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April 13, 2026

ARIMAK WATER SUPPLY CORPORATION
RADIUM REDUCTION SYSTEM EQUIPMENT

Addendum No. 1

Attention is called to the following modifications to the referenced Plans, Specification and Contract Documents for the above referenced project. Proposals shall be delivered to the Engineer in digital PDF format by email at brittany.white@e-ht.com , until **Friday, April 17, 2026**, at **3:00 p.m**. local time. We hereby modify the documents as follows:

SPECIFICATIONS:

1. **REPLACE** Section 11350 *Radium Removal System and O&M Service Agreement*.

This addendum consists of seventeen (17) pages and becomes a part of the referenced plans, specifications and contract documents and shall be acknowledged by the proposer and attached to the sealed proposal submitted.

Brittany D. White

By Brittany White, P.E.
Project Engineer

4/13/2026

PE Firm Registration No. 1151
PG Firm Registration No. 50103
RPLS Firm Registration No. 10011900

SECTION 11350

RADIUM REMOVAL SYSTEM AND O&M SERVICE AGREEMENT

PART 1 GENERAL

1.1 SCOPE OF WORK:

A. Furnish all labor, materials, equipment and incidentals required to install, configure, start, field-test and operate a Radium Removal System (RRS), as shown on the Drawings and specified herein.

B. Contractor shall install a complete RRS System, which shall be provided by a single manufacturer (Supplier) and designed for the herein specified performance. The Supplier's design shall conform to the requirements of this and related Sections, applicable industry standards, and government regulations.

C. The RRS System shall be rated for operation at 100 pounds per square inch of gauge pressure (psig). It shall be possible to adjust the system operating pressure as necessary to optimize system performance.

D. The complete system shall be a product of the Supplier's own engineering. The system shall include but not be limited to:

~~1.~~ Parallel treatment trains, which shall give a combined treatment capacity of 45 gpm. Each treatment train shall include at least two (2) media contactor vessels. ~~Each contactor will be rated for 45 gpm, thus providing each treatment train with 100% redundancy.~~

2. The contactor vessels shall be constructed of painted carbon steel and rated for a minimum of 100 psig. The vessels shall be equipped with all necessary nozzles, manways, inspection ports, and relief valves as shown on the drawings and/or required by applicable codes and standards.

3. All pumps, piping, valves, fittings, interconnecting wiring, and interconnecting pipe, in order to provide a fully functional system that is designed for easy connection to the Owner's piping.

4. A local control panel (LCP), programmable logic controller (PLC), local human-machine interface (HMI) with touch-screen, and all instrumentation necessary to provide system monitoring and interlocks with the Owner's SCADA system.

E. Where there is a conflict between the Drawings and this Section, this Section shall govern.

F. The Contractor and the Supplier shall furnish to the Owner all certification and warranty specified herein.

G. The Supplier and the Contractor shall coordinate to integrate all equipment and facilities, as appropriate, to provide a complete and properly functioning system.

H. Patents:

1. The Supplier shall warrant that the use of the treatment media, in the process for which the system has been expressly designed hereunder, will not infringe on any U.S. or foreign patent recognized by the U.S.

~~2. The Supplier shall grant Owner in perpetuity a paid-up license to use any inventions covered by patent or patents pending, owned, or controlled by the Supplier in the operation of the facility being constructed hereunder, without the right to grant sublicenses.~~

I. The RRS System provided under this specification shall be complete and operable in all respects. The Contractor will complete connections to other facilities, calibrate equipment, align, and adjust as necessary to place the system in operation to perform its intended function.

1.2 RELATED WORK:

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Sections, apply to this Section.

B. Surface preparation and factory finishes are specified in Section 09800 but shall be done as part of the work of this Section. Stainless Steel is not to be painted.

