



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 #: 3-0221-019 DATE: 02/04/2021

SUPPLIER: _____
ADDRESS: _____
TELEPHONE NO. : _____
TIN NO. : _____

Dear Sir/Madam,

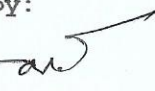
Pls. quote your lowest price on the item/s listed below subject to general condition stating the shortest time of delivery and submit your quotation duly signed by your representative not later than 02/10/2021, Pls. furnish this office the following articles subject to the terms and conditions contained therein.

ITEM NO.	DESCRIPTION	QTY.	UNIT	UNIT PRICE
1	MECHANICAL FLOWMETER W/ PULSER 3`` 80MM : SEE ATTACHED SPECIFICATIONS-ABC: PHP 156,000.00	4	pcs	P
2	MECHANICAL FLOWMETER W/ PULSER 4`` 100MM : SEE ATTACHED SPECIFICATIONS-ABC: PHP 208,000.00	4	pcs.	P
3	MECHANICAL FLOWMETER W/ PULSER 6`` 150MM : SEE ATTACHED SPECIFICATIONS-ABC: PHP 436,000.00 ##### nothing follows #####	5	pcs.	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.: 0221-015

Requested by:


GESEM R. CABAÑERO
MATERIAL PROCUREMENT
OFFICER A

Price quoted by:

Supplier

Date

TECHNICAL SPECIFICATION OF 80 mm Ø
MECHANICAL WATER METER WITH PULSER

I. SCOPE OF WORK

The scope shall be supply and delivery of four (4) unit mechanical flow meter with pulser and complete accessories to General Santos City Water District.

II. TECHNICAL SPECIFICATION

FLOW METER SPECIFICATION			
Nominal Diameter	80 mm		
Max. Rated Capacity (Qmax)	$Q_{max} \geq 200 \text{ m}^3 / \text{hour}$		
Nominal Capacity for continued Duty (Qn)	$Q_n \geq 120 \text{ m}^3 / \text{hour}$		
Transitional Flow (Qt)	$Q_t \leq 0.8 \text{ m}^3 / \text{hour}$		
Minimum Flow rate (Qmin)	$Q_{min} \leq 0.5 \text{ m}^3 / \text{hour}$		
Metrological classification must be on par or better than what is given to the table below:			
Qmax 200 m ³ / h Allowable Error ±2%	Qn 120 m ³ / h Allowable Error ±2%	Qt 0.8 m ³ / h Allowable Error ±2%	Qmin 0.5 m ³ / h Allowable Error ±5%
Maximum reading	1,000,000 m ³		
Smallest reading	0.0005 m ³		
Maximum Admissible Temperature	≥ 50 °C		
Installation Requirements	3 x DN front and NO abrupt restrictions directly behind the meter		
Pressure port	¼" connection port for pressure sensors		
Register	Can be rotated through 360° to view in any position		
Meter Accessories	1. Pulser/ Reed switch sensor with 3-meter length open ended wire. 2. Stainless Steel bolts 8 pieces for flange ends. 3. Meter Flange gaskets.		

Pulse Output Connectivity	The meter shall have pulse output connectivity for data logging or remote reading and compatible to our existing data loggers.
PULSER SPECIFICATIONS	
Installation	Simple and can be fitted without breaking the meter seal
Values	With 2 different pulse values
Protection rating	IP68
Temperature Range	Up to 50 °C for cold meters Up to 130 °C for hot meters
Connection Cable Length	3 meters

III. ADDITIONAL REQUIREMENTS

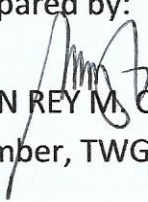
1. Supplier must have a Manufacturer's Authorization Certificate specific for this project.
2. Supplier should have ISO 9001:2015 certificates.

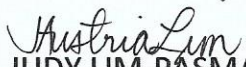
IV. TERMS AND CONDITION

1. The winning bidder is required to submit actual documents (manuals, manufacturer's calibration test result, data sheet, etc.)
2. The winning bidder shall send technician and conduct actual test of equipment with three (3) GSCWD representatives. All relevant and incidental cost (transportation, accommodation, allowances and etc.) in the actual testing shall be shouldered by the winning bidder.
3. The equipment shall be covered by a minimum of one (1) year warranty against material and workmanship defects.
4. The winning bidder shall deliver the equipment within thirty (30) calendar days upon receipt of Purchase Order.

