



## Bid Notice Abstract

### Invitation to Bid (ITB)

**Reference Number** 8781725  
**Procuring Entity** BAGUIO WATER DISTRICT - BAGUIO CITY  
**Title** various water connection fittings  
**Area of Delivery** Benguet

<b>Solicitation Number:</b>	06-020P-D/027P-E/032P-E/039P-B/049P-B/062P-E/065P	<b>Status</b>		<b>Pending</b>
<b>Trade Agreement:</b>	Implementing Rules and Regulations	<b>Associated Components</b>		1
<b>Procurement Mode:</b>	Public Bidding	<b>Bid Supplements</b>		0
<b>Classification:</b>	Goods	<b>Document Request List</b>		0
<b>Category:</b>	Water Service Connection Materials/Fittings	<b>Date Published</b>		24/06/2022
<b>Approved Budget for the Contract:</b>	PHP 4,028,749.00	<b>Last Updated / Time</b>		23/06/2022 13:39 PM
<b>Delivery Period:</b>		<b>Closing Date / Time</b>		13/07/2022 01:00 AM
<b>Client Agency:</b>				
<b>Contact Person:</b>	Ma. Luisa C Tenedero BAC In-House Chairman BWD Compound, Utility Road Baguio City Benguet Philippines 2600 63-74-4424858 63-74-4424858 purchasing.bwd2014@gmail.com			
<b>Description</b>  10 pieces Air Release Valve, PN 16 1" (heavy duty) -Minimal pressure for drift-tight sealing 0.2 bar -NPT thread for potable water Approved Budget Cost: ₱15,858.00 / pc  10 pieces Air Release Valve, PN 16 2" (heavy duty) -Minimal pressure for drift-tight sealing 0.2 bar -NPT thread for potable water Approved Budget Cost: ₱33,000.00 / pc  37 pieces 1/2" Ball Valve / Stop Cock Ball Type-Lock Wing (Threaded) -Elements of the valve should be free from dirt, and there should not be any dirt, chip, burrs, and flakes etc. before assembling. -The threaded parts of the socket should be coated with sealing glue. -The valve should not present block to the circulation of closing and opening, and it should be flexible. -When the valve is fully open, the degree of the body axis and ball axis should be less than 3 degrees. -Seal test should be carried and testing pressure should not be less than 0.6Mpa. -The valve should be turned off during delivery. Materials				

Body: CW617N ; Bonnet: CW617N  
Ball: Hpb57-3 ; Ball Seat: PTFE SM031  
Stem: Hpb57-3 ; Handle: Hpb57-3  
Elastic Cylindrical Pin: Stainless Steel  
Approved Budget Cost: ₱580.00 / pc

37 pieces 1/2" Check Valve, Class 125  
Screwed Cap, swing type disc, Threaded ends, WOG,  
Non-Shock, 1.38Mpa (200 psi), Saturated steam pressure  
(SSP), 0.86Mpa (125 psi)  
Materials:  
Body: bronze / brass; Cap: brass / bronze;  
Hinge pin: brass / stainless steel; Disc: brass  
Approved Budget Cost: ₱ 392.00 / pc

312 pieces 1"Ø Threaded Type Gate Valve, Class 125  
(please see complete specifications below)  
Approved Budget Cost: ₱846.00 / pc

2 pieces 1 1/2"Ø Gate Valve, threaded type  
(please see complete specifications below)  
Approved Budget Cost: ₱1,714.00 / pc

1 piece 2"Ø Gate Valve, threaded type  
(please see complete specifications below)  
Approved Budget Cost: ₱2,642.00 / pc

19 sets 2"Ø Gate Valve, Flanged type  
with Companion Steel Flanges, and BNG  
(please see complete specifications below)  
Approved Budget Cost: ₱11,600.00 / set

2 sets 3"Ø Gate Valve, Flanged type  
with Companion Steel Flanges, and BNG  
(please see complete specifications below)  
Approved Budget Cost: ₱17,270.00 / set

10 sets 4"Ø Gate Valve, Flange type  
with Companion Steel Flanges, and BNG  
(please see complete specifications below)  
Approved Budget Cost: ₱22,075.00 / set