C. Except as specified herein, pumps and package pump stations are in Division 11.

1.3 SUBMITTALS:

A. Descriptive literature and drawings for the equipment being furnished under this Section. Include schematic drawings illustrating all components and electrical and electronic connections and all field connections as well as equipment specifications, outline dimension drawings, wiring, and piping diagrams for each item of equipment being furnished.

B. Upon approval of the submittals, the Supplier shall submit two (2) copies of all descriptive matter and instructions in separate indexed binders to the Engineer for use by the Owner. The submission shall include, in addition to detailed equipment data and instruction, a complete system operation and maintenance (O&M) manual, coordinated with the specified equipment as furnished and installed, and the proposed radiation emergency response plan.

C. The detailed system information identified in Part 1.3B shall be submitted and approved by TCEQ before the RRS System can be installed. The engineer will submit the selected system to TCEQ for review/approval.

D. The Supplier shall submit the following information in order to demonstrate their qualifications for the work described herein.

1. Number of years of experience in the design, fabrication, delivery, startup, and long-term operation of ion-exchange systems for removal of radionuclides from groundwater.

2. Descriptions of at least (5) previously supplied systems similar to that specified herein. Include vessel sizes, design flow rates, and updated contact information for individual(s) now managing the installation.

3. A list of the Supplier's full-time employees, and their supervisors, who will be assigned to the herein described project. Included should the resume of the supervisory engineer.

E. Shop Drawings - Submit to the Engineer, in accordance with Section 01300, copies of all materials required to establish compliance with this Section. Submit materials within six (6) weeks of contract execution. Submit detailed, project-specific data for the entire proposed system and its major components, including but not limited to:

1. Project Schedule indicating submittals, equipment delivery, installation, startup, and operation.

2. Schematic Flow Diagrams or Process and Instrumentation Diagram(s) (P&ID's) indicating lines sizes, valving and connections.

3. Certified shop and erection drawings showing all important details of construction, dimensions, and anchor bolt locations.

4. Vessel General Arrangement (GA) drawing(s) with a bill of material of the treatment vessels and distributors.

5. General Layout drawing(s) including a plot plan with associated equipment shipping and operating weights.

6. Piping Layout drawing(s) showing all piping with associated flanged connections as well as all projected pipe field welds to be performed by the contractor/erector. (Field welds shall be a minimum-See Piping and Valves Section).

7. Descriptive literature, bulletins, and/or catalogs of the equipment.

8. Valve and Equipment List of the major components with reference tag numbers and a brief description of each item.

9. Data on the characteristics and performance of the overall system. Include guaranteed performance based on factory tests of similar units, showing that they meet the performance requirements specified herein.

10. Complete master wiring diagrams and control schematics.

11. Control Panel drawings including front panel view, internal panel equipment arrangement, internal wiring and terminal block details, equipment charts, and PLC information

12. Shipping and operating weights of the major components.

13. In any event that it is impossible to conform to certain details of this Section, describe completely all nonconforming aspects.

F. Submit draft Operation and Maintenance (O&M) Manuals and recommended spare parts list with manufacturer's name, address, telephone numbers, and manufacturer's part number with the submittal information at the start of construction for transmittal to TCEQ. Final O&M manuals will be required following successful startup of the RRS System.

G. Startup Assistance Qualifications

1. Submit the qualifications of the service technician for approval.

1.4 DELIVERY, STORAGE, AND HANDLING:

A. Insofar as is practical, the equipment specified herein, shall be factory assembled. The parts and assemblies that are shipped unassembled shall be packaged and tagged in a manner that will protect the equipment from damage and facilitate the final assembly in the field. Generally, machined and unpainted ferrous metal parts shall be protected from the elements by the application of a strippable protective coating.

B. Weight, handling instructions, type of storage required, and instructions for protective maintenance during storage shall be included with each shipment to the construction site.

