

TERMS OF REFERENCE

SUPPLY AND DELIVERY OF TRIMETER FOR RESIDUAL CHLORINE, TURBIDITY, AND COLOR

Contract No. MWSS-2021-TRI

A. OBJECTIVES

The Metropolitan Waterworks and Sewerage System, through its Concessionaires, is responsible for the water and wastewater treatment in Metro Manila, Province of Rizal, and portions of Cavite. Treated water and wastewater effluents must comply to the various parameters as specified in the Philippine National Standards for Drinking Water (PNSDW) and DENR Administrative Order (DAO) No. 2016-08, respectively.

In view of this, the Water and Sewerage Management Department, is to procure the Trimeter to measure residual chlorine, turbidity, and color as its strategic initiative, to strictly implement the provisions of the Concession Agreement through actual data collection in order to validate the data submitted by Concessionaires. In addition, it also has purpose of monitoring the actual operation of the Water and Wastewater Treatment Plants in order to call the attention of the concessionaires regarding the operations and develop ways and strategies to increase the efficiency and utilization of the treatment plants.

B. MODE OF PROCUREMENT

The mode of procurement shall be under Small Value Procurement per package under Section 53.9 and Annex "H" of the 2016 Revised Implementing Rules and Regulations (RIRR) of Republic Act No. 9184, otherwise known as the Government Procurement Reform Act.

C. MINIMUM TECHNICAL SPECIFICATIONS

Please be guided by the following specifications. The minimum specifications are as follows, but not limited to:

Parameter	Minimum Specifications
Chlorine	0 - 10 ppm (or mg/L)
Turbidity	0 - 500 FTU (or NTU)
Photometric Range	0 to 2 AU
Detectors	silicon photodiodes
Memory	500 sets
IP Rating	67

Note: Bidders must submit technical brochure for their proposal.

D. DELIVERABLES

The Supplier shall deliver the items within fifteen (15) calendar days from the date of receipt of the Notice of Award.

E. WARRANTY

The Supplier warrants MWSS-CO that the delivered equipment shall be free from defects in material and workmanship for a period of one (1) year after issuance of Certificate of Satisfactory Acceptance.

F. PAYMENT SCHEME

The award shall be given to the lowest quotation per package as determined by the Bids and Awards Committee. Payment shall be made within thirty (30) calendar days upon delivery, inspection by the Final Inspection and Acceptance Committee and submission of the required documents for request for billing.

G. OTHER DOCUMENTS REQUIRED FOR SUBMISSION


1. Proof of PhilGEPS Registration
2. Mayor's / Business Permit
3. Latest Income/Business Tax Return
4. Notarized Omnibus Sworn Statement, and if applicable, with Secretary's Certificate or Special Power of Attorney.
5. Quotation Sheet

Prepared by:

TECHNICAL WORKING GROUP (TWG)


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