10 sets 6"Ø Gate Valve, Flange type  
with Companion Steel Flanges, and BNG  
(please see complete specifications below)  
Approved Budget Cost: ₱38,945.00 / set

5 sets 8"Ø Gate Valve Flange Type  
with Companion Steel Flanges, and BNG  
(please see complete specifications below)  
Approved Budget Cost: ₱54,570.00 / set

2 sets 12"Ø Gate Valve, Flange type  
with Steel Flanges, and BNG  
(please see complete specifications below)  
Approved Budget Cost: ₱105,820.00

69 pieces 1/2"Ø HDPE Coupling  
Body: Polypropylene, high grade copolymer  
Split Ring: Acetal; Liner: Acetal, o-ring fixed inside;  
Seal: Nitrile Rubber NBR  
Approved Budget Cost: ₱246.00 / pc

10 pieces 3/4"Ø HDPE Coupling  
Body: Polypropylene, high grade copolymer  
Split Ring: Acetal; Liner: Acetal, o-ring fixed inside;  
Seal: Nitrile Rubber NBR  
Approved Budget Cost: ₱207.50 / pc

50 pieces 1" HDPE Coupling  
Body: Polypropylene, high grade copolymer  
Split Ring: Acetal; Liner: Acetal, o-ring fixed inside;  
Seal: Nitrile Rubber NBR  
Approved Budget Cost: ₱372.00 / pc

20 pieces 2" HDPE Coupling  
Body: Polypropylene, high grade copolymer  
Split Ring: Acetal; Liner: Acetal, o-ring fixed inside;



Seal: Nitrile Rubber NBR  
Approved Budget Cost: ₱1,070.00 / pc

15 pieces 3" HDPE Coupling  
Body: Polypropylene, high grade copolymer  
Split Ring: Acetal; Liner: Acetal, o-ring fixed inside;  
Seal: Nitrile Rubber NBR  
Approved Budget Cost: ₱4,002.00 / pc

20 pieces 2" HDPE Female Coupling Adapter  
Body: Polypropylene, high grade copolymer  
Split Ring: Acetal; Liner: Acetal, o-ring fixed inside;  
Seal: Nitrile Rubber NBR  
Approved Budget Cost: ₱1,194.00 / pc

1,227 pieces ½"Ø HDPE Male Coupling Adapter  
Body: Polypropylene, high grade copolymer  
Split Ring: Acetal; Liner: Acetal, o-ring fixed inside;  
Seal: Nitrile Rubber NBR  
Approved Budget Cost: ₱186.00 / pc

23 pieces ¾"Ø HDPE Male Coupling Adapter  
Body: Polypropylene, high grade copolymer  
Split Ring: Acetal; Liner: Acetal, o-ring fixed inside;  
Seal: Nitrile Rubber NBR  
Approved Budget Cost: ₱132.00 / pc

210 pieces 1"Ø HDPE Male Coupling Adapter  
Body: Polypropylene, high grade copolymer  
Split Ring: Acetal; Liner: Acetal, o-ring fixed inside;  
Seal: Nitrile Rubber NBR  
Approved Budget Cost: ₱148.00 / pc

5 1/2"Ø HDPE Male Coupling Adapter  
Body: Polypropylene, high grade copolymer  
Split Ring: Acetal; Liner: Acetal, o-ring fixed inside;  
Seal: Nitrile Rubber NBR  
Approved Budget Cost: ₱564.00 / pc

63 pieces 2"Ø HDPE Male Coupling Adapter  
Body: Polypropylene, high grade copolymer  
Split Ring: Acetal; Liner: Acetal, o-ring fixed inside;  
Seal: Nitrile Rubber NBR  
Approved Budget Cost: ₱966.00 / pc

250 pieces 1"Ø Poly BST Elbow  
Body – Polypropylene, high grade copolymer;  
Split Ring – Acetal; Seal – Nitrile Rubber NBR  
Approved Budget Cost: ₱338.00 / pc

105 pieces 2" x 1" Tapping Saddle  
(please see complete specifications below)  
Approved Budget Cost: ₱ 4,196.00 / pc

65 pieces 3" x 1" Tapping Saddle  
(please see complete specifications below)  
Approved Budget Cost: ₱ 4,496.00 / pc

85 pieces 4" x 1" Tapping Saddle  
(please see complete specifications below)  
Approved Budget Cost: ₱4,564.00 / pc