5. The winning bidder shall be subjected to Liquidated Damages (LD) for each day of delay as provided by the IRR of RA 9184.

Prepared by:

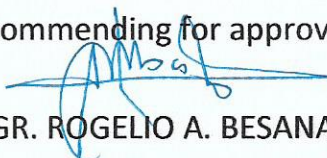

JOHN REY M. CAWIT
Member, TWG


JUDY LIM-PASMAN
Member, TWG

Checked by:


ENGR. MICHAEL G. GABALES
Head- TWG

Recommending for approval:


ENGR. ROGELIO A. BESANA JR., RMP
Manager A- Engineering & Const. Dept.

Approved by:


ENGR. ARN B. GELLANGARIN, PME
General Manager A

TECHNICAL SPECIFICATION OF 100 mm Ø
MECHANICAL WATER METER WITH PULSER

I. SCOPE OF WORK

The scope shall be supply and delivery of four (4) unit mechanical flow meter with pulser and complete accessories to General Santos City Water District.

II. TECHNICAL SPECIFICATION

FLOW METER SPECIFICATION			
Nominal Diameter	100 mm		
Max. Rated Capacity (Qmax)	$Q_{max} \geq 300 \text{ m}^3 / \text{hour}$		
Nominal Capacity for continued Duty (Qn)	$Q_n \geq 230 \text{ m}^3 / \text{hour}$		
Transitional Flow (Qt)	$Q_t \leq 1.8 \text{ m}^3 / \text{hour}$		
Minimum Flow rate (Qmin)	$Q_{min} \leq 0.8 \text{ m}^3 / \text{hour}$		
Metrological classification must be on par or better than what is given to the table below:			
Qmax 300 m ³ / h Allowable Error ±2%	Qn 230 m ³ / h Allowable Error ±2%	Qt 1.8 m ³ / h Allowable Error ±2%	Qmin 0.8 m ³ / h Allowable Error ±5%
Maximum reading	1,000,000 m ³		
Smallest reading	0.0005 m ³		
Maximum Admissible Temperature	≥ 50 °C		
Installation Requirements	3 x DN front and NO abrupt restrictions directly behind the meter		
Pressure port	¼" connection port for pressure sensors		
Register	Can be rotated through 360° to view in any position		
Meter Accessories	1. Pulser/ Reed switch sensor with 3-meter length open ended wire. 2. Stainless Steel bolts 8 pieces for flange ends. 3. Meter Flange gaskets.		

Pulse Output Connectivity	The meter shall have pulse output connectivity for data logging or remote reading and compatible to our existing data loggers.
PULSER SPECIFICATIONS	
Installation	Simple and can be fitted without breaking the meter seal
Values	With 2 different pulse values
Protection rating	IP68
Temperature Range	Up to 50 °C for cold meters Up to 130 °C for hot meters
Connection Cable Length	3 meters

III. ADDITIONAL REQUIREMENTS

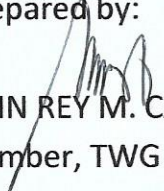
1. Supplier must have a Manufacturer's Authorization Certificate specific for this project.
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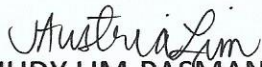
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2. The winning bidder shall send technician and conduct actual test of equipment with three (3) GSCWD representatives. All relevant and incidental cost (transportation, accommodation, allowances and etc.) in the actual testing shall be shouldered by the winning bidder.
3. The equipment shall be covered by a minimum of one (1) year warranty against material and workmanship defects.
4. The winning bidder shall deliver the equipment within thirty (30) calendar days upon receipt of Purchase Order.

5. The winning bidder shall be subjected to Liquidated Damages (LD) for each day of delay as provided by the IRR of RA 9184.

