent (50%) of the contract price will be paid upon the completion of the first draft of the website

6.2.3. The remaining thirty percent (30%) of the contract price will be paid upon the completion of the trial run, turnover of the website and completion of all the other requirements in this contract.

6.3. Payment shall be made only upon certification /acceptance of 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.

6.4. Advance payment is not allowed. No payment shall be made for services not yet rendered.

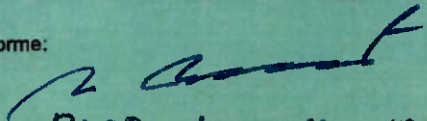
6.5. Delivery and completion of the requested output shall be made within a maximum period of one hundred twenty (120) calendar days upon the issuance of NTP.

(Please see attached offer.)

			TOTAL:	P1,070,000.00
(Total Amount in Words)			One Million Seventy Thousand Pesos Only	

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:



RICO M. HERNANDEZ
(Signature over Printed Name of Supplier)

DECEMBER 22, 2023
(Date)

Very Truly Yours,


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

Digitally signed by Franz A. De Leon

Fund Cluster:	07	ORS / BURS No.:	07308/01-2023-12-00017
Funds Available:	PHP 1,070,000.00	ORS / BURS Date:	DECEMBER 21, 2023
		Amount:	₱1,070,000.00
 GAY CONCEPCION S. BUGAGAO Accountant III			

Accountant



21 December 2023

NOTICE TO PROCEED
PUBLIC BIDDING

Mr. RICO M. HERNANDEZ
 Chief Executive Officer
MYBUSYBEE INC.
 Unit 7 G/F Burgundy Place Condominium
 174-B Gonzales, Loyola Heights
 Quezon City

Dear Mr. Hernandez,

Notice is hereby given to **MYBUSYBEE INC.** that work/delivery may proceed for the following procurement details:

Contract Name	: Supply and Delivery of One (1) Lot Design and Development of Web Platform
Purchase Request No.	: SRA-WAP-23-09-17526
Purchase / Work Order No.	: SRA-WAP-23-12-001
Total Contract Price	: Php 1,070,000.00
(inclusive of taxes, import duties and all other charges or fees)	
Total Contract Price in Words	: One Million Seventy Thousand Pesos

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 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

DATE OF ISSUANCE:
DEC 22 2023

RECEIVED BY:

RICO M. HERNANDEZ
 Signature over Printed Name

DECEMBER 22, 2023
 Date and Time

WARRANTY SECURITY

Type of Warranty Security: _____
 Amount of Warranty Security: **Php** _____
 O.R. No.: _____

Postal Address : ASTI Bldg., U.P. Technology Park Complex,
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REV 3 / 05 October 2023