

# AMENDMENT OF SOLICITATION

1. AMENDMENT NO. 06

2. EFFECTIVE DATE – 11/20/2025

3.  
PAGE 1 OF 1

4. ISSUED BY: **Southern Ohio Cleanup Company LLC**  
**P.O. Box 368**  
**3930 US Route 23 South**  
**Piketon, OH 45661**

5. NAME AND ADDRESS OF CONTRACTOR (*Name, street, county, state & zip code*)

All Offeror(s)

6. AMENDMENT OF (RFP)  
SOLICITATION NO. FBPSC239551

DATE

10/2/2025

7.

The above numbered solicitation is amended as set forth in Item 8. The hour and date specified for receipt of Offers   X   is extended        is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods:

(a) By completing Items 5 and 9, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or e-mail which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by e-mail or letter, provided each e-mail or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

## 8. DESCRIPTION OF AMENDMENT

Except as provided herein, all terms and conditions of the document remain unchanged and in full force and effect.

### Add the following to Exhibit 3 for the Firm Fixed Price Request for Proposal:

- Cylinder Inventory for the X-710

### Provide the attendee list for the pre-bid meeting.

- Attendee Listing for pre-bid held on 11/17/2025

### Update the sections L.3 and L.4 with the information provided below:

- Questions Due: December 1, 2025.
- Proposal Due Date Extended to: December 10, 2025

### Remove and Replace Section B Contract Price – Firm Fixed Price / Section C – Scope of Work

- **Section B**
- **Section C - X-710 Legacy Chemical Project Rev 1**

9A. NAME AND TITLE OF SIGNER (*Type or print*)

10A. Fluor BWXT Portsmouth LLC

Mark Pollard – Contract Administrator

9B. CONTRACTOR/OFFEROR

9C. DATE SIGNED

10B.

10C.  
DATE  
SIGNED

\_\_\_\_\_  
(*Signature of person authorized to sign*)

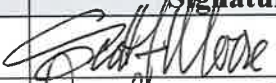
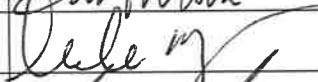
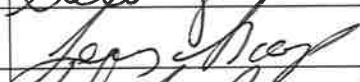


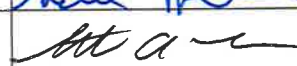
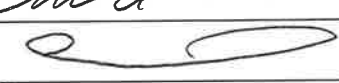


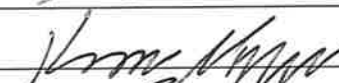

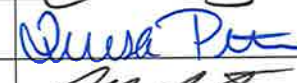




\_\_\_\_\_  
(*Signature*)

## Cylinder Inventor X-710

Room	CYLINDER	WT/PSI	NUMBER	Comment
124	1,1,1,2 TETRAFLUOROETHANE		PCR	Under hood
124	10% F-114		NON-U-190	Under hood
124	5%C <sub>4</sub> F <sub>10</sub> /95%F-114		NON-U-017	Under hood,
124	AsF <sub>5</sub>	10 PSIG	NON-U-047	In hood
124	C <sub>2</sub> F <sub>6</sub>		NON-U-124	Under hood, FREON
124	C <sub>2</sub> H <sub>4</sub> /CH <sub>4</sub>	300psig 48L	SCOTTY 48	
124	C <sub>3</sub> F <sub>8</sub>		NON-U-113	Under hood, FREON
124	C <sub>4</sub> Cl <sub>3</sub> F <sub>7</sub>		NON-U-103	Under hood, FREON
124	C <sub>4</sub> Cl <sub>3</sub> F <sub>7</sub>		NON-U-132	Under hood, FREON
124	C <sub>4</sub> Cl <sub>3</sub> F <sub>7</sub>		UNKNOWN CYLINDER	Under hood, FREON
124	C <sub>4</sub> F <sub>8</sub> O		NON-U-048	Under hood, FREON
124	C <sub>5</sub> F <sub>12</sub>		P10 301	Under hood, FREON
124	C <sub>8</sub> F <sub>16</sub>		NON-U-116	Under hood, FREON
124	C <sub>8</sub> F <sub>16</sub>		UNKNOWN CYLINDER	Under hood, FREON
124	C <sub>8</sub> F <sub>16</sub> /C <sub>4</sub> Cl <sub>3</sub> F <sub>3</sub>		NON-U-122	Under hood, FREON
124	CHLORINE	MT	NON-U-054	In hood
124	CHLORINE		SCOTT	Under hood
124	ClF	No weight	NON-U-119	Stored in hood EF-131
124	ClF	No weight	NON-U-055	Stored in hood EF-131
124	ClF <sub>3</sub>	Empty	NON-U-046	Stored in hood EF-131
124	ClF <sub>3</sub>	412 gms.	NON-U-028	2S Cylinder, Connected to the IG/GC Manifold. This is a standard required for the operation of the IR/GC
124	ClF <sub>3</sub>	302 gms	NON-U-034	2S cylinder, Stored in hood EF-131
124	ClF <sub>3</sub>	287 gms	NON-U-039	2S cylinder, Stored in hood EF-131
124	ClF <sub>3</sub>	No weight	NON-U-045	1S cylinder, Stored in hood EF-131
124	DICLORO-METHANE		VENDOR CYLINDER	Under hood
124	F-11		NON-U-127	Under hood
124	F-114	NO WT	NON-U-135	In hood
124	F-114	NO WT	NON-U-125	In hood
124	F-114		NON-U-115	Under hood
124	F-114		NON-U-104	Under hood
124	F114/C316	NO WT	NON-U-111	In hood
124	F-114/N <sub>2</sub>	1000mm	NON-U-108	
124	F-115		NON-U-128	Under hood
124	F-12		SCOTT CYLINDER	Under hood
124	F-13		NON-U-129	Under hood
124	F2/N <sub>2</sub>	10% @1000mm	SCBA tank	
124	F-22		NON-U-130	Under hood
124	FLUORINE	17 PSIG	NON-U-068	In hood
124	FLUORINE		NON-U-057	In hood
124	FLUORINE		NON-U-067	In hood
124	FLUORINE	NO WT	NON-U-007	In hood
124	HF&NITROGEN	18 PSIA		In hood
124	METHANE		VENDOR CYLINDER	Under hood
124	METHANE		SCOTT	Under hood
124	MoF <sub>6</sub>	104 Gms	NON-U-053	In hood
124	N-BUTANE		VENDOR CYLINDER	Under hood
124	NEON		VENDOR CYLINDER	Under hood
124	NOS		SCOTT SPECIALITY	Under hood
124	NOS - Cl <sub>2</sub> /N <sub>2</sub>	1ppm Cl <sub>2</sub> inN <sub>2</sub>	GAS PRO	
124	NOS - F-114/N <sub>2</sub>		DeLille	
124	NOS - F-114/N <sub>2</sub>	1% @ 1200 psi	Scotty	
124	NOS - O <sub>2</sub> /N <sub>2</sub> /He	2000 psi		
124	NOS - O <sub>2</sub> /N <sub>2</sub> /He		SCOTT	
124	OXYGEN		SCOTT	Under hood
124	PERFLUORO-N-BUTANE		VENDOR CYLINDER	Under hood
124	PF <sub>5</sub>	NO WT	NON-U-057	In hood

