

Multi-jet Dry Type Water meter

Brand: CHANGDE

P.R. No.

Item Code: 398MW12C

Technical Specifications

Offered Brand:

A. Application

Clean, Potable and Cold Drinking Water

1. Water temperature

Up to +50°C for cold water (T50)

2. Accuracy

Class 2 ISO 4064 and MID certified.

3. 360° Rotating lid

Not required

4. Non return valve

Required

5. Special glass with high resistance to pressure and impact

Not required

6. Electrostatic painted body made of corrosion resistant brass

Not required

7. Protection against external magnetic fields

Not required

8. Available for optical reading

Not required

9. Pulse output and AMR reading features

Optional

10. Q4 (Maximum Flow), m³/hr, Allowable error = ± 2%

3.125

11. Q3 (Permanent), m³/hr, Allowable error = ± 2%

2.5

12. Q2 (Transitional), li/hr, Allowable error = ± 2%

25

13. Q1 (Minimum Flow), li/hr, Allowable error = ± 5%

16

10. Measuring Ratio: Q3/Q1,

160

11. Mounting on the network

Horizontal

12. Initial Flow, Qi, li/hr

5

13. Installation position

Horizontal

14. Maximum Working Pressure

1.6 Mpa or 230 psi

15. Pressure loss class

≤ 0.1 bar

16. Maximum Registration Capacity, m³/hr

99999

17. Smallest Reading Resolution, m³/hr

0.00005

18. Class

ISO 4064, Class B

B. Dimensions

19. Nominal Diameter

15 mm

20. Connecting diameter

3/4 in.

21. Total Overall Height

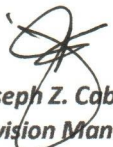
106 mm

22. Length

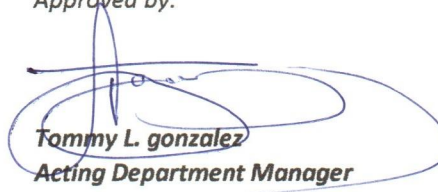
165 mm

23. Width	96 mm
24. Length with connections	259 mm
C. Warranty and Pre-requisites	
25. 1 year warranty	Required
26. Service and spare parts available for 5 years	Required
27. All water meters found to be defective while undergoing accuracy test prior to field deployment shall be replaced with new units and still subject to retesting.	Required
28. All delivered units should be in accordance to the submitted brochure(s) and have passed the accuracy test. Afterwards, it shall undergo endurance performance test in the field for 1 year.	Required
29. Issuance of Compliance Certificate will depend on the passing results after a year of endurance performance test in the field.	Required
<i>Remarks</i>	

Prepared by:


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Meter Maintenance Division
Production Department

Approved by:


Tommy L. Gonzalez
Acting Department Manager
Production Department


TERMS OF REFERENCE

SUPPLY AND DELIVERY OF BRAND NEW FLOWMETER 15mm (1/2"Ø)

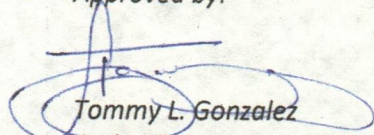
(FOR TEST PURCHASE)

1. The bidder/vendor/supplier must have at least a minimum of 5 years in existence in the business.
2. The bidder/vendor/supplier must submit an original complete set of brochures and shop drawings and indicate the offered items for proper evaluation.
3. The bidder/vendor/supplier must supply the same brand of water meter as specified in the test purchase.
4. The bidder/vendor/supplier shall deliver the flowmeter equipment to MCWD Warehouse located at Nasipit, Talamban, Cebu City.
5. The bidder/vendor/supplier shall conduct a free orientation for the operation, its preventive maintenance and basic troubleshooting of the flowmeter to MCWD personnel involved in the operation and maintenance.
6. The bidder/vendor/supplier should replace any flowmeter found to be defective during and after conducting the final accuracy testing.
7. The bidder/vendor/supplier is a bonafide and authorized to bid from the manufacturer.
8. The bidder/vendor/supplier must submit or issue the following certification:
 - i.) Certificate to provide technical support for the supplied equipment even after the transaction was consummated.
 - ii.) Certificate of spare parts availability in the next 5 years' period.
 - iii.) Certificate of warranty for a period of 1 year after the issuance of the Certificate of Acceptance.
9. MCWD has the exclusive right to deny or disqualify any bidder/vendor/supplier/manufacturer that has been found to have pending or unresolved technical issues specifically on 15mm (1/2"Ø) flowmeter on their previous deliveries or transactions.

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