Bid Notice Abstract

Invitation to Bid (ITB)

Reference Number

8781592

Procuring Entity

BAGUIO WATER DISTRICT - BAGUIO CITY

Title

various water connection fittings

Solicitation Number:	06-061P	Status	Pending
Trade Agreement:	Implementing Rules and Regulations	Accordated Community	
Procurement Mode:	Public Bidding	Associated Components	1
Classification:	Goods		
Category:	Water Service Connection Materials/Fittings	Bid Supplements	0
Approved Budget for the Contract:	PHP 10,086,188.00	Document Request List	
Delivery Period:		bocument Request List	O
Client Agency:			
		Date Published	24/06/2022
Contact Person:	Ma. Luisa C Tenedero	7	
BAC In-House Chairman BWD Compound, Utility Road Baguio City Benguet Philippines 2600 63-74-4424858 63-74-4424858 purchasing.bwd2014@gmail.c	BWD Compound, Utility Road Baguio City	Last Updated / Time	23/06/2022 13:19 PM
	Philippines 2600 63-74-4424858	Closing Date / Time	13/07/2022 13:30 PM
Description			
2,600 units Water Meter (please see attached shapproved Budget Cost:	neet for complete specifications) P 2,400.00 / unit		

(please see attached sheet for complete specifications)

Approved Budget Cost: ₱ 18,250.00 / unit

5 units 2" Water Meters complete with steel companion flange & BNG

(please see attached sheet for complete specifications)
Approved Budget Cost: P 48,812.00 / unit

2 units 3" Water Meters complete with steel companion flange & BNG

(please see attached sheet for complete specifications) Approved Budget Cost: P 57,314.00 / unit

600 pieces Water Meter Inserts 1/2" DMD-A Multi-Jet Magnetic Driven DN 15mm Includes the ff. Parts & part numbers:

- 1. Lid
- 2. Lock Pin
- 4. Sliding Gasket
- 5. Glass

6. O-Ring 7. Ultrasonic Welding Ring 8. Register 9. Central Gear 11. Magnetic shield ring 12. Register Chamber 13. Tightening Gasket 14. Turbine 15. Measuring Chamber 16. Bottom Strainer 23. Inlet Strainer * Note: with BWD Logo Approved Budget Cost: ₱1,250.00 / pc STANDARD SPECIFICATIONS FOR 1/2"Ø, 3/4" Ø, 1" Ø AND 1 1/2"Ø WATER METERS I. TYPE OF METER: a) Multi-jet dynamically balanced vane wheel. (DMD-A) b) Register assembly must be dry type hermetically sealed. c) Anti-magnetic. Magnetic coupling must be protected from external magnetic fields of 1,500 gauss. d) With removable strainer at the inlet with an effective area of at least three (3) times the body inlet. e) The dial lens shall be high impact glass lens and abrasion resistant.
 f) Regulator knob must be located outside the meter casing and shall be provided with a seal protector. II. DIMENSIONS: · The size of the meter mean the clear internal diameter inlet to all outlet from meter · The overall length of the meter between connector faces shall be as follows: 1/2" Ø 3/4" Ø 1" Ø 1 1/2"Ø Overall Length of meter with connectors and gaskets, mm 165 - 190 190 - 195 225 - 260 230 - 260 III. MAIN CASING: The body must be made of corrosion-resistant copper alloy
The casing must have the following markings: (a) Direction of flow on at least one side (b) Meter serial number and shall be located at the bonnet or at the body of the meter (c) The BWD logo shall be inscribed inside the face dial (as per sample). IV. PERFORMANCE: The meter must be able to retain accuracy based on the following performance index when tested in the test bench: Item Unit $\frac{1}{2}$ " Ø $\frac{3}{4}$ " Ø 1" Ø 1 $\frac{1}{2}$ " Ø Maximum flow rate, Omax Cu.m/hr 3 5 7 12 Nominal flow rate, Cu.m./hr 1.5 2.5 3.5 6 Transitional flow rate. Ot I/h 120 200 280 480 Minimum flow rate, Qmin I/h 30 50 70 120 Accuracy between Qmax and Qt ±2% ±2% ±2% ±2% Accuracy between Qt and Qmin ±5% ±5% ±5% ±5% Register capacity Cubic meter From 4 to 6 digits Smallest readable Cubic meter 0.0001 The meter must still be to register the flow when subjected to "JERKING" test @ Qmax V. WORKING PRESSURE:

The meter working pressure shall be 10 bars or 145psi VI. HEADLOSS:

Meter shall allow a loss of head not to exceed 1.00 bar at

Omax:

Size 1/2" Ø 3/4" Ø 1" Ø 1 1/2"Ø

Head loss at

Qmax

Not to exceed 1 bar

Head loss shall be undertaken for the performance evaluation of sample meters only. Head loss evaluation shall no longer be undertaken during the performance test which would adopt a series type of calibration test.

Meter should be designed for easy assembly and dis-assembly without the use of special tools or equipment and should be easy to maintain and repair

VIII. OTHER REQUIREMENTS:

Two (2) samples of water meters shall be submitted for testing. One (1) meter shall be tested for accuracy and the other shall be dismantled for physical examination. For the winning bidder – the sample meter that passed the accuracy test shall form part of the delivery. Testing of the water meters shall be conducted with the presence of the authorized representative of the bidder. An authorized representative from the bidder must be present during the conduct of test. Should the supplier opt not to send a representative, it shall mean that they have waived their rights to witness the testing and the results of the said testing will be valid and final.

IX. CONDITIONS OF TESTING AND ACCEPTANCE:

All delivered meters that passed the physical evaluation shall be subjected to meter performance testing evaluation.

All meters shall be tested as delivered without any adjustments to be made during the testing.

If less than twenty percent (20%) of the total water meters do not pass the tests, the number of failed water meters shall be returned to the supplier for replacement. The replacement water meters shall be subjected for re-testing and the supplier will be required to pay fifty pesos (P50.00) fee for every

replaced water meter that will undergo re-testing. The frequency of replacing the failed water meters and their subsequent re-testing will be allowed only once. Failure to pass the re-testing of the said replaced water meters would mean cancellation of the same (replaced water meters that underwent re-testing) from the Purchase Order. However, if more than twenty percent (20%) of the total water meters do not pass the tests, the number of water meters that passed the tests shall be paid to the supplier, and the remaining balance of the untested water meters including the water meters. including the water meters that failed the test will be canceled from the

Purchase Order. An authorized representative from the bidder must be present during the conduct of test. Should the supplier opt not to send a representative, it shall mean that they have waived their rights to witness the testing and the results of the said testing will be valid and final.

X. SCHEDULE IN THE DELIVERY OF WATER METERS:

For purchases of one thousand (1,000) pieces and above water meters, twenty five percent (25%) staggered deliveries shall be accepted based on four (4) equal installments every two (2) weeks as follows:

(a) 1st delivery - 25%

(b) 2nd delivery - 25%

(c) 3rd delivery – 25% (d) 4th delivery – 25%

For purchases of five hundred (500) pieces and below water meters, delivery shall be made in full.

All water meters shall be guaranteed against defects in workmanship and materials for a period of one (1) year from date of acceptance. Defective meters covered within the warranty period shall be replaced with new units without charge within fifteen (15) calendar days upon receipt of notice, subject to the usual testing and acceptance procedures.

STANDARD SPECIFICATIONS FOR WATER METERS (2"Ø AND ABOVE)

- I. TYPE OF METER:
- a) Turbine or propeller type
- b) Hermetically or vacuum sealed
- c) Sealed register
- II. MAIN CASING:
- The body casing shall be cast iron or ductile iron
- Coating shall be epoxy or polyester
- · Flange type
- · Complete with companion flange and BNG

III. PERFORMANCE:

· The supplier shall be required to submit test results. The test parameters shall include the Maximum Flow, Nominal Flow, Transitional Flow and Minimum Flow. The BWD shall accept the water meters based on the test results submitted by the supplier.

IV. WORKING PRESSURE:

The maximum working pressure shall be 16 bars.