20 pieces 6" x 1" Tapping Saddle  
(please see complete specifications below)  
Approved Budget Cost: ₱5,844.00 / pc

1 piece Universal Tapper 8" x 2"  
(please see complete specifications below)  
Approved Budget Cost: ₱25,338.00 / pc

1 piece Universal Tapper 10" x 2"  
(please see complete specifications below)  
Approved Budget Cost: ₱28,816.00 / pc

1 piece Universal Tapper 12" x 2"  
(please see complete specifications below)  
Approved Budget Cost: ₱28,816.00 / pc

3 pieces Universal Tapper 8" x 1"  
(please see complete specifications below)  
Approved Budget Cost: ₱2,876.00 / pc

2 pieces Universal Tapper 10" x 1"  
(please see complete specifications below)  
Approved Budget Cost: ₱ 2,910.00 / pc

1 piece Universal Tapper 12" x 1"  
(please see complete specifications below)  
Approved Budget Cost: ₱2,978.00 / pc

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BALL VALVE (THREADED) SPECIFICATIONS:  
-Elements of the valve should be free from dirt, and there should not be any dirt, chip, burrs, and flakes etc. before assembling.  
-The threaded parts of the socket should be coated with sealing glue.  
-The valve should not present block to the circulation of closing and opening, and it should be flexible.  
-When the valve is fully open, the degree of the body axis and ball axis should be less than 3 degrees.  
-Seal test should be carried and testing pressure should not be less than 0.6Mpa.  
-The valve should be turned off during delivery.

Materials  
Body: CW617N ; Bonnet: CW617N  
Ball: Hpb57-3 ; Ball Seat: PTFE SM031  
Stem: Hpb57-3 ; Handle: Hpb57-3  
Elastic Cylindrical Pin: Stainless Steel

GATE VALVE (THREADED) SPECIFICATIONS:  
Features: Brass Body, Non-Rising stem, Screw-over bonnet, Threaded ends  
Specifications:  
Nominal pressure: Non-shock working pressure Max working pressure 150 psi  
Fitting to withstand min. working pressure of 1.00 Thread shall be NPT Water way shall unobstructed when fully opened  
Material List  
Handwheel: Alloy / Packing Nut: Brass  
Bonnet: Brass / Stem: Brass Rod  
Wedge: Brass / Body: Brass  
Bonnet Gasket: Plastic / Packing: Teflon

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 degree 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  
Handwheel: Ductile Iron (DI)  
Hex Nut: Cast Iron  
Overall Dimensions:  
Size / DN Length (L)  
mm  
Height (H)  
mm  
Width or D  
mm  
Weight kgs  
DN50 (2") 178 300-241 160-165 13-14  
DN80 (3") 203 297-390 200 20-23  
DN100 (4") 229 334-430 200-220 26-28  
DN150 (6") 267 448-565 260-285 51-52  
DN200 (8") 292 562-680 320-340 77-83  
DN300 (12") 356 740-930 400-455 176-187

TAPPING SADDLE SPECIFICATIONS:  
Body: Polypropylene, high grade copolymer  
Nuts: Polypropylene, high grade copolymer



Split Ring: Acetal (POM); Seal: EPDM;  
Bolts: Plated Steel; Nuts: Stainless steel, filled with self boring mechanism made of brass that will function as a valve; O-Ring of outlet fixed inside the body. Threads must conform to ISO – 7/1, BS21 – 1973, DIN 2999, NEN 3258, AS 1722 part. 1-1975. Quality conforms to ISO-9002.

UNIVERSAL TAPPING SADDLE SPECIFICATIONS:  
For all kinds of pipe and sizes except PE Pipe Tapping on PA adaptor internally threaded  
Threading to BSP 1/2", 3/4", and 1"  
Use: for water and neutral liquids to max. 70°C  
Maximum working pressure: 16 bar  
Materials:  
Saddle upper part: Ductile Iron, GGG-50, to DIN 1693 (BS 2789 grade 500-7) with rubber liner  
Stirrup (lower part): Stainless Steel A2  
Coating: Electro-statically applied epoxy resin to DIN 30677 – internally and externally; Stirrup Bushing: Stainless Steel 303;  
Adaptor: Polyamide PA-11GF; Rubber Gasket: NBR; Rubber  
Lining: NBR; Bolts: Stainless Steel A2; Washer: Stainless Steel A2;  
Support Washer: PE-HD  
Option:  
Bolt/Washer: Stainless Steel A4; Adaptor: Blank (No hole);  
Stirrup (lower part): other brand size / 100mm band width