1.5 SEQUENCING AND SCHEDULING:

A. The Contractor will be responsible to coordinate with all equipment suppliers and subcontractors.

1.6 WARRANTY:

A. Workmanship and Materials.

1. The Supplier and Contractor shall warrant the RRS System provided hereinunder as specified in the General Conditions and herein.

2. The components shall be manufactured from all new materials and designed and constructed for potable water production and shall be free of defects in material and workmanship under normal conditions for 2 years after acceptance and free from liens and encumbrances.

3. Should any defect in material and workmanship be discovered within 1 year, the deficient item(s) shall be repaired or replaced by the Supplier, at no cost to the Owner.

4. Should the performance for the RRS System fail to meet all system performance criteria (excluding anticipated replacement of the treatment media), as specified, the Supplier shall provide new replacement components on a prorated cost basis to restore performance to warranted levels.

5. The Owner's cost for said replacements shall be limited to the original system component price at the time of installation (adjusted by the Federal Consumer Price Index at the time of the warranty claim), FOB manufacturer's USA factory location minus a prorated rebate on the unrealized life of the warranty period. The Owner shall be responsible for installation labor only. The prorated rebate shall be based on 1/24 of the cost per month for each month remaining in the 2-year warranty period.

1.7 REFERENCE STANDARDS:

A. Follow applicable standards issued by industry organizations including but not limited to:

1. American National Standard Institute (ANSI)

a. ANSI 150 pressure ratings for hydrostatic shell test requirements

2. American Water Works Association (AWWA).

a. C653-13: Disinfection of Water Treatment Plants.
b. E103-07: Horizontal and Vertical Line-Shaft Pumps

3. American Society of Mechanical Engineers (ASME).

a. Boiler and Pressure Vessel Code.

4. NSF International

a. NSF/ANSI 61: Drinking Water System Components

B. Where reference is made to a standard, the current revision in effect at the start of the contract term shall apply.

1.8 QUALITY CONTROL:

A. Base Bid Supplier:

1. AdEdge.
2. Hungerford & Terry.
3. Tonka Equipment Company.
4. Water Remediation Technology, LLC.
5. WesTech Engineering, Inc.
6. Engineer approved equal.

B. Approval Requirements:

1. If selected, an alternate bid supplier must complete onsite pilot testing (60 days), obtain TCEQ amended exception approval (90 days), and obtain TCEQ revised plan approval (60 days), prior to issuance of a purchase order for full-scale equipment.

C. The media shall be Z-88® or approved equal.

D. To ensure unity of responsibility, the Supplier shall furnish and coordinate all equipment. The Supplier shall assume responsibility for the satisfactory installation and operation of the RRS System. The Supplier's responsibility shall not be negated by circumstances including but not limited to:

1. Shipping, receiving, or unloading of equipment by others,
2. Handling, transfer, placement, anchoring, or securing of equipment by others,
3. Engineer or Owner approval of submittal materials.
4. Operation of equipment by others.
5. Changes in groundwater quality.

1.9 PERFORMANCE AND DESIGN REQUIREMENTS:

A. Performance requirements shall be based on the following average contaminant concentrations in the RRS System influent:

1. 7 pCi/L of total combined radium (Ra-226 + Ra-228).
2. 20 pCi/L of alpha particles.

B. The effluent shall meet the following Safe Drinking Water Maximum Contaminant Levels (MCL):

1. 5 pCi/L of combined radium (Ra-226 + Ra-228).
2. 15 pCi/L of alpha particles.

C. The Supplier shall guarantee the above process performance as described in this Section.

PART 2 PRODUCTS

2.1 GENERAL:

A. Only two connections to the Owner's facilities shall be required. One shall be in the Treatment Building, where the Supplier's water inlet shall connect to the discharge header from the Iron Removal System. The second connection shall be the treated water outlet, which shall connect to the Owner's finished water pipe in the Treatment Building. No other disturbance to the Owner's piping shall be necessary.