124	SF <sub>6</sub>	NO WT	NON-U-110	In hood
124	SO <sub>2</sub> F <sub>2</sub>		NON-U-051	Under hood
124	SOF <sub>2</sub>	NO WT	NON-U-050	In hood
124	TRIFLUOROMETHANE		PCR	Under hood
124	UO <sub>3</sub> F		NON-U-060	In hood
124	WF <sub>6</sub>	299.6 Gms	NON-U-052	In hood
142	ClF <sub>3</sub> + F	1000mm	None	Conditioning gas for sample cans used in sampling Process bldg storage banks.
142	ClF <sub>3</sub> + F	1000mm	None	Conditioning gas for sample cans used in sampling Process bldg storage banks.
142	ClF <sub>3</sub> + F	760mm	None	Conditioning gas for sample cans used in sampling Process bldg storage banks.
156	Fluorine			Bigger Tanks
156	Fluorine			Bigger Tanks
156	ClF <sub>3</sub> + F	1000mm	None	Conditioning gas for sample cans used in sampling Process bldg storage banks.
156	ClF <sub>3</sub> + F	1000mm	None	Conditioning gas for sample cans used in sampling Process bldg storage banks.
212	ClF <sub>3</sub>	Empty	L617014 08A10	Suppliers original cylinder (ARC)
240	ClF <sub>3</sub>	5lbs		
240	ClF <sub>3</sub>	Empty		
240	ClF <sub>3</sub>	Empty		
243	ClF <sub>3</sub>	UNK	KN-2550	Cylinder connected to the Corrosive Gas System in Hood EF-238
243	Fluorine			Small Can

Pre-Proposal Meeting Sign-In  
X-710 Legacy Chemical Removal  
RFP FBP25SC239551  
November 17, 2025 - 02:00 P.M.

Name (Printed)	Signature	Email	Phone	Company / Role
Scott Moore		scott.moore@aleut.federal.us	740 352 1161	Aleut / Prime
Amanda Melloy		amanda.melloy@aleut.federal.us	270-559-8434	Aleut / Prime
Jeremy Shoop		jshoop@csipro.com	865-806-0355	City-State
Douglas Beard		doug.beard@perma-fix.com	615 305 9588	Perma-fix / PM
Gerald Dillman		gerald.dillman@veolia.com	304-741-1477	Veolia / AM
Seft Leach		seft.leach@veolia.com	330-233-6928	Veolia / Sales Manager
Chris Watson		clwatson@strategic-ellen.com	505 430 9784	TFE'
Crissy Fyffe		Crissy.Fyffe@ports.pppa.gov	740 648 7099	
Derek App		dapp@IESCYCLENERS.COM	648 438 2514	IES
Kevin Nappan		Kevin@KRN-Solutions.com	741 418 3744	KRN / PM
Lindy Brewer		lindy.brewer@ports.pppa.gov	359 3	Soccco / ES HQ
Teresa Pettit		teresa.pettit@ports.pppa.gov	314 6	Soccco / EP
Jeff Kilg		Jeff.Kilg@ports.pppa.gov	283 6	Soccco / EP
Tyler Arrowood		tyler.arrowood@ports.pppa.gov	312 6	Soccco / ES HQ
Shelly Hockwood		Shelly.Hockwood@ports.pppa.gov	250 6	Soccco
Eric Ervin		eric.ervin@ports.pppa.gov	333 6	Soccco

