

# Multi-jet Dry Type Water meter

Brand: EOG

P.R. No.

Item Code: 398MW12EOG

## Technical Specifications

### Offered Brand:

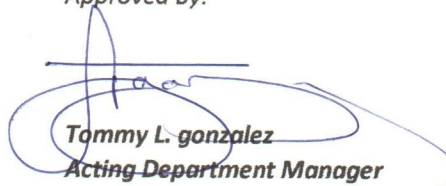
| <b>A. Application</b>   |                            |
|---|----------------------------|
| Clean, Potable and Cold Drinking Water                            |                            |
| 1. Water temperature  | Up to +50°C for cold water |
| 2. Accuracy   | Class 2 ISO 4064           |
| 3. 360° Rotating lid  | Not required               |
| 4. Non return valve   | Not 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), m <sup>3</sup> /hr, Allowable error = ± 2% | 3.125                      |
| 11. Q3 (Permanent), m <sup>3</sup> /hr, Allowable error = ± 2%    | 2.5                        |
| 12. Q2 (Transitional), li/hr, Allowable error = ± 2%              | 25                         |
| 13. Q1 (Minimum Flow), li/hr, Allowable error = ± 5%              | 15.62                      |
| 10. Measuring Ratio: Q3/Q1, MI-001 OIML R49                       | 160                        |
| 11. Mounting on the network                                       | Horizontal                 |
| 12. Initial Flow, Qi, li/hr                                       | Not required               |
| 13. Installation position   | Horizontal                 |
| 14. Maximum Working Pressure                                      | 10 bar                     |
| 15. Pressure loss class   | < 1 bar                    |
| 16. Maximum Registration Capacity, m <sup>3</sup> /hr             | 99999                      |
| 17. Smallest Reading Resolution, m <sup>3</sup> /hr               | 0.00005                    |
| 18. Class   | ISO 4064, Class B          |
| <b>B. Dimensions</b>  |                            |
| 19. Nominal Diameter  | 15 mm                      |
| 20. Connecting diameter   | G 3/4 in. B                |
| 21. Total Overall Height  | 104 mm                     |
| 22. Length  | 165 mm                     |

|  |          |
|--|----------|
| 23. Width  | 80 mm    |
| 24. Length with connections  | 165 mm   |
| <b>C. Warranty and Pre-requisites</b>  |          |
| 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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**Approved by:**

  
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## TERMS OF REFERENCE

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

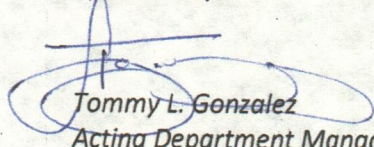
#### (FOR TEST PURCHASE)

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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