V. OTHER FEATURES:

- Meter should be designed for easy assembly and disassembly without the use of special tools or equipment and should be easy to maintain and repair.
- · Register Capacity: Minimum of six (6) digits
- The water meter could be installed horizontally, inclined or vertically
- · The supplier must submit distributorship certification
- · Super dry type with copper can register (IP68)

- · Hermetically sealed register (magnetic coupling)
- · Low Head Loss
- · Easy maintenance of the measuring unit
- · Dial plate can be supplied in metric or imperial units
- · The totalizer has big and clear numerals
- · Maximum working temperature: 60°C
- · Register maybe rotated at 360'
- · Equipped with an option for electrical output
- · Hot water meters in sizes 2"Ø to 8"Ø

VI. WARRANTY:

The water meters shall be guaranteed against defects in workmanship and materials for a period of one (1) year from date of acceptance. Defective meters covered within the warranty period shall be replaced with new units without charge within fifteen (15) calendar days upon receipt of notice, subject to BWD evaluation and acceptance.

Note: Not to be awarded on a one (1) lot basis.

This is a two (2) envelope system:

Envelope "A" to contain the following; among others:

a) A refundable bid bond in the form of cash, Manager's or Cashier's check equivalent to 2% or surety bond callable on demand issued by a surety or insurance company duly certified by the Insurance Commission equivalent to 5% of the total approved budget cost is required for a total purchase bid amount of P 50,000.00 and above. Validity of the surety bond is 120 days from the date of opening of bids OR Bid Securing Declaration regardless of amount of bid;

b) Terms of payment, delivery, warranty, bid validity and complete specifications;

c) Brochure/s (Original);

d) Proof of payment of a non-refundable fee of P25,000.00; otherwise, bids shall not be opened

e) Certificate of Authorized Distributorship / Dealership issued by the Principal Supplier to the participating bidder (with red ribbon) if none has been submitted to the BAC in its Accreditation;

-For bidders who have foreign principal suppliers, the BWD-BAC shall accept an Apostilled Certificate of Authorized Distributorship / Dealership issued by a competent authority of the host government in lieu of the Certificate of Authorized Distributorship / Dealership (with red ribbon), except for non-contracting countries to the Apostille Convention, which still require the red ribbon requirement.

-For locally produced / manufactured products, only certificate of Authorized Distributorship / Dealership w/o red ribbon is required if applicable;

f) ISO Certificate issued to the principal supplier/participating bidder for the offered material or equipment brand name (if none has been submitted to the BAC in its Accreditation);

g) International Certificate of Warranty.

Envelope "B" to contain the bid cost per unit.

Pre-bid Conference

Date

Time

Venue

30/06/2022

9:30:00 AM

Pre-bid conference: 9:30am via Zoom Application Meeting ID: 452 718 8447 Password: 9Buvqr

Created by

Ma. Luisa C Tenedero

Date Created

23/06/2022

The PhilGEPS team is not responsible for any typographical errors or misinformation presented in the system. PhilGEPS only displays information provided for by its clients, and any queries regarding the postings should be directed to the contact person/s of the concerned party.

© 2004-2022 DBM Procurement Service. All rights reserved.

Help | Contact Us | Sitemap



Document No. ADM-PUR-F003 Effectivity Date February 15, 2020 Revision No. 00

REQUEST FOR BIDS/QUOTATION (RQ)

То:		RQ No.:	06 - 061P
-	(Name of Supplier)	PR / JO No.:	061P
Contact Person:			June 17, 2022
Address:		Purpose of RQ:	
		For Commercia	l Division use – for
Contact no.:		2022	

NOTE: DATA REQUIRED MUST BE FILLED UP COMPLETELY. FAILURE TO INDICATE THE PRICE VALIDITY, TERMS, WARANTY PERIOD AND DELIVERY PERIOD SHALL MEAN OUTRIGHT DISQUALIFICATION OF BIDS

