



REPUBLIC OF THE PHILIPPINES  
CALUMPIT WATER DISTRICT

Bids and Awards Committee  
M. Serrano St., Corazon Calumpit, Bulacan  
Tel No.: (044) 675-1453 / 913-0079  
Email address: calumpitwd@yahoo.com

**BAC RESOLUTION NO. 2021-207**

**Supply of Equipment & Labor for the Installation of Premium R-Tap System, An Intelligent Supply & Pressure Management System with Supervisory Control, Data Management Visualization System**

WHEREAS, the Bids and Awards Committee is hereby instructed to act upon the CWD with Purchase Request No. 2021-09-018; **Supply of Equipment & Labor for the Installation of Premium R-Tap System, An Intelligent Supply & Pressure Management System with Supervisory Control, Data Management Visualization System**;

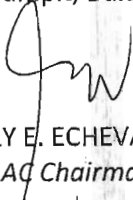
WHEREAS, the members of the BAC agreed to adopt Section 53.9, Article XVI of RA 9184, which states the use of **Small Value Procurement**, a method of procurement of Goods, Infrastructure and Consulting Services where the amount involved does not exceed the thresholds prescribed in Annex "H" of this IRR: Provided, That in case of Goods, the procurement does not fall under shopping in Section 52 of this IRR.(a)

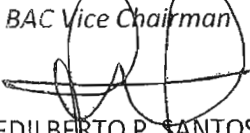
The BAC shall prepare and send the RFQs/RFPs to at least three (3) suppliers, contractors or consultants of known qualifications. This, notwithstanding, those who responded through any of the required postings shall be allowed to participate. Receipt of at least one (1) quotation is sufficient to proceed with the evaluation thereof.

NOW THEREFORE, We, the members of Bids and Awards Committee, hereby RESOLVE as it is hereby RESOLVED;

1. To recommend the use of Small Value Procurement for Purchase Request No. 2021-09-018;
2. To recommend for approval by the General Manager of the Calumpit Water District the foregoing findings;

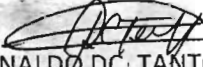
RESOLVED, at the CWD Office, Corazon, Calumpit, Bulacan, this 24<sup>th</sup> day of September 2021.


  
EMELY E. ECHEVARRIA  
BAC Chairman

  
ESPERANZA L. CORTEZ  
BAC Vice Chairman

  
EDILBERTO P. SANTOS  
BAC Member

Engr. RONNIE B. LARGADO

  
RONALDO DC. TANTOCO  
BAC Member

  
BENJO S. TORRES  
BAC Member

# PURCHASE REQUEST

Requesting Department: CALUMPIT WATER DISTRICT

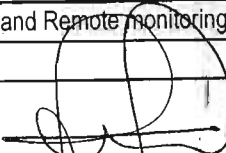
Fund Cluster:

PR No.: 2021-07-018  
 Responsibility Center Code: \_\_\_\_\_  
 Date: 16-Sep-21

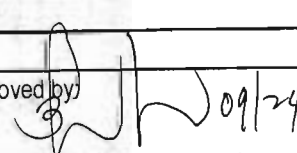
| Property | Unit | Item Description   | QTY. | Unit Cost | Total Cost |
|----------|------|--|------|-----------|------------|
|          |      | Valve Faults (if present)  |      |           |            |
|          |      | Overflow or Low Pressure   |      |           |            |
|          |      | Flow limit fault (Low/High)  |      |           |            |
|          |      | Deepwell Level faults (Low, Low-low level)   |      |           |            |
|          |      | * General Electrical Faults  |      |           |            |
|          |      | Voltage Monitor (i.e. no power)  |      |           |            |
|          |      | VFD or DOL Feedback Fault  |      |           |            |
|          |      | VFD or DOL Thermal Fault   |      |           |            |
|          |      | * VFD Faults (for VFD Controlled Pumps)  |      |           |            |
|          |      | Overvoltage  |      |           |            |
|          |      | Undervoltage   |      |           |            |
|          |      | Overcurrent  |      |           |            |
|          |      | Overtemperature  |      |           |            |
|          |      | Phase Loss   |      |           |            |
|          |      | Serial Line  |      |           |            |
|          |      | 3,6 Remote on-off control and setting of pressure set points of pumps at pump stations through Web-based Dashboard   |      |           |            |
|          |      | 3.7 System shall include a fail safe mode  |      |           |            |
|          |      | 3.8 Continuous software upgrade for three (3) years on relevant features   |      |           |            |
|          |      | 4. Project Commissioning and Testing   |      |           |            |
|          |      | 4.1 Duration and installation Set up   |      |           |            |
|          |      | 4.2 Commissioning and on site testing: following the completion of installation and set-up. Hiraya shall conduct on-site relevant tests on key functionalities of the system |      |           |            |
|          |      | 5. Data Analytics Report   |      |           |            |
|          |      | 5.1 Data Analytics   |      |           |            |
|          |      | 5.1.1 Analysis and historical data   |      |           |            |
|          |      | 5.1.2 Dynamic alerts that adjust to changing network behavior  |      |           |            |
|          |      | 5.1.3 Recommendation on operation optimization schemes   |      |           |            |
|          |      | 6. Training for operators and relevant personnel to maximize the value of the system   |      |           |            |
|          |      | 6.1 The Supplier shall provide training on the use of software and field operations of the R Tap system.   |      |           |            |
|          |      | 6.2 The Supplier shall brief the customer on the capabilities of the field   |      |           |            |
|          |      | 7. Warranty and After Sales  |      |           |            |
|          |      | 7.1 Standard manufacturer's warranty on parts. One (1) year installation service warranty  |      |           |            |

Management of flow & pressure and Remote monitoring & Control of Frances Bukid Pumping Station.

Requested by:

  
**EDILBERTO P. SANTOS**  
 Department Manager B

Approved by:

  
**Engr. RONNIE B. LARGADO**  
 General Manager