**Pre-Proposal Meeting Sign-In**  
**X-710 Legacy Chemical Removal**  
**RFP FBP25SC239551**  
**November 17, 2025 – 02:00 P.M.**

[illegible]

## PART I - THE SCHEDULE

### SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

#### B.1 PARTIES AND TYPE OF CONTRACT

This is a "Firm Fixed Price" type of contract between Fluor BWXT Portsmouth LLC also referred to as FBP or Company and, the party identified in block 13 of Section A. hereafter referred to as Contractor. The Contractor shall furnish all personnel and services (except as may be expressly set forth in the contract) and otherwise do all things necessary for, or incidental to the performance of the Work.

#### B.2 CONTRACT PRICE – FIRM FIXED PRICE

- a. Full compensation to Contractor for full and complete performance by Contractor of all the Work, compliance with all terms and conditions of this Contract, and for Contractor's payment of all obligations incurred in, or applicable to the performance of the Work shall be firm-fixed price of \_\_\_\_\_ **WRITE OUT IN FULL**) \_\_\_\_\_ (\$ \_\_\_\_\_), which includes bonding costs

b. **PROGRESS PAYMENT SCHEDULE:**

For the purpose of progress payments, the price is broken down as follows:

Contract Pay Item	Pay Item Description	Total Price (\$)
01	<b>Mobilization</b> ( <i>including Pre-mobilization submittals, bonds, and training</i> )	
02	<b>Sampling, Analysis &amp; Characterization of Unknown Chemicals and Handling, Packaging, Transportation and Final Disposal of Chemicals</b>	NTE: \$250,000.00
03	<b>Completion of Legacy Chemical Removal</b>	
03	<b>Site Restoration Demobilization</b>	
04	<b>Project Close-Out</b>	
	<b>TOTAL FIRM FIXED PRICE</b>	

c. **Unit Rates for Unknown Chemicals:**

<b>Sampling, Analysis &amp; Characterization of Unknown Chemicals</b>		
<b>Category</b>		<b>Unit Rate / Sample</b>

Radiological				
Non-Radiological				
Handling, Packaging, Transportation and Final Disposal of Chemicals				
Chemical Category	Physical Form	Unit	Price/Unit: Radiological	Price/Unit Non-Radiological
Resource Conservation and Recovery Act (RCRA) Inorganic	Solid	Lbs.		
Resource Conservation and Recovery Act (RCRA) Inorganic	Liquid	Gal.		
RCRA Organic	Solid	Lbs.		
RCRA Organic	Liquid	Gal.		
Acids	Solid	Lbs.		
Acids	Liquid	Gal.		
Bases	Solid	Lbs.		
Bases	Liquid	Gal.		
Flammable and Ignitable	Solid	Lbs.		
Flammable and Ignitable	Liquid	Gal.		
Reactive	Solid	Lbs.		
Reactive	Liquid	Gal.		
Oxidizing Substances	Solid	Lbs.		
Oxidizing Substances	Liquid	Gal.		
Toxic Substances	Solid	Lbs.		
Toxic Substances	Liquid	Gal.		
Corrosives	Solid	Lbs.		
Corrosives	Liquid	Gal.		
Poisons	Solid	Lbs.		
Poisons	Liquid	Gal.		
Antifreeze	Solid	Lbs.		
Antifreeze	Liquid	Gal.		
Aerosols	Solid	Lbs.		
Aerosols	Liquid	Gal.		
Solvents – Chlorinated, Non-Chlorinated, Non-flammable, Halogenated etc.	Solid	Lbs.		
Solvents – Chlorinated, Non-Chlorinated, Non-flammable, Halogenated etc.	Liquid	Gal.		
Epoxy Resin	Solid	Lbs.		
Epoxy Resin	Liquid	Gal.		

Used oil	Solid	Lbs.		
Used oil	Liquid	Gal.		
PCB Containing	Solid	Lbs.		
PCB Containing	Liquid	Gal.		
Pesticides and Herbicides	Solid	Lbs.		
Pesticides and Herbicides	Liquid	Gal.		
Peroxides	Solid	Lbs.		
Peroxides	Liquid	Gal.		
Inhalation Hazards	Solid	Lbs.		
Inhalation Hazards	Liquid	Gal.		
Maintenance Shop Supplies	Solid	Lbs.		
Maintenance Shop Supplies	Liquid	Gal.		
House Keeping Supplies	Solid	Lbs.		
House Keeping Supplies	Liquid	Gal.		
Lab Glassware Containing Residuals	NA	Per Component		
Testing Equipment Tubing/Components containing residual sample material, solvents or lubricants	NA	Per Component		



