



## BID BULLETIN NO. 1

(August 2, 2019)

### Supply, Delivery, Installation and Optimization of One (1) Unit Ultrapure (Type I) Water Purification System for MSMS Application

Bid No: 2019-07-0385 (ABC NO. 2019-019)

This BID BULLETIN No. 1 is issued to modify or revise some of the *Eligibility and Technical Requirements and Technical Specifications* of the abovementioned project. This modification shall prevail and form an integral part of the Bidding Documents.

1. The title of the project has been changed to ***“Supply, Delivery, Installation and Optimization of One (1) Lot Ultrapure (Type I) Water Purification System for MSMS Application”***.
2. Eligibility and Technical Requirements
  - No. 18 requirement has been revised to read ***“Notarized Certificate that the bidder shall provide at least TWO (2) YEARS WARRANTY on the equipment, parts and service being offered”***.
3. Technical Specifications:
  - a. In page 2
    - Change *spectrophotometer* to *spectrometer* in bullet 1 and the specification becomes ***“Be able to deliver ultrapure (Type 1) water with resistivity of more than 18.2MΩ cm consistent in quality for use as diluent in tandem mass spectrometer equipment”***.
    - Replace the word ***feed*** to ***product*** in bullet 2 to now read ***“Be able to measure product water conductivity and any exceeding of the limiting value is immediately displayed to maximize cartridge life”***.
    - Revise bullet 6 specification and to become ***“The feed water pressure switch / booster pump, UV lamp, ultrapure cartridge and sterile filter are all included. Wall bracket is optional. It must have leak detection standard and will alert user to leaks”***.
    - Delete ***“feed water output from a tap water source”*** and add ***“for Type II or Type III”*** in item 7 and the specification now becomes ***“With an integrated pure water system and a storage tank for Type II or Type III of at least 25 Liters capable of producing ultrapure Type 1”***.
  - b. In page 3
    - Revise bullet 2 specification to read ***“Capable of removing particle size >0.22μm of <1 particulate/mL, Bacteria of <0.01 CFU/mL, Pyrogens (Endotoxins) of <0.001 EU/mL (optional), RNases of <1pg/mL & DNases of <5pg/mL (optional)”***.
    - Add the following conditions to the specifications:

- *The supplier must provide Flexible Dispenser with at least hand switch.*
- *The supplier must provide portable device to measure the conductivity of the product water output.*

c. In page 4, Other Terms and Conditions

- *Change the required quarterly preventive maintenance schedule to semi-annual and the requirement now reads "The equipment must be a BRAND NEW unit and under warranty for at least two (2) years including parts and service. The supplier must conduct two (2) sets of free comprehensive annual preventive maintenance with calibration and semi-annual preventive maintenance at its own expense".*


d. In page 7, Other Terms and Conditions

- *Delete item 9 "The principal in coordination with the supplier must provide a comprehensive certification training program preferably onsite for the end-users and biomedical technician without additional cost to the procuring entity. Supplier must submit a comprehensive training module as part of the technical specification which covers product orientation, hands-on training and troubleshooting. The said training must be conducted by a certified product specialist" since it is a duplication to item 8 of page 6.*

4. *Due to many items in the technical specifications that were revised, a revised technical specification shall be issued to prospective bidders who have bought the bidding documents. The revised technical specification must be submitted during the bid opening.*

*All other provisions of the bidding documents which are not affected shall remain in effect.*

*For guidance and information of all concerned.*

  
ATTY. DANILO A. CULLO  
Chairman, Bids and Awards Committee