



Bid Notice Abstract

Invitation to Bid (ITB)

Reference Number 10653542
Procuring Entity BAGUIO WATER DISTRICT - BAGUIO CITY
Title Various Fittings
Area of Delivery Benguet

Solicitation Number: 03-038P-C	Status	Pending
Trade Agreement: Implementing Rules and Regulations		
Procurement Mode: Public Bidding	Associated Components	1
Classification: Goods		
Category: Water Service Connection Materials/Fittings	Bid Supplements	0
Approved Budget for the Contract: PHP 5,784,154.56		
Delivery Period:	Document Request List	0
Client Agency:		
Contact Person: Ma. Luisa C Tenedero Chairperson, Bids and Awards Committee BWD Compound, Utility Road Baguio City Benguet Philippines 2600 63-74-4424858 63-74-4424858 purchasing.bwd2014@gmail.com	Date Published	13/03/2024
	Last Updated / Time	12/03/2024 16:23 PM
	Closing Date / Time	08/04/2024 13:30 PM

Description

5 pcs 1" Air Release Valve
(Please see complete specifications below)
Approved Budget Cost: ₱15,400.00 / pc
2 pcs 2" Air Release Valve
(Please see complete specifications below)
Approved Budget Cost: ₱27,527.00 / pc
1,360 ½" Ball Valve / Stop Cock Ball Type-Lock Wing
(Threaded)
(Please see complete specifications below)
Approved Budget Cost: ₱638.00 / pc
22 pcs ¾" Ball Valve / Stop Cock Ball Type-Lock Wing (Threaded)
(Please see complete specifications below)
Approved Budget Cost: ₱915.00 / pc
5 pcs 1" Ball Valve / Stop Cock Ball Type-Lock Wing (Threaded)
(Please see complete specifications below)
Approved Budget Cost: ₱1,252.00 / pc
1,500 ½" 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: ₱431.00 / pc
27 pcs 1" 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: ₱735.00 / pc
11 pcs 1 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: ₱1,591.00 / pc
6 pcs 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: ₱2,570.00 / pc
415 pcs 1" Ø Gate Valve, Threaded Type Class 125
(Please see complete specifications below)
Approved Budget Cost: ₱931.00 / pc
12 pcs 1 1/2" Ø Gate Valve, threaded type
(Please see complete specifications below)
Approved Budget Cost: ₱1,886.00 / pc
10 pcs 2" Ø Gate Valve, threaded type
(Please see complete specifications below)
Approved Budget Cost: ₱2,906.00 / pc
8 pcs 2" Ø Gate Valve, flanged type with companion steel flanges and BNG
(Please see complete specifications below)
Approved Budget Cost: ₱12,508.00 / pc
4 pcs 3" Ø Gate Valve, flanged type with companion steel flanges and BNG
(Please see complete specifications below)
Approved Budget Cost: ₱18,795.00 / pc
7 pcs 4" Ø Gate Valve, flanged type with companion steel flanges and BNG
(Please see complete specifications below)
Approved Budget Cost: ₱27,479.00 / pc
3 pcs 6" Ø Gate Valve, flanged type with companion steel flanges and BNG
(Please see complete specifications below)
Approved Budget Cost: ₱42,600.00 / pc
1 pc 12" Ø Gate Valve, flanged type with companion steel flanges and BNG
(Please see complete specifications below)
Approved Budget Cost: ₱108,370.00 / pc
6 pcs 2" Ø Gate Valve, flanged type with combination flanges and sealing ring and bolts & nuts
(Please see complete specifications below)
Approved Budget Cost: ₱11,845.00 / pc
3 pcs 3" Ø Gate Valve, flanged type with combination flanges and sealing ring and bolts & nuts
(Please see complete specifications below)
Approved Budget Cost: ₱19,464.00 / pc
6 pcs 4" Ø Gate Valve, flanged type with combination flanges and sealing ring and bolts & nuts
(Please see complete specifications below)
Approved Budget Cost: ₱23,001.00 / pc
2 pcs 6" Ø Gate Valve, flanged type with combination flanges and sealing ring and bolts & nuts
(Please see complete specifications below)
Approved Budget Cost: ₱39,310.00 / pc
1 pc 10" Ø Gate Valve, flanged type with combination flanges and sealing ring and bolts & nuts
(Please see complete specifications below)
Approved Budget Cost: ₱85,307.00 / pc
1 pc 12" Ø Gate Valve, flanged type with combination flanges and sealing ring and bolts & nuts
(Please see complete specifications below)
Approved Budget Cost: ₱106,302.00 / pc
390 pcs 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: ₱278.00 / pc
50 pcs 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: ₱196.00 / pc
 350 pcs 1" Ø HDPE Coupling
 Body: Polypropylene, high grade copolymer
 Split Ring: Acetal; Liner: Acetal, o-ring fixed inside;
 Seal: Nitrile Rubber NBR
 Approved Budget Cost: ₱420.00 / pc
 40 pcs 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: ₱1,046.00 / pc
 40 pcs 2" Ø 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: ₱1,347.00 / pc
 1,930 pcs 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: ₱210.00 / pc
 53 pcs 3/4" 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: ₱122.00 / pc
 530 pcs 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: ₱167.00 / pc
 16 pcs 1 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: ₱636.00 / pc
 86 pcs 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: ₱1,089.00 / pc
 520 pcs 1" Ø HDPE Poly BST Elbow
 Body – Polypropylene, high grade copolymer;
 Split Ring – Acetal; Seal – Nitrile Rubber NBR
 Approved Budget Cost: ₱381.00 / pc
 180 pcs 2" x 1" Tapping Saddle
 (Please see complete specifications below)
 Approved Budget Cost: ₱ 4,196.00 / pc
 55 pcs 3" x 1" Tapping Saddle
 (Please see complete specifications below)
 Approved Budget Cost: ₱ 5,883.00 / pc
 20 pcs 4" x 1" Tapping Saddle
 (Please see complete specifications below)
 Approved Budget Cost: ₱4,668.00 / pc
 6 pcs Universal Tapper 8" x 1" (for PVC)
 (Please see complete specifications below)
 Approved Budget Cost: ₱14,762.00 / pc
 3 pcs Universal Tapper 8" x 2"
 (Please see complete specifications below)
 Approved Budget Cost: ₱5,909.90 / pc
 3 pcs niversal Tapper 10" x 2"
 (Please see complete specifications below)
 Approved Budget Cost: ₱6,144.97 / pc
 3 pcs Universal Tapper 12" x 2"
 (Please see complete specifications below)
 Approved Budget Cost: ₱6,378.65 / pc
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COMBINATION AIR VALVES SPECIFICATIONS:

Technical Specifications:

- 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.
- The float shall have a float guide on two sides.
- The valve shall be made of Cast Iron / Ductile Iron with Glass Reinforced Plastic (GRP) inner body

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

I.A Parts Specification of 1" Ø Combination Air Valves:

Description Material

Base Brass

O-ring NBR

Automatic Float Foamed Polypropylene

Automatic Seal EPDM

Bonnet PA6+30GF

Drainage Elbow Polypropylene

ID Plate AL

Metallic Cover Cast Iron

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:

1" Ø 2" Ø

Height (H) 137 mm 259.50 mm

Width (W) 99.5 mm 214 mm

Thread (D) 1" (BSP/NPT) 2" (BSP/NPT)

Nozzle Area (A) 12.85 mm² 12.85 mm²

Total Width (L) 116.5 mm -

Drainage Diameter (E) 1/4" BSP 1 1/2" BSP

Kinetic Nozzle Area (K) - 908 mm

Flange ISO 6/25 /

ANSI 1 50

Weight 2 kgs. 9 kgs.

BALL VALVE 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

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

DN250

(10")

330 664-820 400 127-132

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 ½", ¾", 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

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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 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 ₱10,000.00; 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 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.

Pre-bid conference: March 25, 2024
9:30am via Zoom Application
Meeting ID: 452 718 8447
Password: 9Buvqr

Pre-bid Conference

Date	Time	Venue
25/03/2024	9:30:00 AM	Pre-bid conference: March 25, 2024 9:30 am via Zoom Application Meeting ID: 452 718 8447 Password: 9Buvqr

Created by Ma. Luisa C Tenedero

Date Created 12/03/2024

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