### **B.3 PRICING BASIS**

- (a) The Contract Price, forward pricing for changes, and all other prices and rates set forth herein are firm for the duration of the Work. This shall include all Contractor's costs, expenses, overhead and profit for complete performance of the Work.
- (b) The Contract Price, forward pricing for changes, and all other prices and rates set forth herein shall include, but shall not be limited to all taxes, duties, fees and insurance.
- (c) The Contract Price, forward pricing for changes, and all other prices and rates set forth herein shall include receipt, offloading, storage and subsequent handling of materials to be installed under the Contract, and the loading, transport and disposal of surplus materials
- (d) The prices for Mobilization, Demobilization shall be fixed and firm and shall not be subject to adjustment based upon any additions or deletions to the work, except at the express written order of Company,
- (e) The fixed price and all unit prices shall apply regardless of when the Work is performed, be it day or night or a holiday, whether or not Contractor is required to pay higher pay and benefits to its employees for work performed during such periods, unless Company accepts in writing, prior to performance that Work, a proposal that certain work shall be compensated at premium rates.
- (f) All pricing shall include all costs associated with and relating to, performing Work in accordance with and working in accordance with all applicable local, state and federal safety regulations, as well as Owner/United States Government's and Company's safety, security and fire regulations.
- (g) Failure by Contractor to assess fully the scope of work, as required and described in Section C, STATEMENT OF WORK shall not be accepted as a basis for variations to the firm fixed price.

### **B.4 TAXES**

- (a) Except as otherwise set forth below, Contract Price, pricing for changes, and all other prices and rates set forth herein, includes all taxes, duties and fees and other assessments of whatever nature imposed by governmental authorities and applicable to the performance of the Work and this Contract. Company shall not have any obligation to pay Contractor for personal property taxes on construction equipment and other property owned by Contractor, and taxes on net income of Contractor.
- (b) Contractor shall pay promptly when due, all such taxes, duties, fees and other assessments set forth in paragraph a, above.
- (c) Contractor shall be responsible for maintaining and furnishing the necessary records and documentation required by government authorities and Company to apply for and obtain tax and duty refunds.
- (d) Company is required to obtain correct taxpayer identification numbers from all non-corporate payees who receive payment for services, rents, royalties or interest that would

be subject to IRS Form 1099 reporting. Thirty-one percent (31%) back-up tax withholding will be imposed on all Form 1099 reportable payments made to Contractor, if Contractor fails to provide a correct taxpayer identification number.

Contractor Taxpayer I.D. No: \_\_\_\_\_

- (e) Owner has determined that the project is exempt from state sales tax pursuant to the provisions of state regulations and sales and use tax regulation. A certificate of exemption will be issued to Contractor by Company, which shall serve as Contractor's authorization for excluding payment of state sales tax on all permanent materials. To the extent Contractor would otherwise be entitled to reimbursement for costs incurred to pay state sales taxes, Company will not reimburse Contractor for any such state sales taxes when the Contractor is exempt from payment of such taxes Attachment J-1.

## **B.5 PRICING FOR CHANGES**

The following definitions shall apply with regard to cost rates used in the event Contractor submits a proposal for changes to the fixed price:

(1) Labor

All direct labor costs, up to and including general foreman, including payroll burdens, benefits, consumables, and expendable materials, small tools, overhead and associated profit.

(2) Material

Cost to procure and supply materials, including freight, customs duties and taxes.

(3) **Unknown or Additional Chemicals**

**All unknown or additional chemicals shall be billed based on the unit rates included in Section B.2 c. included above.**

(4) Construction Equipment

Total cost to provide, maintain, and operate construction equipment (excluding the cost of operating labor), inclusive of associated consumables, overhead and associated profit.

(5) Mobilization

The act of bringing resources to the work site to commence the Contract Work. A portion of the Contract Price, payable when sufficient Site Establishment has been mobilized at the jobsite to allow Contractor to commence productive Work.

(6) Demobilization

The activity to clear the site of all temporary construction facilities upon completion of the direct Work. This portion of the Contract Price that becomes payable only

when Contractor has demobilized all its labor, equipment and temporary facilities from the site and returned the allocated temporary facilities area(s) to its pre-mobilization condition.

(7) **Advance Agreement on Contractor mark up on changes**

In the event the parties expressly agree to a change that results in an increase to the contract price, the Contractor's markup for indirect costs (inclusive but not limited to all overhead and general and administrative expenses) shall not exceed 10% and profit shall not exceed 5% as applied to the direct cost for labor, materials, and equipment.

**B.6 RESERVED**

**B.7 RESERVED**

**B.8 RESERVED**

**B.9 LIST OF SUBCONTRACTORS**

The following is a detailed list of the subcontractors proposed for the Work. Once the Company has given its approval, the subcontractors listed below shall not be changed, except with Company's prior written approval using Attachment J-4.

Approval of Contractor will be deemed to have been given at contract award.

Subcontractor	Description of Work	Cost

Pursuant to Section H.75 "Performance of Work by the Contractor" **insert the following information:**

- (a) Percentage of Work performed by Contractor's own forces: \_\_\_\_ %
- (b) Percentage of Work performed by subcontractors: \_\_\_\_ %
- (c) Company reserves the right to request financial information and work experience histories of the proposed subcontractors

**B.10 RESERVED**

**B.11 SURETY INSTRUMENTS**

- (a) Contractor shall provide, at the option of Company, a performance bond and a payment bond Attachment J-2 and J-3, each in an amount equal to one hundred percent (100%) of the Contract Price for a total cost of:

100% Performance Bond

100% Payment Bond

Total

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- (b) The performance bond shall be valid through the end of Contractor's obligations, that is, until expiration of the period of performance or of any warranty period set forth in the contract, whichever is later. The payment bond shall remain valid until Contractor has made final payments to all obligees of Contractor.
- (c) The payment and performance bonds set forth above, shall be adjusted, when instructed by Company, for authorized changes, both increases to and decreases from the Contract Price, at the rate of:

Firm Performance Bond Rate: \_\_\_\_\_ Dollars (\$ \_\_\_\_\_) per one thousand dollars of change.

