

# Multi-jet Dry Type Water meter

Brand: BAYLAN TK-4

P.R. No.

Item Code: 398MW12BTK


## Technical Specifications

### Offered Brand:

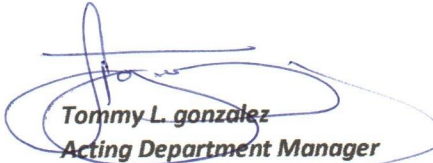
<b>A. Application</b>	
Clean, Potable and Cold Drinking Water	
1. Water temperature	Up to +50°C for cold water
2. Accuracy	Class 2 ISO 4064 and MID certified.
3. 360° Rotating lid	Provided
4. Non return valve	Provided
5. Special glass with high resistance to pressure and impact	Provided
6. Electrostatic painted body made of corrosion resistant brass	Provided
7. Protection against external magnetic fields	Provided
8. Available for optical reading	Provided
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%	16
13. Q1 (Minimum Flow), li/hr, Allowable error = ± 5%	10
10. Measuring Ratio: Q3/Q1, MI-001 OIML R49	≤ 250
11. Mounting on the network	Horizontal
12. Initial Flow, Qi, li/hr	5
13. Installation position	Horizontal
14. Maximum Working Pressure	16 bar
15. Pressure loss class	0.63 bar
16. Maximum Registration Capacity, m <sup>3</sup> /hr	99999.99
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	3/4 in.
21. Total Overall Height	118 mm
22. Length	165 mm

23. Width	95 mm
24. Length with connections	245 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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**Production Department**

**Approved by:**

  
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**Acting Department Manager**  
**Production Department**


## TERMS OF REFERENCE

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

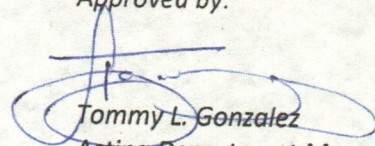
#### (FOR TEST PURCHASE)

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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