2.2 TREATMENT VESSELS:

A. The vessels shall be arranged in ~~three~~ parallel treatment trains. Each train shall be equipped with two single-stage, vertical, bed vessels rated to a minimum 100 psi operating pressure.

B. The contactor vessels shall provide an empty bed contact time of at least ~~9.7~~ 7.5 minutes at a maximum hydraulic loading rate of 8.1 gpm/ft^2. The vessels shall be constructed of painted carbon steel and shall be suitable for installation on a concrete foundation.

C. The vessels are to include media transfer, media trim, media sample, water transfer, and vacuum transfer ports. All such ports shall be equipped with the necessary valves. The media transfer ports shall be used for media service operations and will not normally be used by the Owner's personnel. The Supplier may choose to remove the valve handles of such valves to limit access to the Z-88® media to authorized personnel. Each vessel shall have at least one manway access port. Each vessel shall be fitted with air and vacuum release valves and a pressure relief valve.

D. The flow inlet to each vessel shall be through the top and be internally directed through a header / lateral distribution system designed to promote an even fluid distribution. The inlet piping at each vessel shall include a check valve suitable for preventing Z-88® media escape from the vessel. The RRS System discharge shall have a header / lateral system or false bottom with nozzles sized for adequate capture of the process water at the bottom of each vessel.

2.3 PIPING AND VALVES:

A. Piping shall be epoxy coated ductile iron or PVC, fabrication of other materials shall require approval by the Engineer. Pipe shall be flanged where possible. Field welds are only permitted to final pipe sections where cut-to-fit pieces are necessary for final fit up.

B. All piping, valves, flanges, and other connections shall have ANSI 150 pressure ratings. All valves and wetted surfaces shall be NSF-61 approved.

C. The interconnecting pipe shall include an internal bypass that can be activated manually or automatically from the Supplier's LCP.

D. The Owner's personnel shall have full access to the feed, discharge, and bypass valves. The valves shall be automatically or manually operated as shown on the Drawings.

E. All automatic valve actuators shall be equipped with a manual override.

F. The piping system components shall include feed and discharge valves, bypass valves, water transfer valves, air release, a hydraulically actuated slow-opening check valve, an inlet cartridge filter or bag filter housing(s), and y-type or basket strainers. The inlet filter housing and y-type or basket strainers shall be fitted with pressure transmitters / transducers ~~and differential pressure gauges~~.

G. Butterfly Valves.

1. All butterfly valves shall be one-piece lug or wafer style with cast iron or ductile iron bodies and lined discs.

2. No metal-to-metal seating surfaces shall be permitted. The seat shall be tongue-and-groove design with primary hub seal and a molded O-ring.

3. Valves smaller than 6" in diameter shall be lever actuated and valves 6" in diameter and larger shall be gear-operator actuated.

4. Overhead butterfly valves that are out of normal reach of personnel shall include chain falls.

5. All butterfly valves shall be series 30/31 as manufactured by Bray or approved equal.

H. Air Relief/Vacuum Relief Valves.

1. All air/vacuum relief valves shall be as manufactured by A.R.I. USA, Inc. or approved equal.

I. Ball Valves.

1. All ball valves shall be stainless steel n.p.t. threaded ends, series 100 valves as manufactured by AVCO, Warren or approved equal.

J. Check Valves.

1. Inlet check valves shall be slow-opening as manufactured by OCV or ClaVal or approved equal.

2. Outlet check valves shall be wafer check valves as manufactured by Milliken or approved equal.

K. Media Loading & Unloading Plug Valves (If Applicable).

1. The vessel shall include media removal and loading plug valves to facilitate regular periodic media change out.

2. The valves shall be properly sized plug valves and manufactured by Milliken, Durco or approved equal.

L. Instrument tubing shall be 1/4" polyethylene.

M. Sample port tubing shall be 1/8" 304 stainless steel or PE.

2.4 FILTER SYSTEM:

A. Filter Housing.

1. A filter system shall be provided at the outlet of each treatment train to capture media that may flush out of the treatment vessels.

