



## Bid Notice Abstract

### Invitation to Bid (ITB)

**Reference Number** 11122002  
**Procuring Entity** BAGUIO WATER DISTRICT - BAGUIO CITY  
**Title** 2 units 4" Ø Check Valve, flange type; 3 units 4" Ø Gate Valve, flanged type with companion steel flanges and BNG & 2 pcs 2" Air Release Valve  
**Area of Delivery** Benguet

<b>Solicitation Number:</b>	08-154P-E	<b>Status</b>	<b>Pending</b>
<b>Trade Agreement:</b>	Implementing Rules and Regulations		
<b>Procurement Mode:</b>	Public Bidding	<b>Associated Components</b>	1
<b>Classification:</b>	Goods		
<b>Category:</b>	Water Service Connection Materials/Fittings	<b>Bid Supplements</b>	0
<b>Approved Budget for the Contract:</b>	PHP 191,947.00		
<b>Delivery Period:</b>		<b>Document Request List</b>	0
<b>Client Agency:</b>			
<b>Contact Person:</b> Ma. Luisa C Tenedero Chairperson, Bids and Awards Committee BWD Compound, Utility Road Baguio City Benguet Philippines 2600 63-74-4423456 63-74-4424858 bwd.bac2021@gmail.com	<b>Date Published</b>	09/08/2024	
	<b>Last Updated / Time</b>	06/08/2024 08:30 AM	
	<b>Closing Date / Time</b>	28/08/2024 13:30 PM	

#### Description

2 units 4" Ø Check Valve, flange type (Please see complete specifications below)  
Approved Budget Cost: ₱27,228.00 / pc

3 units 4" Ø Gate Valve, flanged type with companion steel flanges and BNG (Please see complete specifications below) Approved Budget Cost: ₱27,479.00 / pc

2 pcs 2" Air Release Valve (Please see complete specifications below)  
Approved Budget Cost: ₱27,527.00 / pc

#### CHECK VALVE SPECIFICATIONS:

Swing Check Valve, Resilient Seated with Closed Bushings

Pressure Rating:

☐ PN 10: 150 psi for 2" Ø to 12" Ø

☐ PN 16: 240 psi for 2" Ø x 12" Ø

Connection: Flanged and drilling to ISO 7005-2



Test: Hydraulic test to BS 5153:1974 (1991)

Seat: 1.1 x PN

Body: 1.5 x PN

Materials: Body, bonnet and hinge: Ductile iron, GGG-50, to DIN 1693 (BS 2789 grade 500-7)

Coating: Electrostatically applied epoxy resin to DIN 30677 – internally and externally

Shaft: Stainless steel

Bonnet gasket: EPDM rubber

Bushing: Brass, dezincification resistant

Hexagon bolt, washer, and pin: Stainless Steel A2

Resilient seated disc: EPDM rubber with steel insert

Swing Check Valve Dimensions and Weight (Approx) both

for PN 10 and 16:

Size / Diameter, DIN Length (mm), DIN Weight (kg)

4" (100mm) 300 26

GATE VALVE FLANGED TYPE SPECIFICATIONS:

Design Code: Hydraulic test to BS 5163 (DIN3230 / DIN3352) or JIS B2043, DIN 3352, AWWA C509, BS5163

Maximum Pressure: PN16 or 16 bar

Temperature Range: -20 to 160 degrees centigrade

Face to Face: BS 5163 or JIS B2002, DIN 3202-F5, DIN 3202-F4, ANSI B16.10, BS 5163

End Flange: EN1092-2 (ISO 7005-2) or JIS B2212 10K, DIN 2533 PN 10/16, ANSI 150#, BS4504 PN 10/16

Tightness Test: Operating Torque Test or JIS B2003, DIN 3230, AWWA C509, BS 6755

Materials:

Body: Ductile Iron, GGG-50 to DIN 1693 (BS 2789 grade 500-7) or Ductile Iron

Wedge: Ductile Iron (DI) + NBR or Ductile Iron, GGG-50, core fully encapsulated with EPDM rubber with integral wedge nut of dezincification resistant brass, CZ 132 to BS 2874

Wedge Nut: Brass or Dezincification Resistant Brass

Stem: Stainless Steel, DIN X 20 Cr 13 or Stainless Steel / Brass

Bonnet Gasket: EPDM Rubber or EPDM / NBR

Bonnet: Ductile Iron (DI) or Stainless Steel A2, sealed with hot melt

O-Ring: NBR or EPDM / NBR

Stem Collar: Brass

Gland Flange: Ductile Iron or Ductile Iron GJS-500-7 (GGG-50)

Dustproof Ring: NBR or EPDM / NBR

Hex Nut: Cast Iron

Overall Dimensions:

Size / DN Length (L)

mm

Height (H)

mm

Width or D

mm

Weight kgs

DN100 (4") 229 334-430 200-220 26-28

COMBINATION AIR VALVES SPECIFICATIONS:

Technical Specifications:

a) The valve shall consist of two floats (the bottom and the upper float), the bottom float drops and allowing the trapped air to be vented through the small nozzle at the center of the top float.

b) The float shall have a float guide on two sides.

c) The valve shall be made of Cast Iron / Ductile Iron with Glass Reinforced Plastic (GRP) inner body

d) Float body shall be made of Polypropylene and it should be cylindrical / trapezoid in design

I.B Parts Specification of 2" Ø Combination Air Valves:

Description Material

Bonnet PA6+30GF

Cover D.I.

