

CITY OF FRESNO SPECIFICATIONS

PRODUCT PURCHASE CONTRACT FOR

NEXION 350D INDUCTIVELY COUPLED PLASMA – MASS SPECTROMETRY (ICP-MS)  
BID FILE NUMBER: 3424

TECHNICAL SPECIFICATIONS

GENERAL

- (a) It is the purpose and intent of these Specifications to describe the minimum requirements for the NexION 350D ICP-MS to be used by Wastewater Management Division of the Public Utilities Department within the City of Fresno.
- (b) All items not specifically mentioned which are required for a complete unit shall be included in the unit bid price.
- (c) All equipment and accessories to be furnished must be new and in current production. All products shall conform in design, strength, quality of material and workmanship to current industry standards.
- (d) Each bid shall be accompanied by a copy of any applicable manufacturer's Published Price List or website, and two copies of the manufacturer's descriptive literature and specifications or website, including a copy of the manufacturer's standard warranty.
- (e) All equipment and accessories shall comply with regulations of the Federal Occupational Safety and Health Administration (OSHA) and the California Occupational Safety and Health Administration (Cal/OSHA), whichever is more restrictive.

TECHNICAL SPECIFICATIONS:

- (1) The manufacturer will provide a NexION 350D ICP-MS or an approved equal which is able to use 100% ammonia gas as a reactive gas in addition to a scanning quadrupole, using reaction cell technology, to achieve maximum removal of interferences without losing target analyte sensitivity.
- (2) The manufacturer will include a bench with a vacuum pump dolly and monitor arm.
- (3) A cell solution kit will be included appropriate for the equipment.
- (4) The equipment will include a 1-HP 230V/60Hz chiller.
- (5) The manufacturer will include an SC-2 DX FAST PC3 autosampler or an approved equal that has Teflon® metal-free tubing and a chilled spray chamber to eliminate the formation of interfering agents. The autosampler will have its own stand.
- (6) The bid will include a computer tower (Windows 7, 64 bit), a 24-inch monitor, and network card.
- (7) The manufacturer will include a trade-in allowance for the existing equipment currently used by the City of Fresno Wastewater Management Division Laboratory (Elan DRC-e ICP-MS, SC-FAST autosampler and stand, Polyscience chiller/heat exchanger).
- (8) The bid must include a one-year standard warranty plus a one-year extended warranty on all parts of the completed package.

any payment due to the Contractor for item(s) delivered. Otherwise, Contractor will reimburse City within 30 days of receipt of invoice from the City.

### PAYMENT

The Contractor must invoice the correct department in the City of Fresno, Department of Public Utilities, in order to initiate the payment process. The invoice shall be supplied in duplicate and conspicuously displayed with the City of Fresno Purchase Order Number and shall be sent to:

City of Fresno  
Wastewater Management Division  
5607 West Jensen Avenue  
Fresno, CA 93706