2. Each outlet filtration system shall be sized for 45 gpm.

3. The filters shall be sized at 10 µm nominal.

4. The filter shall be the Ultraflow series as manufactured by Fil-Trek or approved equal.

5. Filters and wetted parts shall be NSF 61 approved.

2.5 INSTRUMENTS AND FLOW METER:

A. Magnetic or ultrasonic flow-indicating transmitters will be placed at the influent to each treatment train. Readouts will be available at the meters, the LCP, and remotely via the Owner's SCADA system.

B. Differential pressure readings shall be displayed on the HMI by use of pressure transducers with accompanying transmitters capable of sending 4 - 20 mA signals.

C. Pressure and differential pressure shall be provided for the system feed, each treatment vessel discharge, and the system discharge.

D. Differential pressure shall be provided across each basket strainer and filter housing.

E. At each pressure transducer location, a pressure gauge shall be installed as well as a ¼" isolation ball valve and a sample or bleed ball valve.

2.6 CONTROLS:

A. Operation shall be fully automated. The operating sequence shall be roughly as follows, assuming full capacity operation:

1. Entrained air is bled through an automatic vent valve. The control panel is notified of will start.

2. The slow-opening check valve begins to open based on the hydraulic pressure allowing flow to enter the treatment vessels.

3. The feed water to each treatment train enters the top of the lead treatment vessel and is distributed through the media bed.

4. The flow meter records the amount of gallons treated and then communicates back to the LCP.

5. The pressure drop is monitored across the filters and strainers.

6. The cartridge filters are changed as required at a pressure drop of 5 psi.

7. The Z-88® (or approved equal) media service shall be conducted by the Supplier's service personnel, not the Owner.

8. The Owner shall be responsible to provide a sanitary sewer connection as required.

B. The RRS System control panel, PLC, and HMI shall be equipped with all the necessary software for automatic monitoring and operation of the system.

C. The RRS System control panel will display flow and pressure data, log gallons treated, and provide an Ethernet interface with the Owner's SCADA system.

D. The PLC will automatically control the safety screen.

E. The RRS System control panel will have an interconnect data capability or wireless modem to allow for remote monitoring by the Supplier.

2.7 MEDIA:

A. Only NSF 61, Z-88® media (or approved equal) shall be used.

B. The Owner shall neither handle nor be responsible for the Z-88® media.

C. The Z-88® media replacement, transportation, and disposal to a licensed facility shall be provided by the Supplier.

D. The Supplier shall be responsible for maintaining a current radioactive materials license required for the operation, handling, and disposal of radioactive waste materials. The Supplier shall provide a copy of this license to the Owner with the other submittals.

2.8 COATING AND LINING:

A. Coatings shall be as specified in Section 09800, including the provisions for System No. 2 as described in Part 2.3C of Section 09800. Apply to metal Structures and Piping other than PVC and stainless steel.

B. The exterior surface of any translucent piping shall be finished at the factory with an appropriate coating system to prevent the passage of light through the pipe wall.

C. The Supplier's proposed coating system shall be submitted for review by the Engineer prior to fabrication.

PART 3 EXECUTION

3.1 INSTALLATION OF EQUIPMENT:

A. The Contractor shall be responsible for the following installation services, systems and subsidiary devices, products or equipment:

1. Provide satisfactory access for tractor trailer delivery vehicle to the jobsite according to the Supplier's layout drawing.

2. Provide offloading of equipment and placing of equipment into the Treatment Building at its permanent location.

3. Provide anchoring, leveling, grouting and such other services necessary to comply with the Supplier's installation instructions.

4. Provide assembly at the jobsite of any piping or systems which have been delivered loose for field assembly.

5. Provide process piping systems to connect to the Supplier's inlet and outlet piping at specified boundary limits.

6. Make connections and terminations to the Supplier's control panel and instruments.

7. Provide necessary conduit and field wiring as required.

8. Provide a discharge point for rinse water during system start-up, and each media exchange. Only RRS System effluent shall be used as rinse water.