	Qty.	Description	U-Price	Total
VALIDITY DATE:	2 600 units	Mater Mater 1/2"		
THE STATE	2,600 units	Water Meter 1/2"		
day		(please see attached sheet for complete specifications) Approved Budget Cost: ₱ 2,400.00 / unit		
(30 days minimum)		Approved Budget Cost. P 2,400.00 / unit		
	150 units	Water Meter 1"		
DELIVERY :		(please see attached sheet for complete specifications)		
working days		Approved Budget Cost: ₱ 18,250.00 / unit		
FOB warehouse	5 units	2" Water Meters complete with steel companion flange & BNG		
WARRANTY		(please see attached sheet for complete specifications) Approved Budget Cost: ₱ 48,812.00 / unit		
calendar days pon acceptance.	2 units	2" \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
роп ассертансе.	2 units	3" Water Meters complete with steel companion flange & BNG		
TERMS:		(please see attached sheet for complete specifications)		
		Approved Budget Cost: ₱ 57,314.00 / unit		
	600 pcs	Water Meter Inserts 1/2"		
	•	DMD-A Multi-Jet Magnetic Driven DN 15mm		
		Includes the ff. Parts & part numbers: 1. Lid		
		2. Lock Pin		
		4. Sliding Gasket		
		5. Glass		
		6. O-Ring		
		7. Ultrasonic Welding Ring		
		8. Register		
		9. Central Gear		
		11. Magnetic shield ring		
		12. Register Chamber		

Page 1 of 7 of RQ 06 – 061P dated June 17, 2022





Document No. ADM-PUR-F003 Effectivity Date February 15, 2020 Revision No. 00

REQUEST FOR BIDS/QUOTATION (RQ)

14.	Turbine
15.	Measuring Chamber
16.	Bottom Strainer
	A CONTRACTOR OF THE PROPERTY O

13. Tightening Gasket

23. Inlet Strainer

* Note: with BWD Logo Approved Budget Cost: ₱1,250.00 / pc

XXXXX

STANDARD SPECIFICATIONS FOR ½"Ø, ¾" Ø, 1" Ø AND 1½"Ø WATER METERS

I. TYPE OF METER:

- a) Multi-jet dynamically balanced vane wheel. (DMD-A)
- b) Register assembly must be dry type hermetically sealed.
- c) Anti-magnetic. Magnetic coupling must be protected from external magnetic fields of 1,500 gauss.
- d) With removable strainer at the inlet with an effective area of at least three (3) times the body inlet.
- e) The dial lens shall be high impact glass lens and abrasion resistant.
- f) Regulator knob must be located outside the meter casing and shall be provided with a seal protector.

II. DIMENSIONS:

- · The size of the meter mean the clear internal diameter inlet to all outlet from meter
- · The overall length of the meter between connector faces shall be as follows:

	1/2" Ø	3/4" Ø	1" Ø	1 ½"Ø
Overall Length of meter with connectors and gaskets, mm	165 - 190	190 - 195	225 – 260	230 - 260

III. MAIN CASING:

- The body must be made of corrosidn-resistant copper alloy
- The casing must have the following markings:
- (a) Direction of flow on at least one side
- (b) Meter serial number and shall be located at the bonnet or

Page 2 of 7 of RQ 06 - 061P dated June 17, 2022

1 3 JUL 2022



Document No. ADM-PUR-F003 Effectivity Date February 15, 2020 Revision No. 00

REQUEST FOR BIDS/QUOTATION (RQ)

at the body of the meter

(c) The **BWD logo** shall be inscribed inside the face dial (as per sample).

IV. PERFORMANCE:

The meter must be able to retain accuracy based on the following performance index when tested in the test bench:

Item	Unit	1/2" Ø	3/4" Ø	1" Ø	1 ½"Ø
Maximum flow rate, Qmax	Cu.m/hr	3	5	7	12
Nominal flow rate, Qn	Cu.m./hr	1.5	2.5	3.5	6
Transitional flow rate, Qt	l/h	120	200	280	480
Minimum flow rate, Qmin	l/h	30	50	70	120
Accuracy between Qmax and Qt		±2%	±2%	±2%	±2%
Accuracy between Qt and Qmin		±5%	±5%	±5%	±5%
Register capacity	Cubic meter	From 4 to 6 digits			ts
Smallest readable unit	Cubic meter	0.0001			
The meter must still "JERKING " test @ Q	be to reg max	ister the	e flow w	hen sub	jected to
V. WORKING PRESS	SURE:				
The meter working p	ressure s	hall be	10 bars	or 145p	si
VI. HEADLOSS:					
Meter shall allow a Qmax:	loss of h	ead no	t to exc	ceed 1.0	0 bar a
Size	1/2" Ø	3/4" Ø	1"	Ø	1 ½″Ø
Head loss at Qmax		Not to exceed 1 bar			
Head loss shall be un of sample meters or oe undertaken duri adopt a series type o	nly. Head ng the p	loss ev	aluation ance te	shall no	olonger



Document No. ADM-PUR-F003 Effectivity Date February 15, 2020 Revision No. 00

REQUEST FOR BIDS/QUOTATION (RQ)

VII. OTHER FEATURES:

Meter should be designed for easy assembly and disassembly without the use of special tools or equipment and should be easy to maintain and repair

VIII. OTHER REQUIREMENTS:

Two (2) samples of water meters shall be submitted for testing. One (1) meter shall be tested for accuracy and the other shall be dismantled for physical examination.

For the winning bidder – the sample meter that passed the accuracy test shall form part of the delivery.

Testing of the water meters shall be conducted with the presence of the authorized representative of the bidder.

An authorized representative from the bidder must be present during the conduct of test. Should the supplier opt not to send a representative, it shall mean that they have waived their rights to witness the testing and the results of the said testing will be valid and final.

IX. CONDITIONS OF TESTING AND ACCEPTANCE:

All delivered meters that passed the physical evaluation shall be subjected to meter performance testing evaluation.

All meters shall be tested as delivered without any adjustments to be made during the testing.

If less than twenty percent (20%) of the total water meters do not pass the tests, the number of failed water meters shall be returned to the supplier for replacement. The replacement water meters shall be subjected for re-testing and the supplier will be required to pay fifty pesos (P50.00) fee for every replaced water meter that will undergo re-testing. The frequency of replacing the failed water meters subsequent re-testing will be allowed only once. Pailure to pass the re-testing of the said replaced water meters would mean cancellation of the same (replaced water meters that underwent re-testing) from the Purchase Order.

However, if more than twenty percent (20%) of the total water meters do not pass the tests, the number of water meters that passed the tests shall be paid to the supplier and the remaining balance of the untested water meters including the water meters that failed the test will be canceled from the Purchase Order.

An authorized representative from the bidder must be present during the conduct of test. Should the supplier opt not to send a representative, it shall mean that they have waived



Document No. ADM-PUR-F003 Effectivity Date February 15, 2020 Revision No. 00

REQUEST FOR BIDS/QUOTATION (RQ)

their rights to witness the testing and the results of the said testing will be valid and final.

X. SCHEDULE IN THE DELIVERY OF WATER METERS:

For purchases of one thousand (1,000) pieces and above water meters, twenty five percent (25%) staggered deliveries shall be accepted based on four (4) equal installments every two (2) weeks as follows:

- (a) 1st delivery 25%
- (b) 2nd delivery 25%
- (c) 3rd delivery 25%
- (d) 4th delivery 25%

For purchases of five hundred (500) pieces and below water meters, delivery shall be made in full.

XI. WARRANTY:

All water meters shall be guaranteed against defects in workmanship and materials for a period of one (1) year from date of acceptance. Defective meters covered within the warranty period shall be replaced with new units without charge within fifteen (15) calendar days upon notice, subject to the usual testing and acceptance procedures.

STANDARD SPECIFICATIONS FOR WATER METERS (2"Ø AND ABOVE)

I. TYPE OF METER:

- a) Turbine or propeller type
- b) Hermetically or vacuum sealed
- c) Sealed register

II. MAIN CASING:

- · The body casing shall be cast iron or ductile iron
- · Coating shall be epoxy or polyester
- · Flange type
- Complete with companion flange and BNG

III. PERFORMANCE:

· The supplier shall be required to submit test results. The test parameters shall include the Maximum Flow, Nominal Flow, Transitional Flow and Minimum Flow.



