



Republic of the Philippines  
QUEZON CITY GOVERNMENT



PO Number **2411332**

Purchase Order Date: **DEC 10 2024**

Procuring Unit	: QUEZON CITY DISASTER RISK REDUCTION AND MANAGEMENT OFFICE	Project Number	: QCDRRMO-24-EHSE-1725
Company Name	: JENANT TECHNOLOGY SYSTEMS INTEGRATION AND MAINTENANCE SERVICES OPC	Mode of Procurement	: Public Bidding
Address	: 3F C&C Business Center, 235 Aguirre Ave., BF Homes, Paranaque City	Resolution No.	: 24-PB-1000
Business Type	: Corporation Registration # 2023020087012-22	TIN Number	: 010-734-021-00000
		Contact Number	: 09176590333

**Sir/Madam:**  
Please furnish this office the following articles subject to the terms and conditions contained here:

**Place of Delivery :** Upon end-user's instruction subject to proper coordination with CGSD  
**Delivery Schedule :** Thirty (30) Calendar Days  
**Payment Term :** Credit

Stock No.	Item	Unit of Issue	QTY	Unit Cost	Amount
	<ul style="list-style-type: none"> <li>· Historical date must be stored in the existing QCDRRMO database with redundancy on the ITDD database.</li> <li>· License</li> <li>· Perpetual integration license with three (3) years technical support and maintenance</li> <li>· One (1) Meteorologist, Two (2) Data Scientists, and Two (2) field staffs for technical support and training</li> <li>4) SENSOR INSTALLATION               <ul style="list-style-type: none"> <li>· Four (4) Location</li> <li>· Site Survey</li> <li>· Installation and Calibration</li> <li>· Engineering works</li> </ul> </li> <li>5) TRAINING               <ul style="list-style-type: none"> <li>· One (1) day end user orientation for processing of datasets, and analysis of datasets</li> <li>· All training will have eight (8) hours per day with five (5) attendees</li> </ul> </li> </ul> (With attached Terms of Reference which will form an integral part of this Purchase Order)				

**Total Amount : 6,430,000.00**

Total Amount In Words (Pesos): Six Million Four Hundred Thirty Thousand Pesos and 00/100 Only

Obligation Request : **NA-2024-12-13055**

Approved Budget for the Contract : 6,432,275.00

Funds Available:

**RUBY G. MANANGU**  
City Accountant



**JENANT A. ANTONO**  
Signature Over Printed Name  
Supplier / Date 12/10/24

**MA. JOSEFINA G. BELMONTE**  
City Mayor



Republic of the Philippines  
QUEZON CITY GOVERNMENT



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1	<p>SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF AUTOMATED RAIN GAUGES FOR LOCALIZE RAIN MONITORING AND NOWCASTING</p> <p>Project Scope of Work</p> <p>The CDRRMO plans to install four (4) automatic rain gauges within the City identified by CDRRMO. The datasets will then be integrated into the existing data display and data management system (cloud-based and QCITDD) of CDRRMO along with the previously procured sensors.</p> <p>System Output</p> <ul style="list-style-type: none"> <li>▪ Four (4) Operational Automated Rain Gauges</li> <li>▪ Sensor Data Processing, Storage Integration, and Display System</li> <li>· Data Storage and Processing</li> <li>· Data Display</li> <li>· Data Backup/Redundancy</li> <li>· Historical data</li> <li>· Integration to existing data display</li> </ul> <p>Technical Specifications</p> <p>1) FOUR (4) AUTOMATED RAIN GAUGE</p> <ul style="list-style-type: none"> <li>· Power supply through solar</li> <li>· Plug and play</li> <li>· No programming and complex wiring</li> <li>· Real-time access to data from any web browser</li> <li>· Enables to monitor data 24/7 via web browser or smartphone</li> <li>· Alarm capabilities via text/email</li> <li>· LCD display for easy field deployment</li> </ul>	lot	1	6,430,000.00	6,430,000.00

Obligation Request : *160-2024-12-17055*

Approved Budget for the Contract : 6,432,275.00

Funds Available:

*Jenant A. Antonio*, 12/10/24  
Signature Over Printed Name  
Supplier / Date

*Ruby G. Manangu*  
RUBY G. MANANGU  
City Accountant



Republic of the Philippines  
QUEZON CITY GOVERNMENT



PO Number **2411332**

Purchase Order Date: **DEC 10 2024**

Procuring Unit : QUEZON CITY DISASTER RISK REDUCTION AND MANAGEMENT OFFICE	Project Number : QCDRRMO-24-EHSE-1725
Company Name : JENANT TECHNOLOGY SYSTEMS INTEGRATION AND MAINTENANCE SERVICES OPC	Mode of Procurement : Public Bidding
Address : 3F C&C Business Center, 235 Aguirre Ave., BF Homes, Paranaque City	Resolution No. : 24-PB-1000
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	<ul style="list-style-type: none"> <li>· Cloud-based data access option ✓</li> <li>· Smart Sensor Connectors: 10 inputs ✓</li> <li>· Logging Rate: Configurable for as low as one (1) second ✓</li> <li>· Accuracy: 0-250mm/hr: +/-2% ✓</li> <li>· Accuracy: 250-500mm/hr: +/-3% ✓</li> </ul> <p>2) SENSOR SERVICE REPLACEMENT, MAINTENANCE, WARRANTY AND DATA SUBSCRIPTION ✓</p> <p>Quarterly checking of station such as: ✓</p> <ul style="list-style-type: none"> <li>· Rain Gauge ✓</li> <li>· Data logger ✓</li> <li>· Battery ✓</li> <li>· Solar Charge Controller ✓</li> <li>· solar Panel ✓</li> <li>· Three (3) years coverage ✓</li> </ul> <p>Replacement of devices and accessories such as: ✓</p> <ul style="list-style-type: none"> <li>· Rain Gauge ✓</li> <li>· Data logger ✓</li> <li>· Battery ✓</li> <li>· Solar Charge Controller ✓</li> <li>· solar Panel ✓</li> <li>· Three (3) years coverage ✓</li> </ul> <p>Emergency repair and maintenance ✓</p> <ul style="list-style-type: none"> <li>· 24/7 Availability of Personnel ✓</li> <li>· Three (3) years coverage ✓</li> <li>· Data Connectivity Subscription ✓</li> </ul>				

**Obligation Request :** *160-2024-12-17055*

**Approved Budget for the Contract :** 6,432,275.00

**Funds Available:**

*JENANT A. ANTONIO* <sup>12/10/24</sup>  
Signature Over Printed Name  
Supplier / Date

*R*  
**RUBY G. MANANGU**  
City Accountant *8*

*8/8*



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	<ul style="list-style-type: none"> <li>· Three (3) years coverage,</li> <li>3) SENSOR DATA PROCESSING, STORAGE INTEGRATION, AND DISPLAY SYSTEM ✓</li> <li>Data ✓</li> <li>· Seamless integration of rain gauge data to existing IRiseUP data display and storage (cloud-based and QCITDD) systems ✓</li> <li>· Integration to iRISE UP application ✓</li> <li>· Provision of integration to existing API endpoint containing all collected and modeled (observed and forecast rain) data at <a href="https://api.iriseup.ph/endpoint">https://api.iriseup.ph/endpoint</a> API endpoint system ✓</li> <li>Data Display ✓</li> <li>· GIS, Table, Graph and Threat Matrix display of real-time, nowcast (next 6 hours), and historical or rain sensor data ✓</li> <li>· GIS analysis overlaying data of rain sensor and rain nowcast (next 6 hours) ✓</li> <li>· Menu &amp; Settings to display clustered view and per sensor view ✓</li> <li>· Consolidation of existing and new sensors into one seamless and unified risk analysis system ✓</li> <li>· System provision for spatial rain risk analysis system ✓</li> <li>Alerts ✓</li> <li>· Integrated to existing Telegram alerts for group alerts ✓</li> <li>Data Backup/Redundancy ✓</li> <li>· Data dumps are to be performed every 15 minutes or shorter (all details pertaining to access to the QCDRRMO database such as address or URL to a management console, user id and password are to be given to QCDRRMO) ✓</li> <li>· Perform redundant data writes to an ITDD database ✓</li> </ul>				

Obligation Request : **100-2024-12-10055**

Approved Budget for the Contract : 6,432,275.00

Funds Available:

*Jenant Technology Systems Integration and Maintenance Services OPC*  
Signature Over Printed Name  
Supplier / Date **12/10/24**

**RUBY G. MANANGU**  
City Accountant

848