TO: All Bidders
Replace Existing Demineralization System with Deionization System in the Power Plant on the Newark Campus
(Proposal RFP #P06-078)

FROM: Francis G. Palek, Buyer
Purchasing Services

SUBJECT: Addendum #1- RFP# P06-078

DATE: March 1, 2006

Item#1 Please change the following sections only:

3.1 (Change to) Contractor's Responsibilities

3.1.1 The Contractor must provide design build services to replace an existing demineralization plant and the dismantling and removal of it's chemical storage facilities. The Contractor must provide project management, engineering services, electrical tradesmen and mechanics for a complete turn key project.

3.1.2 The Contractor must supply two (2) skid mounted electrical deionization units designed to produce twenty (20) gallons per minute of effluent each.

3.1.3 The Contractor must supply one (1) clean in place skid for the cleaning of the electrical deionization units.

3.1.4 The Contractor must supply a reverse osmosis product water tank plus two (2) pumps to pump reverse osmosis water through the electrical deionization units to storage as needed. The size of the tank must be adequate to ensure the effective and efficient functioning of the RO unit.

3.1.5 The Contractor must provide electrical deionization unit product quality monitoring using current units if feasible.

3.1.6 The Contractor must ensure the electrical deionization system is designed to provide a flow rate of twenty (20) gallons per minutes effluent, a water quality of <2.6 parts per million suspended solids, <0.02 parts per million of silica, conductivity of <0.1 micromhos and a pH of 5.5-8.5.

3.1.7 The Contractor may need to supply a temporary skid mounted system while the old system is dismantled and the new system is installed.

3.1.8 The Contractor must ensure the control system provides sufficient flow from RO to the EDI at all times.

3.1.9 The EDI system will activate when the EDI output storage tank reaches a certain level.

3.1.10 The Contractor must provide a monitoring system that will emit an alarm when the EDI product water does not meet certain levels.

3.5 (Change to) Old System Removal

3.5.1 Demineralization Equipment

3.5.1.1 The Contractor must remove the existing duplex mixed bed skids, steel hot water tank and pumps which include acid and caustic chemical pumps.

3.5.1.2 The pumps must be given to UMDNJ Physical Plant after removal.

3.5.1.3 The Contractor must ensure the removal of the demineralization equipment includes a Toxicity Characteristic Leaching Procedure (TCLP) analysis for hazardous waste identification.

3.5.1.4 The Contractor must supply all the manpower and equipment to dismantle and remove the old demineralization system.

3.5.1.5 The Contractor must provide the disposal site and follow State and Federal guidelines including the Department of Environmental Protection standards and supply proof of the certified disposal centers used.

3.5.1.6 The Contractor’s removal and installation must not interrupt normal facility operations.

3.5.1.7 The Contractor may need to clean parts of the existing system prior to removal.

3.5.2 Acid and Caustic Storage Tanks

3.5.2.1 The Contractor must remove one (1) five (5) foot by sixteen (16) foot steel acid tank and one (1) five (5) foot by sixteen (16) foot insulated caustic storage tank.

3.5.2.2 The Contractor must neutralize and dispose of any residual chemicals and provide proof of their proper disposal.

3.5.2.3 The Contractor must supply all the manpower and equipment to dismantle and remove the acid and caustic storage tanks.

3.5.2.4 The Contractor must ensure the removal of the acid caustic storage tanks includes a Toxicity Characteristic Leaching Procedure (TCLP) analysis for hazardous waste identification.

3.5.2.5 The Contractor will not be responsible for removing the large fiber glass neutralizing tank located on site.

3.5.2.6 The Contractor must leave electrical lines and piping in place on the outside of the building where the acid and caustic tanks are located. The electrical lines and piping inside the building must be cut back to the back wall and sealed.

3.5.2.7 The Contractor may use parts of the connected/related systems provided they can work in conjunction with the new system in producing the required water quality efficiently.

8.0 (Change to) PRICE SHEET AND SUPPORTING DETAIL

RFP# P06-020

Total, firm, fixed cost to Replace an Existing Demineralization System with a Deionization System in the Power Plant on the Newark Campus per Section 3.0 of the RFP:

$_____ Lump Sum Total

B) Provide a yearly cost for system maintenance:

Year 2: $_____ Per Year.

Year 3: $_____ Per Year.

Year 4: $_____ Per Year.

Year 5: $_____ Per Year.

C) Cost to Provide a Temporary Skid Mounted system during the removal and installation: $_____.

END OF ADDENDUM # 1