Document No. ADM-PUR-F003 Effectivity Date February 15, 2020 Revision No. 00

REQUEST FOR BIDS/QUOTATION (RQ)

The BWD shall accept the water meters based on the test results submitted by the supplier.

IV. WORKING PRESSURE:

The maximum working pressure shall be 16 bars.

V. OTHER FEATURES:

- · Meter should be designed for easy assembly and disassembly without the use of special tools or equipment and should be easy to maintain and repair.
- · Register Capacity: Minimum of six (6) digits
- · The water meter could be installed horizontally, inclined or vertically
- · The supplier must submit distributorship certification
- · Super dry type with copper can register (IP68)
- · Hermetically sealed register (magnetic coupling)
- · Low Head Loss
- · Easy maintenance of the measuring unit
- · Dial plate can be supplied in metric or imperial units
- The totalizer has big and clear numerals
- · Maximum working temperature: 60°C
- · Register maybe rotated at 360'
- · Equipped with an option for electrical output
- Hot water meters in sizes 2"Ø to 8"Ø

VI. WARRANTY:

The water meters shall be guaranteed against defects in workmanship and materials for a period of one (1) year from date of acceptance. Defective meters covered within the warranty period shall be replaced with new units without charge within fifteen (15) calendar days upon receipt of notice, subject to BWD evaluation and acceptance.

Note: Not to be awarded on a one (1) lot basis.

This is a two (2) envelope system: Envelope "A" to contain the following; among others:

a) A refundable bid bond in the form of cash, Manager's or Cashier's check equivalent to 2% or surety bond callable on demand issued by a surety or insurance company duly certified by the Insurance Commission equivalent to 5% of the total approved budget cost is

Page 6 of 7 of RQ 06 - 061P dated June 17, 2022

11 3 JUL 2022



Document No. ADM-PUR-F003 **Effectivity Date** February 15, 2020 Revision No. 00

REQUEST FOR BIDS/QUOTATION (RQ)

required for a total purchase bid amount of ₱50,000.00 and above. Validity of the surety bond is 120 days from the date of opening of bids OR Bid Securing Declaration regardless of amount of bid;

- b) Terms of payment, delivery, warranty, bid validity and complete specifications;
- c) Brochure/s (Original);
- d) Proof of payment of a non-refundable fee of P25,000.00; otherwise, bids shall not be opened
- e) Certificate of Authorized Distributorship / Dealership issued by the Principal Supplier to the participating bidder (with red ribbon) if none has been submitted to the BAC in its Accreditation;

-For bidders who have foreign principal suppliers, the BWD-BAC shall accept an Apostilled Certificate of Authorized Distributorship / Dealership issued by a competent authority of the host government in lieu of the Certificate of Authorized Distributorship / Dealership (with red ribbon), except for non-contracting countries to the Apostille Convention, which still require the red ribbon requirement. -For locally produced / manufactured products, only a certificate of Authorized Distributorship / Dealership w/o red ribbon is required if applicable;

- f) ISO Certificate issued to the principal supplier/participating bidder for the offered material or equipment brand name (if none has been submitted to the BAC in its Accreditation);
- g) International Certificate of Warranty.

Envelope "B" to contain the bid cost per unit.

Pre-bid conference: 9:30am via Zoom Application Meeting ID: 452 718 8447

Password: 9Buvgr

By: Supplier or Authorized Representative:	(sign over printed name

Deadline of submission of bids:

1 3 JUL 2022

Opening of bids: 1:30 pm

Prepared by:

PURCHASING

MSLamangan Noted by: ATTY. MA. LUISA C. TENEDERO

BAC IN-HOUSE

ENGR. GÜILLERMO V. LUCERO

LALLAND

BAC-TECHNICAL

BWD RESERVES THE RIGHT TO REJECT BIDS &/OR DECLARE A FAILURE OF BIDDING PURSUANT TO THE PERTINENT PROVISIONS OF RA 9184

Telefax No. (074) 442-4858 (Purchasing) / 444-7246

Page 7 of 7 of RQ 06 - 061P dated June 17, 2022