9. Provide piping and valves for system bypass.

3.2 PAINTING:

A. Field (touch-up) painting shall be in accordance with and as specified in Section 09800, PAINTING AND PROTECTIVE COATINGS, System No. 2.

3.3 FIELD SUPERVISION AND STARTUP SERVICES:

A. The Supplier shall provide the following:

1. Z-88® media (or approved equal), delivered to the jobsite.

2. Onsite inspection prior to startup.

3. Supervisory service of a factory-trained service technician, who is specifically trained in the type of equipment herein specified, shall be provided for a period of three (3) 8-hour man days for inspection of the installed RRS System.

4. Before placing the system into operation, the media shall be flushed with a sodium hypochlorite or chlorine solution in accordance with AWWA C653, Standard for Disinfection of Water Treatment Plants.

5. After completion of the inspection, the service technician shall initiate a trial performance run, ascertain any adjustments required, and place the system into operation.

B. No form of energy shall be turned on to any part of the system prior to receipt by the engineer of a certified statement of approval of the installation from the Supplier.

C. As part of the total scope of supply, training shall be provided to the Owner's personnel for operation of the equipment and for radiation safety awareness. Radiation safety awareness training shall also be provided for local first responders on request.

3.4 OPERATION AND MAINTENANCE MANUALS:

A. Along with the other system submittals, the Supplier shall submit two (2) draft hard and electronic copies of the installation, operation and maintenance manuals. Manuals shall be bound in a three-ring binder or spiral bound and shall contain the following information as a minimum:

1. Index

2. Installation instructions regarding the installation of all interior assemblies.

3. A list of materials furnished.

4. General procedures and required clearances for loading and unloading RRS System media.

5. Operating instructions.

6. Maintenance instructions.

7. Applicable Material Safety Data Sheets (MSDS).

8. Names, functional titles, and phone numbers of maintenance personnel available for on-going support.

9. One complete set of as-built or record drawings including electrical panel drawings.

B. Following delivery and startup, the Supplier shall submit two (2) final hard copies and two (2) final electronic copies (in PDF format) of the installation, operation and maintenance manuals. Hard copy manuals shall be bound in a three-ring binder or spiral bound and shall contain the following information as a minimum:

1. Index

2. Installation instructions regarding the installation of all interior assemblies.

3. A list of materials furnished.

4. General procedures and required clearances for loading and unloading RRS System media.

5. Operating instructions.

6. Maintenance instructions.

7. Applicable Material Safety Data Sheets (MSDS).

8. Names, functional titles, and phone numbers of maintenance personnel available for on-going support.

9. One complete set of as-built or record drawings including electrical panel drawings.

10. System inspection and training certifications.

PART 4 LONG TERM SERVICES

4.1 SCOPE OF WORK:

A. The System Supplier shall enter into a Services Agreement ("Agreement") as described herein.

B. The term of the Agreement shall be 10 years, commencing upon the first beneficial use of the RRS System. The Agreement shall be finalized and executed upon award of the equipment supply contract and issuance of a purchase order for the equipment supply contract.

C. The System Supplier shall furnish all labor, materials and supplies to perform all work called for in connection with the media removal, exchange, proper disposal and replacement with new media, as specified below, at a guaranteed cost per 1,000 gallons treated.

D. The System Supplier shall take ownership of the radionuclides as they load onto the treatment media.

4.2 SYSTEM OPERATING CRITERIA:

A. The Agreement will be based upon treating up to 23.6 ~~365.25~~ million gallons per year.

B. The performance requirements in Part 1.9 of this Section shall be guaranteed for the term of the Agreement.

C. The performance guarantee shall be based upon the influent water quality data provided by the Owner, including the data listed in Part 1.9 of this Section.