Firm Payment Bond Rate: \_\_\_\_\_ Dollars (\$ \_\_\_\_\_) per one thousand dollars of change.

Changes that vary the Contract Price, cumulatively, by less than 20% shall not require adjustment to the subject bonds except as specifically instructed by Company.

**PART I - THE SCHEDULE**

**SECTION C – STATEMENT OF WORK**

For

**X-710 LEGACY CHEMICAL PROJECT**

Date: 11/19/25

Rev. 1

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## 1.0 DESCRIPTION OF WORK – GENERAL-

Except as otherwise expressly provided herein, Contractor shall supply all adequate and competent labor, supervision, tools, equipment, consumable materials, services, and testing devices necessary to complete compliant characterization, packaging, transportation, shipment, treatment, and disposal of all legacy chemicals currently in the X-710 Technical Services Building hereinafter called the X-710. The Work includes all planning, procedures, training, evaluation, characterization, packaging, shipment, transportation, treatment, and disposal for the safe handling of the chemicals.

The Portsmouth Gaseous Diffusion Plant (PORTS) hereinafter called the Company, intends to begin deactivation of the X-710 Technical Services Building, hereinafter called the X-710, in Fiscal Year 2026 (FY2026). The X-710 served as the location for a variety of production analytical support (laboratory) services. While the X-710 was in operation, various chemicals were used to support the laboratory and other services provided. Recently, it has been determined that the chemicals will need to be removed from the building before deactivation of the building can commence. These chemicals, once deemed waste, will be considered Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) waste.

### 1.1 X-710 BUILDING DESCRIPTION

The X-710 is a CAT II nuclear facility consisting of various laboratories throughout the building. Due to previous and ongoing activities, radiological boundaries are established throughout and surrounding the facility including contamination areas, high contamination areas, and airborne radiological contamination areas as required.

## 2.0 SPECIFICATIONS, DRAWINGS, ATTACHMENTS, AND EXHIBITS

All work shall be performed in strict accordance with the following specifications, drawings and other documents. Contractor shall notify the Company in writing of any conflict between these specifications and Federal and State guidelines.

### 2.1 Exhibits

<u>Exhibit No.</u>	<u>Title</u>
Exhibit 1	Milestone Schedule
Exhibit 2	Acronyms
Exhibit 3	X-710 Chemical Inventory
Exhibit 4	Unit Pricing Breakdown Table

### 2.2 Drawings

None

### 2.3 Attachments

For attachments refer to Section J.

2.4 References

None

**3.0 DESCRIPTION OF WORK – SPECIFIC**

The work for the X-710 Legacy Chemicals Project described in Article 1.0 of this Statement of Work shall include, but not be limited to, the following: The X-710 Legacy Chemical Project specialty contractor shall provide all necessary personnel, facilities, materials, equipment, processes, licenses, and permits as required for receiving, consolidating, lab packing, transporting, storing, treating, and disposing of excess chemicals located in the X-710 laboratory/facility on a fixed price basis. The consolidation of compatible chemicals shall be performed at the contractor facility if elected. The scope of this effort includes both radiological and non-radiological chemical compounds. A detailed inventory will be provided by the Company which will identify quantities and types of excess chemicals which could include categories in the following table.

The table below contains a list of chemical categories that could be present in the X710. A more detailed inventory is presented in Exhibit 5.

<u>Chemical Category</u>	<u>Solid</u>	<u>Liquid</u>	<u>Radiological</u>	<u>Non-Radiological</u>
Resource Conservation and Recovery Act (RCRA) Inorganic	Y	Y	Y	Y
RCRA Organic	Y	Y	Y	Y
Acids	Y	Y	Y	Y
Bases	Y	Y	Y	Y
Flammable and Ignitable	Y	Y	Y	Y
Reactive	Y	Y	Y	Y
Oxidizing Substances	Y	Y	Y	Y
Toxic Substances	Y	Y	Y	Y
Corrosives	Y	Y	Y	Y
Poisons	Y	Y	Y	Y
Antifreeze	N/A	Y	N/A	Y
Aerosols	N/A	Y	Y	Y
Solvents – Chlorinated, Non-Chlorinated, Non-flammable, Halogenated etc.	N/A	Y	Y	Y
Epoxy Resin	Y	Y	Y	Y
Used oil	N/A	Y	Y	Y
PCB Containing	Y	Y	Y	Y
Pesticides and Herbicides	Y	Y	Y	Y
Peroxides	Y	Y	Y	Y
Inhalation Hazards	Y	Y	Y	Y
Maintenance Shop Supplies	Y	Y	N/A	Y
House Keeping Supplies	Y	Y	Y	Y