Flanged Base D.I.

Elbow Polypropylene

Float Foam PP

Slider PA6+30GF

Seal EPDM

Spacer POM

Auto Seal EPDM

Flat Seal EPDM

O-ring Nitrilic Rubber

ID Plate Aluminum

Screw Hex SST

Washer SST



Dimensions & Weights: 2" Ø  
Height (H) 259.50 mm  
Width (W) 214 mm  
Thread (D) 2" (BSP/NPT)  
Nozzle Area (A) 12.85 mm<sup>2</sup>  
Total Width (L) -  
Drainage Diameter (E) 1 ½" BSP  
Kinetic Nozzle Area (K) 908 mm  
Flange ISO 6/25 / ANSI 1 50  
Weight 9 kgs.

x x x x x

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 a 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 ₱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 the 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 ₱500.00; 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 principal foreign 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.

**Created by** Ma. Luisa C Tenedero

**Date Created** 06/08/2024

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.



  	<b>BAGUIO WATER DISTRICT</b> <b>BWD Compound, Utility Road, Baguio City 2600</b>		Document No.	ADM-PUR-F003
	<b>REQUEST FOR BIDS/QUOTATION (RQ)</b>		Revision Date	February 1, 2024
			Revision No.	03

<b>To:</b> _____ <div style="text-align: center;"><i>(Name of Supplier)</i></div> <b>Contact Person:</b> _____ <b>Address:</b> _____  <b>Contact no.:</b> _____	RQ No.: <b>08 – 154P-E</b> PR / JO No.: <b>154P</b> Date of RQ: <b>August 1, 2024</b> Purpose of RQ: For commissioning of new Queen of Angels DW
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NOTE: DATA REQUIRED MUST BE FILLED UP COMPLETELY. FAILURE TO INDICATE THE  
 PRICE VALIDITY, TERMS, WARRANTY PERIOD AND DELIVERY PERIOD  
 SHALL MEAN OUTRIGHT DISQUALIFICATION OF BIDS

	Qty.	Description	U-Price	Total
<b>VALIDITY DATE:</b> _____ day <b>(30 days minimum)</b>	<b>2 units</b>	<b>4" Ø Check Valve, flange type</b> (Please see complete specifications below) <b>Approved Budget Cost: ₱27,228.00 / pc</b>		
<b>DELIVERY:</b> _____ working days _____ calendar days _____ FOB warehouse	<b>3 units</b>	<b>4" Ø Gate Valve, flanged type with companion steel flanges and BNG</b> (Please see complete specifications below) <b>Approved Budget Cost: ₱27,479.00 / pc</b>		
<b>WARRANTY</b> _____ calendar days upon acceptance.	<b>2 pcs</b>	<b>2" Air Release Valve</b> (Please see complete specifications below) <b>Approved Budget Cost: ₱27,527.00 / pc</b>		
<b>TERMS:</b>		<b>CHECK VALVE SPECIFICATIONS:</b> Swing Check Valve, Resilient Seated with Closed Bushings Pressure Rating: 1. PN 10: 150 psi for 2" Ø to 12" Ø 2. PN 16: 240 psi for 2" Ø x 12" Ø Connection: Flanged and drilling to ISO 7005-2 Test: Hydraulic test to BS 5153:1974 (1991) Seat: 1.1 x PN Body: 1.5 x PN Materials: Body, bonnet and hinge: Ductile iron, GGG-50, to DIN 1693 (BS 2789 grade 500-7) Coating: Electrostatically applied epoxy resin to DIN 30677 – internally and externally Shaft: Stainless steel Bonnet gasket: EPDM rubber Bushing: Brass, dezincification resistant Hexagon bolt, washer, and pin: Stainless Steel A2 Resilient seated disc: EPDM rubber with steel insert Swing Check Valve Dimensions and Weight (Approx) both		

