



**SUPPLEMENTAL/BID BULLETIN NO. 1**  
**CONTRACT NO. RO-PG-2024-001- LOT 1**

**PROCUREMENT OF ANALYTICAL SERVICES FOR WATER QUALITY  
MONITORING PROGRAM 2024 - LOT I MICROBIOLOGICAL; AND  
PHYSICAL AND CHEMICAL PARAMETERS**

April 29, 2024

**TO ALL CONCERNED:**

Your attention is hereby invited to the following clarifications and revisions in the Bidding Documents:

**1. Invitation to Bid (IB) Item 5;**

From	To
A complete set of Bidding Documents may be acquired by interested Bidders beginning 12 April 2024 from the given address and website below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of Five Thousand Pesos (P5, 000.00) per set.	A complete set of Bidding Documents may be acquired by interested Bidders beginning 12 April 2024 from the given address and website below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of Five Thousand Pesos (P5, 000.00) per set. <b>Bidders who participated in the previous bidding for Lot 1 under Contract No. RO-PG-2024-001-LOT1 shall not be required to pay the applicable fee subject to verification of proof of payment.</b>

**2. Bid Data Sheet ITB Clause 7.1;**

From	To
Subcontracting is allowed for Disinfection By-Products and contingency parameters under Lot I	Subcontracting is allowed for Disinfection By-Products, <b>Chlorophyll a</b> , and contingency parameters under Lot I



### 3. Appendix B. Analytical Requirements.

From

Item	Substance & parameter subject to monitoring	Method of analysis	Sample turnaround time	Report turnaround time	
				Advanced Notification	Official Report
Lot I. Microbiological; and Physical and Chemical Parameters					
Microbiological parameters					
1	Total Coliform and <i>E. coli</i>	Enzyme Substrate Coliform Test	not beyond 6 hours	not beyond 36 hours	not beyond 72 hours
2	HPC	Pour Plate	not beyond 4 hours	not beyond 72 hours	not beyond 96 hours
		Spread Plate			
		Membrane Filter Technique			
Routine parameters					
1	Total Dissolved Solids	APHA (23rd Edition) 2540 C. Total Dissolved Solids Dried at 180°C	not beyond 6 hours	not beyond 36 hours	not beyond 96 hours
2	Color (Apparent)	APHA (23rd Edition) 2120B. Visual Comparison	not beyond 6 hours	not beyond 36 hours	not beyond 96 hours
Other parameters					
1	Fluoride	APHA (23rd Edition) 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	not beyond 6 hours	not beyond 36 hours	not beyond 96 hours
2	Nitrate	APHA (23rd Edition) 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	not beyond 6 hours	not beyond 36 hours	not beyond 96 hours
3	Nitrite	APHA (23rd Edition) 4110B. Ion Chromatography with Chemical Suppression of Eluent Conductivity	not beyond 6 hours	not beyond 36 hours	not beyond 96 hours
4	Iron	PNSDW of 2017 Methods of Analysis	not beyond 6 hours	not beyond 36 hours	not beyond 96 hours
5	Manganese	PNSDW of 2017 Methods of Analysis	not beyond 6 hours	not beyond 36 hours	not beyond 96 hours
6	Chlorophyll a	PNSDW of 2017 Methods of Analysis	not beyond 6 hours	not beyond 36 hours	not beyond 96 hours
7	Monochloramines	EPA Method 127 or MWSS RO Approved Method	not beyond 6 hours	not beyond 36 hours	not beyond 96 hours



8	Disinfection By-Products (Bromate, Chlorate, Chlorite, Dibromoacetonitrile, Dichloroacetate, Dichloroacetonitrile, Monochloroacetate, Trichloroacetate, 2,4,6- Trichlorophenol)	PNSDW of 2017 Methods of Analysis	not beyond 6 hours	not beyond 48 hours	not beyond 5 calendar days
9	Contingency Parameters	PNSDW of 2017, APHA (23rd Edition) or US EPA Method of Analysis	not beyond holding time	not beyond 24 hours from completion of analysis	not beyond 5 calendar days