The non-radiological excess chemicals include Resource Conservation and Recovery Act of 1976 (RCRA) and non-RCRA (organic and inorganic), polychlorinated biphenyls (PCB) liquids, concentrated acids and bases (flammable and non-flammable), lab packs (containing flammables, reactive, oxidizers, corrosives and toxic chemicals), waste oil, antifreeze, aerosols (flammable and poison), pesticides (liquid and solid), non-hazardous flammable liquids, chlorinated solvents, epoxy resin, spent maintenance shop supplies, and other potential unknown materials. Contractor shall provide unit pricing for sampling and characterization, **and disposal (including associated certifications)** of unknown chemicals. Unit pricing shall including all labor, materials, equipment, and lab analysis. **Sampling and analysis shall be two fixed prices; one for non-radiological and one for radiological. Please see the attached unit pricing breakdown table for final waste disposition including packaging and shipping as required. Unit pricing breakdown table also includes line items for final disposal of laboratory glassware with residuals and laboratory testing equipment containing residual sample material, solvents or lubricants.**

The radiological excess chemicals include RCRA and non-RCRA (organic and inorganic), PCB liquids, concentrated acids and bases (flammable and non-flammable), lab packs (containing flammables, reactive, oxidizers, corrosives, and toxic chemicals), waste oil (without PCBs), antifreeze, aerosols (flammables and poison), pesticides (liquid and solid), non-hazardous flammable liquids, chlorinated solvents, inhalation hazards, and other potential unknown radiological materials.

### 3.1 Specific Scope of Work

The work to be performed will be as specified to, categorizing small containers of excess chemicals, packing, labeling, palletizing and loading. The contractor will receive transport, store, treat, consolidate compatible chemicals at contractors' discretion and make final disposition of all chemicals, including all of the activities described herein.

#### 3.1.1 Submit a waste compliance guide.

- 3.1.2 Provide evidence of appropriate licenses and permits as required by Federal, State and Local Regulations.
- 3.1.3 Package all chemicals in approved DOT shipping containers in accordance with Federal, State and Local Regulations.
- 3.1.4 Provide all necessary personnel, equipment, materials and containers for chemical disposition.
- 3.1.5 Segregate chemicals in accordance with all applicable Federal, State and Local regulations.
- 3.1.6 Provide all necessary Department of Transportation (DOT) documents required by Federal, State and Local Regulations
- 3.1.7 Provide transportation in accordance with DOT regulations. Must use an MCEP (Motor Carrier Evaluation Program) approved carrier for any regulated shipments.
- 3.1.8 Provide a waste disposal schedule
- 3.1.9 Provide waste stream dispositions
- 3.1.10 Provide Certificate of Treatment, Disposal or Management from the facility for all waste, as applicable.
- 3.1.11 Provide procedures and testing protocols with the capability to process containers of 'UNKNOWN' chemicals.

3.1.12 Provide sampling and analysis services along with resulting data as necessary.

3.2 Contractor Work Plan:

3.2.1 The Contractor's work plan shall include all tasks associated with the Contract scope, including but not limited to the following: materials, equipment, processes, licenses, and permits including all proposed subcontractors as required for transporting, receiving, storing, treating, and consolidating of compatible chemicals and disposal of excess chemicals. The Contractor shall provide procedures and testing protocols with the capability to process containers of "Unknown: chemicals. The Contractor shall utilize Attachment J-25 as a guide for the Work Plan format.

3.3 Pay Item Descriptions

The Pay Item Descriptions as defined in Section B.2 show activities for which the Contractor shall report progress and use for invoicing.

3.3.1 Contractor shall submit a value for each pay item (refer to Section B – Supplies or Services and Prices/Costs for Pay Item Schedule of Values). The value shall correspond to the descriptions of the activities, including profit, overhead, insurance, training and submittal documents not specifically listed as a pay item shall be allocated to **each** pay item proportional to its value. The Company will review each pay item value to ensure that the value is consistent with the work to be performed. Pay item values determined by the Company to be unacceptable shall be revised and resubmitted by the Contractor. Payments shall not be made to the Contractor until the Company approves the pay item values.

**4.0 MATERIAL, EQUIPMENT, OR SERVICES FURNISHED BY COMPANY**

The Company will furnish or cause to be furnished to Contractor, without cost to Contractor, the following items for or in connection with performance of the work:

4.1 Services:

The Company shall provide oversight for this effort and security escort services as required during field activities. The Company shall also provide the following:

4.1.1 All special engineering guidance and design review as required.

4.1.2 Project Support

4.1.3 Waste management personnel to support disposition (if required)

4.1.4 Radiological support personnel

A. **NOTE: Please allow 30 days for processing of radiological release paperwork (UE5 forms) for all tools and equipment used on the PORTS site.**

4.1.5 Chemical Inventory

**4.2 Materials and Equipment**

4.2.1 Company will provide radiological PPE; contractor shall provide all necessary resources to receive stage and store clean PPE.

4.3 The Company will provide Plant radios as required.

4.4 The Company will provide required respirators.

4.4.1 The Contractor is responsible for submitting respirator requests. Respirator requests must be made on a Company provided Respirator Request Form and each request shall be delivered to the CTR before 8:00 a.m., Monday. Addition and or revisions to the requests shall be made, as needed, by 8:00 a.m. at least one week prior to the need. Respirator usage and return requirements are specified in Attachment J-13.