4.3 QUALIFICATIONS:

A. The System Supplier shall carry workmen's compensation and liability insurance. The certificates of insurance will be supplied to the Owner for review.

B. The maintenance and service of the equipment must be undertaken only by qualified personnel directly employed by the System Supplier. Proper care, procedures, and tools must be used in handling, lifting, installing, operating, maintaining and repairing equipment to prevent personnel injury and or property damage.

4.4 TREATMENT SYSTEM OPERATION AND MAINTENANCE:

A. The System Supplier shall maintain the treatment equipment in proper operating condition for the term of the Agreement.

B. The System Supplier shall perform periodic inspection of the treatment system to detect early signs of deteriorating performance and to anticipate potential equipment failures.

C. The System Supplier shall perform periodic water analysis to monitor system performance as deemed necessary for proper operation of system.

D. The System Supplier shall perform periodic media analysis to monitor system performance as deemed necessary for proper operation of system.

E. The System Supplier shall perform all compliance tests as required by the State of Texas, and shall provide a copy of any test results to the Owner upon receipt.

4.5 MEDIA SERVICES:

A. The System Supplier shall be responsible for obtaining and maintaining any licenses specifically related to radioactive materials that may be required for the operation of the RRS System, and the handling, transport, and disposal of radioactive materials. The cost of any such license fees applicable to this specific treatment system shall be subsidiary to the guaranteed cost per 1,000 gallons of treated water.

B. At such time the treatment media becomes ineffective, and requires replacement, the System Supplier shall be responsible for the removal, packaging, shipment and proper disposal of the spent media. Once the spent media is removed, it shall be replaced with new Z-88® Radium Removal Media (or approved equal), and placed back into service by the System Supplier.

C. The spent media including all radium loaded onto the media will become the property of the System Supplier, which will be responsible for its proper removal and disposal.

4.6 RADIATION SAFETY SERVICES:

A. The System Supplier shall provide Radiation Safety Awareness Training for the Owner when the system begins operation.

B. Annual refresher training will be provided as required.

C. The System Supplier shall provide radiation exposure badges for the treatment site, and will be responsible for the collection and maintenance of the exposure data for this site.

D. The System Supplier shall assign a qualified, on staff, Radiation Safety Officer for this project that will be accessible at all times.

E. After each media exchange, the System Supplier shall survey the treatment site facility for contamination and decontaminate as needed.

F. After each media exchange, the System Supplier shall provide documentation showing receipt and acceptance of the spent media by the disposal facility.

4.7 DECOMMISSIONING:

A. Upon the expiration or termination of the Long Term Services Agreement, the System Supplier will be responsible for decommissioning the system.

B. This will include the removal and proper disposal of all treatment media, cleaning of the treatment vessels and intermediate piping, so as to comply with the licensing requirements for decommissioning the system.

C. A radiological site survey will be completed by the System Supplier as documentation that the decommissioning is complete.

4.8 PAYMENT:

A. The services described in this section shall be priced on a cost per thousand gallons treated, for treatment of the minimum annual gallons specified above. The annual total cost will be invoiced in equal monthly installments.

B. Additional gallons treated will be invoiced at the end of the calendar year at the same cost per thousand gallons.

C. Adjustment to the cost for these services will be made on an annual basis. The amount of adjustment will be based upon the Inflation Index which will be calculated as the sum of 85% of the CPI-U and 15% of the CPT-TR. The U.S. Department of Labor, Bureau of Labor Statistics, Consumer Price Index ("CPI") incorporating the following elements.

1. All Urban Consumers ("CPI-U")
2. Transportation Category (CPI-Tr")
3. Not Seasonally Adjusted
4. U.S. City Average

4.9 FORM OF AGREEMENT:

A. The System Supplier shall provide to the Owner a draft form of the agreement for this project as part of the bid package.

END OF SECTION