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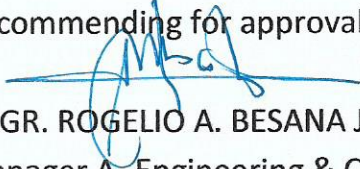

JOHN REY M. CAWIT
Member, TWG


JUDY LIM-PASMAN
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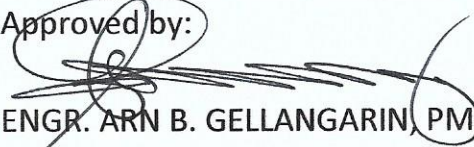
Checked by:


ENGR. MICHAEL G. GABALES
Head- TWG

Recommending for approval:


ENGR. ROGELIO A. BESANA JR., RMP
Manager A- Engineering & Const. Dept.

Approved by:


ENGR. ARN B. GELLANGARIN, PME
General Manager A

TECHNICAL SPECIFICATION OF 150 mm Ø
MECHANICAL WATER METER WITH PULSER

I. SCOPE OF WORK

The scope shall be supply and delivery of five (5) unit mechanical flow meter with pulser and complete accessories to General Santos City Water District.

II. TECHNICAL SPECIFICATION

FLOW METER SPECIFICATION									
Nominal Diameter	150 mm								
Max. Rated Capacity (Qmax)	$Q_{max} \geq 600 \text{ m}^3 / \text{hour}$								
Nominal Capacity for continued Duty (Qn)	$Q_n \geq 450 \text{ m}^3 / \text{hour}$								
Transitional Flow (Qt)	$Q_t \leq 4 \text{ m}^3 / \text{hour}$								
Minimum Flow rate (Qmin)	$Q_{min} \leq 1.8 \text{ m}^3 / \text{hour}$								
Metrological classification must be on par or better than what is given to the table below:									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Qmax 600 m³ / h Allowable Error</th> <th style="text-align: center;">Qn 450 m³ / h Allowable Error</th> <th style="text-align: center;">Qt 4 m³ / h Allowable Error</th> <th style="text-align: center;">Qmin 1.8 m³ / h Allowable Error</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">±2%</td> <td style="text-align: center;">±2%</td> <td style="text-align: center;">±2%</td> <td style="text-align: center;">±5%</td> </tr> </tbody> </table>	Qmax 600 m ³ / h Allowable Error	Qn 450 m ³ / h Allowable Error	Qt 4 m ³ / h Allowable Error	Qmin 1.8 m ³ / h Allowable Error	±2%	±2%	±2%	±5%	
Qmax 600 m ³ / h Allowable Error	Qn 450 m ³ / h Allowable Error	Qt 4 m ³ / h Allowable Error	Qmin 1.8 m ³ / h Allowable Error						
±2%	±2%	±2%	±5%						
Maximum reading	1,000,000 m ³								
Smallest reading	0.0005 m ³								
Maximum Admissible Temperature	≥ 50 °C								
Installation Requirements	3 x DN front and NO abrupt restrictions directly behind the meter								
Pressure port	½" connection port for pressure sensors								
Register	Can be rotated through 360° to view in any position								
Meter Accessories	<ol style="list-style-type: none"> 1. Pulser/ Reed switch sensor with 3-meter length open ended wire. 2. Stainless Steel bolts 8 pieces for flange ends. 3. Meter Flange gaskets. 								

Pulse Output Connectivity	The meter shall have pulse output connectivity for data logging or remote reading and compatible to our existing data loggers.
PULSER SPECIFICATIONS	
Installation	Simple and can be fitted without breaking the meter seal
Values	With 2 different pulse values
Protection rating	IP68
Temperature Range	Up to 50 °C for cold meters Up to 130 °C for hot meters
Connection Cable Length	3 meters

III. ADDITIONAL REQUIREMENTS

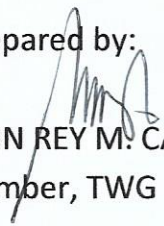
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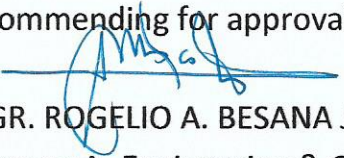

JOHN REY M. CAWIT
Member, TWG


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Head-TWG

Recommending for approval:


ENGR. ROGELIO A. BESANA JR., RMP
Manager A- Engineering & Const. Dept.

Approved by:


ENGR. ARN B. GELLANGARIN, PME
General Manager A