**5.0 TEMPORARY FACILITIES AND UTILITIES**

**5.1 Furnished by Company**

Company will supply or cause to be supplied the following temporary facilities and utilities to Contractor, without cost to Contractor, for or in connection with performance of the work:

5.1.1 Parking areas for the Contractor's work vehicles will be limited to a location near the work area as shown on SKETCH SK-003. Parking along plant site roads and streets shall not be permitted. Unless otherwise directed by the CTR, parking for the Contractor and subcontractor employees' shall be limited to the parking lot outside the security fence parking facilities.

5.1.2 Limited space will be provided for contractors work vehicles adjacent to the X-710 Facility for temporary facilities and storage of material and equipment. Refer to SKETCH SK-003 for location of available areas. (No storage facilities or protective coverings of any kind will be furnished by Company.)

5.1.3 Company will provide necessary lockers room and shower facility

**5.2 Furnished by Contractor**

The contractor shall provide all tools of the trade and other incidental items necessary to perform the scope of work, except for the materials and equipment identified above as provided by the Company. The contractor shall identify all materials required for the work and submit a materials take-off to the Company. The Company shall review and approve the material list. With Company approval, the contractor shall procure, receive, secure, inventory, and store materials until use.

**5.2.1 Eating Facilities**

A. Contractor shall provide eating area for contractors work force. The X-152F trailer is a break and lunch area which contractor can use.

**5.2.2 Equipment Inspections**

Contractor vehicles, equipment, materials, trailers, tool boxes and tools shall be subject to inspection as described in Attachment J-13.

**5.2.3 Material Handling and Rigging**

- A. Construction activities, material deliveries, and off-loading operations shall be conducted to minimize interruptions to the Company's normal operations. Blockage of Company gates or other access to the work area shall not be permitted without prior coordination and approval of the CTR.
- B. Contractor shall provide and operate necessary equipment for handling, hauling, loading, unloading, and receiving Contractor-supplied materials, tools, and equipment.
- C. The X-710 elevator will be made available to the greatest extent possible but this access is not guaranteed.

**5.2.4 Small tools**

- A. The Contractor shall perform a daily inspection of all equipment, vehicles, tools, safety devices, electrical cords, equipment guarding, fire extinguishers, etc. to assure the safe working condition and OSHA compliance of all tools and equipment. Documentation must be compiled by date and list all the tools/equipment inspected for that date, daily inspection of tools/equipment shall be noted on the Contractor Daily Report.
- B. Documentation of inspections must be made available for the Company's review. Equipment that does not meet the manufacturer's requirements for safe use shall be taken out of service. Prior to reinstating tools and equipment previously taken out of service, the tools and equipment must be inspected by the competent person.

**5.2.5 Electric Power Tools and Equipment**

- A. All electric power tools and equipment shall be protected with a Ground Fault Circuit Interruptor (GFCI). The GFCI must be plugged in at the power source and shall be inspected and tested prior to use.
- B. Power tool cords and extension cords must be kept in good condition and out of the way of traffic. Electrical cords shall be routed safely to prevent a tripping hazard and damage to the cord. Faulty or damaged cords must be properly disposed of or removed from site. Faulty or damaged cords on electrical hand tools must be repaired by a qualified electrician or removed from site.

**5.2.6 Supplemental lighting, provided by the Contractor, shall provide adequate lighting and comply, at a minimum, with OSHA lighting and illumination requirements.**

**5.2.7 Permits**

- A. Job Site Work Permits: The following permits required for performance of the work at the jobsite will be arranged by the Company. The Company will provide the following permits as required: Contractor shall request the permit a minimum of three (3) working days in advance of the permit need.

**1. Radiological Work Permit (RWP)**

2. Generator Waste Management Plan (GWMP) revisions.

- B. The contractor shall notify the company ten working days in advance of any offsite shipments to allow approval of The Company UE5 process and any requested shipping surveys .

5.2.8 Temporary fencing to secure work areas, materials, and equipment storage areas.

5.2.9 The contractor shall furnish necessary items such as caution tape, fence, rope or other barricade type materials as required identifying work areas. Fence, rope, tape or other barricade type materials shall be installed as directed by the Company. Temporary boundaries shall be established in accordance with the Company specifications.

5.2.10 The contractor shall keep areas clean and dispose of construction debris as required per the Company.

5.2.11 The contractor may set up a chemical storage area within the facility, strictly to segregate and prepare for shipping but not a waste storage area. This shall be in accordance to Waste Management and Facility Management approval.

5.2.12 Smoking Areas:

- A. Contractor personnel will only be permitted to smoke at designated smoking areas as directed by the CTR.
- B. Meeting the requirements for establishing and maintaining the smoking area shall be the sole responsibility of the Contractor.
- C. No smoking shall be allowed outside of the designated smoking area.

5.3 Environmental Protection

5.3.1 Vehicles, equipment, or liquid storage containers shall not be stored in areas where spillage or leakage of materials would enter the plant's drainage system. The Contractor shall immediately notify the CTR of any spills, regardless of the quantity, type, or location. Spill response and cleanup will be performed under the direction of the Company. Cost associated with spills resulting from negligence by the Contractor shall be the sole responsibility of the Contractor.

5.3.2 All products or hazardous materials brought on-site by the Contractor shall be maintained under the control of the Contractor. No excess products or hazardous materials are to remain onsite after the project is complete. Contractor shall submit Material Safety Data Sheets (MSDS) for review and approval prior to bringing such items on-site in accordance with Attachment J-13.