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 ₱ 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 ₱5,000.00; 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

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BAGUIO WATER DISTRICT  
BWD Compound, Utility Road, Baguio City 2600

REQUEST FOR BIDS/QUOTATION (RQ)

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

To: \_\_\_\_\_  
(Name of Supplier)

Contact Person: \_\_\_\_\_

Address: \_\_\_\_\_

Contact no.: \_\_\_\_\_

RQ No.: **06 – 020P-D / 027P-E / 032P-E / 039P-B / 049P-B / 062P-E / 065P**

PR / JO No.: **020P / 027P / 032P / 039P / 049P / 062P / 065P**

Date of RQ: **June 17, 2022**


Purpose of RQ:  
For various BWD Projects

**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>10 pcs</b>	<b>Air Release Valve, PN 16 1" (heavy duty)</b> -Minimal pressure for drift-tight sealing 0.2 bar -NPT thread for potable water Approved Budget Cost: ₱15,858.00 / pc		
<b>DELIVERY :</b> _____ working days _____ calendar days _____ FOB warehouse	<b>10 pcs</b>	<b>Air Release Valve, PN 16 2" (heavy duty)</b> -Minimal pressure for drift-tight sealing 0.2 bar -NPT thread for potable water Approved Budget Cost: ₱33,000.00 / pc		
<b>WARRANTY</b> _____ calendar days upon acceptance.	<b>37 pcs</b>	<b>½" Ball Valve / Stop Cock Ball Type-Lock Wing (Threaded)</b> -Elements of the valve should be free from dirt, and there should not be any dirt, chip, burrs, and flakes etc. before assembling. -The threaded parts of the socket should be coated with sealing glue. -The valve should not present block to the circulation of closing and opening, and it should be flexible. -When the valve is fully open, the degree of the body axis and ball axis should be less than 3 degrees. -Seal test should be carried and testing pressure should not be less than 0.6Mpa. -The valve should be turned off during delivery. Materials Body: CW617N ; Bonnet: CW617N Ball: Hpb57-3 ; Ball Seat: PTFE SM031 Stem: Hpb57-3 ; Handle: Hpb57-3 Elastic Cylindrical Pin: Stainless Steel Approved Budget Cost: ₱580.00 / pc		
<b>TERMS:</b>	<b>37 pcs</b>	<b>1/2" Check Valve, Class 125</b> Screwed Cap, swing type disc, Threaded ends, WOG, Non-Shock, 1.38Mpa (200 psi), Saturated steam pressure (SSP), 0.86Mpa (125 psi) Materials: Body: bronze / brass; Cap: brass / bronze; Hinge pin: brass / stainless steel; Disc: brass Approved Budget Cost: ₱ 392.00 / pc		
	<b>312 pcs</b>	<b>1"Ø Threaded Type Gate Valve, Class 125</b> (please see complete specifications below) Approved Budget Cost: ₱846.00 / pc		

13 JUL 2022



	<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>		Effectivity Date	February 15, 2020
			Revision No.	00

