



Republic of the Philippines  
**GENERAL SANTOS CITY WATER DISTRICT**  
 E. Fernandez Street, Barangay Lagao General Santos  
 Telephone No.: 552-3824; Telefax No.: 553-4960  
 Email Address: gscwdprocurement@yahoo.com

GPM-014-2

**REQUEST FOR QUOTATION**

RFQ #: 3-0823-025      DATE: 8/7/2023

SUPPLIER: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_  
 TELEPHONE NO. : \_\_\_\_\_  
 TIN NO. : \_\_\_\_\_


Dear Sir/Madam,

Pls. quote your lowest price on the item/s listed below subject to general condition stating the shortest time of delivery and submit your quotation duly signed by your representative not later than 8/11/2023, Pls. furnish this office the following articles subject to the terms and conditions contained therein.

ITEM NO.	DESCRIPTION	QTY.	UNIT	UNIT PRICE
1	PRV CONTROLLER : PLS SEE ATTACHED SPECIFICATIONS-ABC: PHP 600,000.00 ##### nothing follows #####	1	unit	P

Date of Delivery: \_\_\_\_\_  
 Price Validity : \_\_\_\_\_  
 Terms of Payment: \_\_\_\_\_

Place of Delivery: GSCWD Bodega  
 \*\*\*\*\*No partial delivery allowed\*\*\*\*\*  
 Note: 6% WITHHOLDING TAX DEDUCTION  
 PR NO.: 0823-003

Requested by:  
  
**GEZEN R. CASANERO**  
 MATERIAL PROCUREMENT  
 OFFICER A

Price quoted by:  
 \_\_\_\_\_  
 Supplier  
 \_\_\_\_\_  
 Date

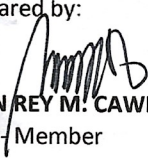
## PRESSURE REDUCING VALVE CONTROLLER TECHNICAL SPECIFICATIONS

ITEM	SPECIFICATION
<b>LTE-M &amp; NBloT - enabled Pressure Control System</b>	
<b>Sensor Input</b>	
<b>2x Analog Inputs</b>	: Internal Pressure Transducer, External Pressure 4-20mA (Optional), 0-20 bar / 0-200meters head / 0-300psig, 0.1% repeatability
<b>2X Digital</b>	: 2x Uni or Bi-rectional Pulse, Count or Event Logging modes
<b>Hydraulic</b>	
<b>3x Solenoid Output</b>	: 1x Latching Solenoid, to vent or close the top PRV chamber
	: 2x Pulsed Solenoid outputs, up/down control battery depletion
	: Safe level and alerts set to protect
<b>Controlling Features</b>	
<b>Timed Based</b>	: Up to 96 table entries for 7 individual days per week or setting based on Week Days or Weekends. Calendar special event table also available
<b>Flow Based</b>	: Flow based control or Flow override option
<b>Fail Safe</b>	: Default Fail Safe can be configured to "Set" or "Release" the latching solenoid upon error (e.g. faulty sensor/flow) or revert to time profiles if flow fails or revert to fixed pressure (operator selected)
<b>Summer / Winter</b>	: Clock is programmable for seasonal time changes
<b>Closed Loop</b>	: Optional closed loop control automatically modulating pressure from remote critical point data
<b>Combination</b>	: Combination of both Time and Flow based with different settings per day
<b>Communications</b>	
<b>Mobile</b>	: Cellular modem supporting 2G/3G/4G/NBLoT/LTE-M(CAT-1)
<b>Serial</b>	: RS232 or USB Interface for programming and integration with PC/Laptop or Windows Tablet using IDT Software, programmable up to 19,200 b.p.s
<b>Logger Features</b>	
<b>Frequency</b>	: Variable logger rate from 1s to 24 hours
<b>Logger/Site ID</b>	: 7 alphanumeric characters, readable factory set serial number in firmware
<b>Ingress Protection</b>	: IP68 fully submersible
<b>Dimensions</b>	: 315H x 153W x 87D mm
<b>Constructions</b>	: Aluminum alloy casing
<b>Operating Temperature</b>	: -20 to 60 deg Celsius
<b>Power</b>	: Lithium-thionyl chloride cell operational for 5 years under typical operating conditions
<b>Alarm</b>	: Multiple alarm options including Rate of Change, Profile, Minimum Night Flow and Threshold. 16 alarms per logger. Can be programmed to auto dial up to 8 telephone number on alarms
<b>Memory</b>	: Primary Recording 179,760 readings (Cyclic or Block)
<b>Transient Logging</b>	: High speed logging to 25Hz to identify network transient events
<b>Accessories (Compliance upon Delivery)</b>	
1. Hydraulic Actuator	
2. Installation kit including hose and quick connect fittings.	
3. Digital Flow Cable (open-ended)	
4. External Battery Pack for Pegasus2 PRV Controller with 10-pin Military Connector.	
5. Critical Point Logger	
6. Pressure Hose and Quick Connect Coupling for Critical Point Logger	
7. External Battery for Critical Point Logger with 4-pin Military Connector.	
8. USB Programming Cable	

**Additional Requirements**

1. The supplier must be the authorized distributor of the prv controller.
2. The supplier must have an authority to bid from the manufacturer.

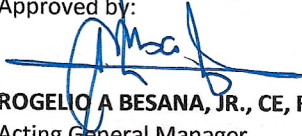
Prepared by:

  
**JOHN REY M. CAWIT**  
TWG Member

Noted by:

  
**MICHAEL S. GABALES, REE**  
TWG Head

Approved by:

  
**ROGELIO A BESANA, JR., CE, RMP**  
Acting General Manager