To

Item	Substance & parameter subject to monitoring	Method of analysis	Sample turnaround time	Report turnaround time	
				Advanced Notification†	Official Report
Lot I. Microbiological; and Physical and Chemical Parameters					
Microbiological parameters					
1	Total Coliform and <i>E. coli</i>	Enzyme Substrate Coliform Test	not beyond 6 hours	not beyond 36 hours	not beyond 7 calendar days
2	HPC	Pour Plate	not beyond 6 hours	not beyond 72 hours	not beyond 7 calendar days
		Spread Plate			
		Membrane Filter Technique			
Routine parameters					
1	Total Dissolved Solids	PNSDW of 2017 Methods of Analysis	not beyond 24 hours	not beyond 48 hours	not beyond 7 calendar days
2	Color (Apparent)	PNSDW of 2017 Methods of Analysis	not beyond 24 hours	not beyond 48 hours	not beyond 7 calendar days
Other parameters					
1	Fluoride	PNSDW of 2017 Methods of Analysis	not beyond 24 hours	not beyond 96 hours	not beyond 7 calendar days
2	Nitrate	PNSDW of 2017 Methods of Analysis	not beyond 24 hours	not beyond 96 hours	not beyond 7 calendar days
3	Nitrite	PNSDW of 2017 Methods of Analysis	not beyond 24 hours	not beyond 96 hours	not beyond 7 calendar days
4	Iron	PNSDW of 2017 Methods of Analysis	not beyond 24 hours	not beyond 96 hours	not beyond 7 calendar days
5	Manganese	PNSDW of 2017 Methods of Analysis	not beyond 24 hours	not beyond 96 hours	not beyond 7 calendar days
6	Chlorophyll a	PNSDW of 2017 Methods of Analysis			



		APHA (23rd or 24th Edition)	not beyond 24 hours if in-house; not beyond PNSDW or APHA holding time if sub-contracted	not beyond 96 hours if in-house; not beyond 14 days upon receipt of sub-contracted laboratory	not beyond 7 calendar days if in-house; not beyond 14 calendar days from completion of analysis if sub-contracted
7	Monochloramines	EPA Method 127 or MWSS RO Approved Method	not beyond 24 hours	not beyond 96 hours	not beyond 7 calendar days
		APHA (23rd or 24th Edition) 4500-Cl <sup>-</sup>			
8	Disinfection By-Products (Bromate, Chlorate, Chlorite, Dibromoacetonitrile, Dichloroacetate, Dichloroacetonitrile, Monochloroacetate, Trichloroacetate, 2,4,6-Trichlorophenol)	PNSDW of 2017 Methods of Analysis	not beyond 24 hours if in-house; not beyond PNSDW or APHA holding time if sub-contracted	not beyond 96 hours if in-house; not beyond 14 days upon receipt of sub-contracted laboratory	not beyond 7 calendar days if in-house; not beyond 14 calendar days from completion of analysis if sub-contracted
		EPA Method 551.11. Determination of Chlorination Disinfection Byproducts, Chlorinated Solvents, & Halogenated Pesticides/Herbicides in Drinking Water by Liquid-Liquid Extraction & Gas Chromatography with Electron-Capture Detection			
9	Contingency Parameters	PNSDW of 2017, APHA (23rd or 24th Edition), US EPA Method of Analysis, or MWSS RO Approved	not beyond PNSDW or APHA holding time	not beyond 96 hours if in-house; not beyond 14 days receipt of sub-contracted	not beyond 7 calendar days if in-house; not beyond 14 calendar days from completion of analysis if sub-contracted

This Supplemental/Bid Bulletin No. 1 shall form part of the Bidding Documents.

For the guidance and information of all concerned.

  
**JORIEE M. DAGSA**

Chairperson

Bids and Awards Committee

3/F Engineering Building, MWSS Complex

Katipunan Road, Balara, Quezon City

Please acknowledge the receipt of  
this Supplemental/Bid Bulletin  
No. 1 for Contract No. RO-PG-  
2024-001-LOT1:

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Name over Signature

Date:

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Company/ Agency