	2 pcs	<b>1 1/2"Ø Gate Valve, threaded type</b> (please see complete specifications below) Approved Budget Cost: ₱1,714.00 / pc			
	1 pc	<b>2"Ø Gate Valve, threaded type</b> (please see complete specifications below) Approved Budget Cost: ₱2,642.00 / pc			
	19 sets	<b>2"Ø Gate Valve, Flanged type</b> with Companion Steel Flanges, and BNG (please see complete specifications below) Approved Budget Cost: ₱11,600.00 / set			
	2 sets	<b>3"Ø Gate Valve, Flanged type</b> with Companion Steel Flanges, and BNG (please see complete specifications below) Approved Budget Cost: ₱17,270.00 / set			
	10 sets	<b>4"Ø Gate Valve, Flange type</b> with Companion Steel Flanges, and BNG (please see complete specifications below) Approved Budget Cost: ₱22,075.00 / set			
	10 sets	<b>6"Ø Gate Valve, Flange type</b> with Companion Steel Flanges, and BNG (please see complete specifications below) Approved Budget Cost: ₱38,945.00 / set			
	5 sets	<b>8"Ø Gate Valve Flange Type</b> with Companion Steel Flanges, and BNG (please see complete specifications below) Approved Budget Cost: ₱54,570.00 / set			
	2 sets	<b>12"Ø Gate Valve, Flange type</b> with Steel Flanges, and BNG (please see complete specifications below) Approved Budget Cost: ₱105,820.00			
	69 pcs	<b>1/2"Ø HDPE Coupling</b> Body: Polypropylene, high grade copolymer Split Ring: Acetal; Liner: Acetal, o-ring fixed inside; Seal: Nitrile Rubber NBR Approved Budget Cost: ₱246.00 / pc			
	10 pcs	<b>3/4"Ø HDPE Coupling</b> Body: Polypropylene, high grade copolymer Split Ring: Acetal; Liner: Acetal, o-ring fixed inside; Seal: Nitrile Rubber NBR Approved Budget Cost: ₱207.50 / pc			
	50 pcs	<b>1" HDPE Coupling</b> Body: Polypropylene, high grade copolymer Split Ring: Acetal; Liner: Acetal, o-ring fixed inside; Seal: Nitrile Rubber NBR Approved Budget Cost: ₱372.00 / pc			

13 JUL 2022

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	15 pcs	<b>3" HDPE Coupling</b> Body: Polypropylene, high grade copolymer Split Ring: Acetal; Liner: Acetal, o-ring fixed inside; Seal: Nitrile Rubber NBR Approved Budget Cost: ₱4,002.00 / pc		
	20 pcs	<b>2" HDPE Female Coupling Adapter</b> Body: Polypropylene, high grade copolymer Split Ring: Acetal; Liner: Acetal, o-ring fixed inside; Seal: Nitrile Rubber NBR Approved Budget Cost: ₱1,194.00 / pc		
	1,227 pcs	<b>½"Ø HDPE Male Coupling Adapter</b> Body: Polypropylene, high grade copolymer Split Ring: Acetal; Liner: Acetal, o-ring fixed inside; Seal: Nitrile Rubber NBR Approved Budget Cost: ₱186.00 / pc		
	23 pcs	<b>¾"Ø HDPE Male Coupling Adapter</b> Body: Polypropylene, high grade copolymer Split Ring: Acetal; Liner: Acetal, o-ring fixed inside; Seal: Nitrile Rubber NBR Approved Budget Cost: ₱132.00 / pc		
	210 pcs	<b>1"Ø HDPE Male Coupling Adapter</b> Body: Polypropylene, high grade copolymer Split Ring: Acetal; Liner: Acetal, o-ring fixed inside; Seal: Nitrile Rubber NBR Approved Budget Cost: ₱148.00 / pc ✓		
	5 pcs	<b>1 1/2"Ø HDPE Male Coupling Adapter</b> Body: Polypropylene, high grade copolymer Split Ring: Acetal; Liner: Acetal, o-ring fixed inside; Seal: Nitrile Rubber NBR Approved Budget Cost: ₱564.00 / pc ✓		
	63 pcs	<b>2"Ø HDPE Male Coupling Adapter</b> Body: Polypropylene, high grade copolymer Split Ring: Acetal; Liner: Acetal, o-ring fixed inside; Seal: Nitrile Rubber NBR Approved Budget Cost: ₱966.00 / pc 60,858		
	250 pcs	<b>1"Ø Poly BST Elbow</b> Body – Polypropylene, high grade copolymer; Split Ring – Acetal; Seal – Nitrile Rubber NBR Approved Budget Cost: ₱338.00 / pc 84,500		
	105 pcs	<b>2" x 1" Tapping Saddle</b> (please see complete specifications below) Approved Budget Cost: ₱ 4,196.00 / pc 440,500		
	65 pcs	<b>3" x 1" Tapping Saddle</b> (please see complete specifications below) Approved Budget Cost: ₱ 4,496.00 / pc 292,240		