**August 28, 2024**

*signed*






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		<p>for PN 10 and 16:</p> <table border="1"> <tr> <th>Size / Diameter, DIN</th> <th>Length (mm), DIN</th> <th>Weight (kg)</th> </tr> <tr> <td>4" (100mm)</td> <td>300</td> <td>26</td> </tr> </table> <p><b>GATE VALVE FLANGED TYPE SPECIFICATIONS:</b>  Design Code: Hydraulic test to BS 5163 (DIN3230 / DIN3352) or JIS B2043, DIN 3352, AWWA C509, BS5163  Maximum Pressure: PN16 or 16 bar  Temperature Range: -20 to 160 degrees centigrade  Face to Face: BS 5163 or JIS B2002, DIN 3202-F5, DIN 3202-F4, ANSI B16.10, BS 5163  End Flange: EN1092-2 (ISO 7005-2) or JIS B2212 10K, DIN 2533 PN 10/16, ANSI 150#, BS4504 PN 10/16  Tightness Test: Operating Torque Test or JIS B2003, DIN 3230, AWWA C509, BS 6755  Materials:  Body: Ductile Iron, GGG-50 to DIN 1693 (BS 2789 grade 500-7) or Ductile Iron  Wedge: Ductile Iron (DI) + NBR or Ductile Iron, GGG-50, core fully encapsulated with EPDM rubber with integral wedge nut of dezincification resistant brass, CZ 132 to BS 2874  Wedge Nut: Brass or Dezincification Resistant Brass  Stem: Stainless Steel, DIN X 20 Cr 13 or Stainless Steel / Brass  Bonnet Gasket: EPDM Rubber or EPDM / NBR  Bonnet: Ductile Iron (DI) or Stainless Steel A2, sealed with hot melt  O-Ring: NBR or EPDM / NBR  Stem Collar: Brass  Gland Flange: Ductile Iron or Ductile Iron GJS-500-7 (GGG-50)  Dustproof Ring: NBR or EPDM / NBR  Hex Nut: Cast Iron  Overall Dimensions:</p> <table border="1"> <tr> <th>Size / DN</th> <th>Length (L) mm</th> <th>Height (H) mm</th> <th>Width or D mm</th> <th>Weight kgs</th> </tr> <tr> <td>DN100 (4")</td> <td>229</td> <td>334-430</td> <td>200-220</td> <td>26-28</td> </tr> </table> <p><b>COMBINATION AIR VALVES SPECIFICATIONS:</b>  <b>Technical Specifications:</b>  a) The valve shall consist of two floats (the bottom and the upper float), the bottom float drops and allowing the trapped air to be vented through the small nozzle at the center of the top float.</p>	Size / Diameter, DIN	Length (mm), DIN	Weight (kg)	4" (100mm)	300	26	Size / DN	Length (L) mm	Height (H) mm	Width or D mm	Weight kgs	DN100 (4")	229	334-430	200-220	26-28		
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**August 28, 2024**

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- b) The float shall have a float guide on two sides.
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**I.B Parts Specification of 2" Ø Combination Air Valves:**

Description	Material
Bonnet	PA6+30GF
Cover	D.I.
Flanged Base	D.I.
Elbow	Polypropylene
Float	Foam PP
Slider	PA6+30GF
Seal	EPDM
Spacer	POM
Auto Seal	EPDM
Flat Seal	EPDM
O-ring	Nitrilic Rubber
ID Plate	Aluminum
Screw Hex	SST
Washer	SST

Dimensions & Weights:	2" Ø
Height (H)	259.50 mm
Width (W)	214 mm
Thread (D)	2" (BSP/NPT)
Nozzle Area (A)	12.85 mm2
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- a) A refundable bid bond in the form of cash, Manager's or Cashier's check equivalent to 2% or a 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 ₱50,000.00 and above. Validity of the surety bond is 120 days from the date of opening of bids OR Bid

**August 28, 2024**

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<p>Securing Declaration regardless of the amount of bid;</p> <p>b) Terms of payment, delivery, warranty, bid validity, and complete specifications;</p> <p>c) Brochure/s (Original);</p> <p>d) Proof of payment of a non-refundable fee of <b>₱500.00</b>; otherwise, bids shall not be opened</p> <p>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;</p> <ul style="list-style-type: none"> <li>◦ For bidders who have principal foreign 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.</li> <li>◦ For locally produced/manufactured products, only a certificate of Authorized Distributorship / Dealership w/o red ribbon is required if applicable;</li> </ul> <p>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);</p> <p>g) International Certificate of Warranty.</p> <p><b>Envelope "B" to contain the bid cost per unit.</b></p>				

By: Supplier or Authorized Representative: \_\_\_\_\_ ( sign over printed name )

Deadline of submission of bids: **August 28, 2024** Opening of bids: **1:30 pm**

Prepared by: *signed* **PAUL RAJANO** OIC - PURCHASING      Noted by: *signed* **ATTY. MA. LUISA C. TENEDERO** BAC IN-HOUSE      *signed* **ENGR. REYNALDO C. JAYCO** BAC-TECHNICAL

**BWD RESERVES THE RIGHT TO REJECT BIDS &/OR DECLARE A FAILURE OF BIDDING**  
**PURSUANT TO THE PERTINENT PROVISIONS OF RA 9184**  
**BWD DOES NOT ENGAGE IN SOLICITATION OF FUNDS FROM ANY INDIVIDUALS OR ENTITIES, AND WE STRONGLY ADVISE**  
**AGAINST RESPONDING TO ANY UNAUTHORIZED REQUESTS CLAIMING ASSOCIATION WITH OUR ORGANIZATION.**