



TECHNICAL SPECIFICATION

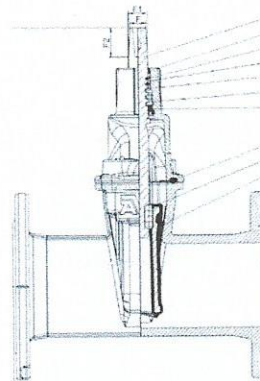
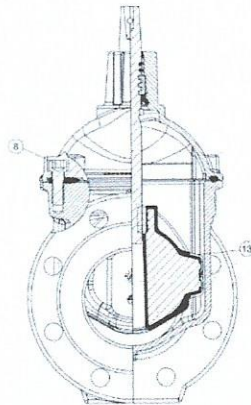
TITLE: PURCHASE OF BRAND-NEW DI GATE VALVE F/F WITH HOT DIP GALVANIZE BOLTS & NUTS

1.0 SCOPE OF CONTRACT

The scope shall be supply and delivery of One (1) set **brand-new DI Gate Valve F/F with Hot Dip Galvanize Bolts & Nuts** to General Santos City Water District (GSCWD).

Particulars	Requirements
Body	Ductile Iron
Stem	Stainless Steel
Wiper Ring, O-ring	NBR Rubber
Bearing	Polyamide
Bonnet	Ductile Iron
Thrust Collar	Brass
Manchette	EPDM Rubber
Bonnet bolt	Stainless Steel
Bonnet Gasket	EPDM Rubber
Pressure Nominale	PN16

2.0 DRAWING





3.0 DIMENSIONS

DN	Flange drilling	L	H	H3	F	F1	F2	W	Theoretical weight/kg
mm		mm	mm	mm	mm	mm	mm	mm	
300	PN16	356	707	934	27	31	47	455	118
250	PN16	330	625	825	27	31	47	400	82
200	PN16	292	490	660	24	27	34	340	51
150	PN16	267	401	543	19	22	34	285	32
100	PN16	229	305	415	19	22	34	220	17

4.0 STANDARDS

- EN 1074 part 1 & 2
- Face-to-face dimension according to EN 558
- Flange drilling according to EN 1092, PN10/16

5.0 TESTS/APPROVALS

- Seat: 1.1 x PN (in bar), Body: 1.5 x PN (in bar). Operation torque test
- Approved according to ACS Certificate 18 ACC NY 369

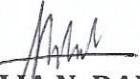
6.0 TERMS AND CONDITIONS

- The scope of work shall be supply and delivery One (1) set **brand new DI Gate Valve F/F with Hot Dip Galvanize Bolts & Nuts** to General Santos City Water District (GSCWD).
- All bidder is required to submit and include documents but not limited to **manuals, data sheets, and Manufacturers Authorization Certificate specific to this project** in there bidding documents
- The winning bidder shall deliver the One (1) set **brand-new DI Gate Valve F/F with Hot Dip Galvanize Bolts & Nuts, within Ninety (90) calendar days** upon receipt of Purchase Order (PO).
- The winning bidder shall be subjected to Liquidated Damages (LD) for each day of delay as provided by the IRR of RA 9184.
- That the winning bidder shall issue a warranty certificate of at least ten (10) years and the warranty shall commence from the date of commissioning of the pumping equipment. That the bidder must have an available qualified and trained technicians 24/7 in case of equipment failure.



Republic of the Philippines
GENERAL SANTOS CITY WATER DISTRICT (GSCWD)
GSCWD Bldg., E. Fernandez Street (Emergency Road), Lagao, General Santos City
Telephone No.: 552-3824/554-7231; Telefax No.: 553-4960
E-mail Address: gscwaterdistrict@yahoo.com

Prepared by:


MA. CELIA N. DANDAN, CE
TWG - Member


MICHAEL G. GABALES, REE
TWG - HEAD

Approval:


ARN B. GELLANGARIN, PME
General Manager A