**BAGUIO WATER DISTRICT**  
**BWD Compound, Utility Road, Baguio City 2600**

**REQUEST FOR BIDS/QUOTATION (RQ)**

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Material List  
Handwheel: Alloy / Packing Nut: Brass  
Bonnet: Brass / Stem: Brass Rod  
Wedge: Brass / Body: Brass  
Bonnet Gasket: Plastic / Packing: Teflon

**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 degree 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  
Handwheel: Ductile Iron (DI)  
Hex Nut: Cast Iron  
Overall Dimensions:

Size / DN	Length (L) mm	Height (H) mm	Width or D mm	Weight kgs
DN50 (2")	178	300-241	160-165	13-14
DN80 (3")	203	297-390	200	20-23
DN100 (4")	229	334-430	200-220	26-28
DN150 (6")	267	448-565	260-285	51-52
DN200 (8")	292	562-680	320-340	77-83
DN300 (12")	356	740-930	400-455	176-187

**TAPPING SADDLE SPECIFICATIONS:**


Body: Polypropylene, high grade copolymer  
Nuts: Polypropylene, high grade copolymer  
Split Ring: Acetal (POM); Seal: EPDM;  
Bolts: Plated Steel; Nuts: Stainless steel, filled with self boring mechanism made of brass that will function as a valve; O-Ring of outlet fixed inside the body. Threads must conform to ISO – 7/1, BS21 – 1973, DIN 2999, NEN 3258, AS 1722 part. 1-1975. Quality conforms to ISO-9002.

**UNIVERSAL TAPPING SADDLE SPECIFICATIONS:**

For all kinds of pipe and sizes except PE Pipe  
Tapping on PA adaptor internally threaded  
Threading to BSP 1/2", 3/4", and 1"  
Use: for water and neutral liquids to max. 70°C  
Maximum working pressure: 16 bar  
Materials:  
Saddle upper part: Ductile Iron, GGG-50, to DIN 1693 (BS 2789 grade 500-7) with rubber liner  
Stirrup (lower part): Stainless Steel A2  
Coating: Electro-statically applied epoxy resin to DIN 30677 – internally and externally; Stirrup Bushing: Stainless Steel 303;  
Adaptor: Polyamide PA-11GF; Rubber Gasket: NBR; Rubber Lining: NBR; Bolts: Stainless Steel A2; Washer: Stainless Steel A2;

13 JUL 2022



	<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>	Effectivity Date	February 15, 2020
		Revision No.	00

	<p>Support Washer: PE-HD Option: Bolt/Washer: Stainless Steel A4; Adaptor: Blank (No hole); Stirrup (lower part): other brand size / 100mm band width</p> <p><b>Note: Not to be awarded on a one (1) lot basis.</b></p> <p><b>This is a two (2) envelope system:</b>  <b>Envelope "A" to contain the following; among others:</b></p> <ul style="list-style-type: none"> <li>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 ₱ 50,000.00 and above. Validity of the surety bond is 120 days from the date of opening of bids <u>OR</u> Bid Securing Declaration regardless of amount of bid;</li> <li>b) Terms of payment, delivery, warranty, bid validity and complete specifications;</li> <li>c) Brochure/s (Original);</li> <li>d) Proof of payment of a non-refundable fee of <b>₱5,000.00</b>; otherwise, bids shall not be opened</li> <li>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;</li> </ul> <p>-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.</p> <p>-For locally produced / manufactured products, only a certificate of Authorized Distributorship / Dealership w/o red ribbon is required if applicable;</p> <ul style="list-style-type: none"> <li>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);</li> <li>g) International Certificate of Warranty.</li> </ul> <p><b>Envelope "B" to contain the bid cost per unit.</b></p> <p><b>Pre-bid conference:</b>  <b>9:30am via Zoom Application</b>  <b>Meeting ID: 452 718 8447</b>  <b>Password: 9Buvqr</b></p>			
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<b>By: Supplier or Authorized Representative:</b> _____ ( sign over printed name )	
<b>Deadline of submission of bids:</b> _____	<b>Opening of bids:</b> <b>1:30 pm</b>
<b>Prepared by:</b> <u>MGLamangan</u> PURCHASING	<b>Noted by:</b> <u>ATTY. MA. LUISA C. TENEDERO</u> BAC IN-HOUSE
	<b>ENGR. GUILLERMO V. LUCERO</b> 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**