**6.0 PERFORMANCE SCHEDULE AND SEQUENCE OF WORK**

- 6.1 Specific Milestones, interfaces, and other schedule related bases of this Contract are as set forth in Exhibit 1.
- 6.2 General scheduling, reporting and coordination requirements shall be described in Section H, Special Contract Requirements.
- 6.2.1 Contractor shall submit the detailed schedule required by Section H Special Contract Requirements in accordance with Attachments J-6 and J-8.
- 6.2.2 Specific scheduling and coordination requirements may include but not necessarily be limited to the following:
- A. Engineering deliverables by discipline
  - B. Mobilization time for manpower and equipment
  - C. Material deliveries to jobsite
  - D. Shop fabrication
  - E. Incremental completion dates of major components
  - F. Start and completion of different segments of work (early and late starts)
  - G. Any qualifying conditions of Company or Client
  - H. Other as necessary
- 6.3 Contractor Project Schedule shall be a resource loaded Critical Path Method (CPM) Schedule that clearly identifies both, all logical relationships/dependencies between activities related to the project, and the project's projected critical path schedule from Notice to Proceed through project completion. This resource loaded Critical Path Method (CPM) Schedule shall have the following two levels:
- A. The first level, the Pay Item level (Pay Item Layout)
  - B. The second level, the Activity Level (Detailed Layout) Activities will roll up to support the Pay Items
- 6.4 The initial Contractor Project Schedule, once approved by the Company will be known as the Contractor Baseline Schedule (may include approved modifications). This Schedule will be used for comparison with subsequent project schedules. The project schedule shall meet the following requirements:
- A. Monthly Project Schedule Update which shall include the following:
    - Actual or projected start and finish dates
    - Activity progress and remaining duration
    - Bar chart schedule comparing the current schedule to the baseline schedule
    - Revisions to craft resources
    - Specific to estimated schedules in man hours
    - Percent complete for each activity (summarized/listed in the Pay Item section of the Contractor Project Schedule and shall be the basis for the amount invoiced for that Pay Item).
    - A copy of the updated Contractor Project Schedule shall be submitted to the Company by the date established in the contract.
- 6.5 Contractor shall submit a Four-Week Rolling Schedule (refer to Attachment J-30) which documents/lists four weeks of the Project Detailed Layout, which shall include the following:
- A schedule of the previous week, the present week, and the two future weeks

**NOTE: The activity may be a pay item when it is of sufficient detail to meet the definition of the activity.**

- Activities grouped by Pay Item activities and sorted by Early Start Dates
- Activities schedule coded with corresponding Pay Item ID code
- Expected/Projected Man-hours by craft (carpenters, laborers, operators, etc.) for each activity
- Pay Item values breakdown of activities
- The Four-Week Rolling Schedule shall be presented to the Company at the Weekly Progress Meeting.

**6.6 Contractor Scheduling Software**

6.6.1 The Contractor shall be required to use the following software, which is compatible with the Company Scheduling Software (Primavera P6) to prepare the required project schedules:

- A. Primavera P3
- B. Primavera Subcontractor
- C. Microsoft Project

6.7 An electronic file containing the updated project schedule shall be submitted along with the hard copy of the updated schedule.

**6.8 Work Hours, Deliveries and Overtime**

6.8.1 Normal site work hours will be four days per week, 10 hours per day, (Monday through Thursday) between the hours of 7:00 a.m. and 5:30 p.m. Contractor shall be prepared to work the hours required by Contract.

6.8.2 Material and equipment deliveries shall be permitted Monday through Thursday, e.g. 7:00 AM-5:30 PM Eastern Time. Deliveries outside of these times must be coordinated with the CTR at least two (2) working days in advance.

6.8.3 Requests for scheduled overtime, weekend, or holiday work during normal situations shall be made to the CTR at least two working days before the start of these shifts.

6.8.4 Requests for non-scheduled extended work hours in emergency situations shall be made to the CTR at least three hours in advance for overtime during the normal work week and at least by noon of the last regular workday.

6.8.5 For work being performed outside the normal work schedule the Contractor shall coordinate with the CTR for any special arrangements for security, safety, escorting, health physics, and other the Company provided resources. Plant entry and exit requirements may change when working outside of the normal work schedule. It is the Contractor's sole responsibility to coordinate with the CTR to plan accordingly for personnel, deliveries, and all other requirements needed to perform work during non-normal scheduled work times.

**7.0 REPORTING REQUIREMENTS AND COORDINATION MEETINGS**

Contractor shall promptly submit the schedules and reports set forth in Attachment J-8 (Contractor / Supplier Submittal Register).

**7.1 Daily Reports**

Contractor shall make written Daily Reports (Attachment "J-5", Contractor Daily Report) to the CTR by 10:00 am each morning for the preceding day.

**7.2 Weekly Progress Meetings**

7.2.1 The contractor shall attend weekly progress meeting, Contractor shall be prepared to discuss scheduled progress versus actual progress giving details of work completed in relation to the approved schedule, together with a two (2) week "look ahead" which provides details of how the work will be completed.

7.2.2 The person or persons designated by Contractor to attend the meetings shall have all the required authority to make decisions and commit Contractor to solutions agreed upon during any meetings.

**7.3 Monthly Reports, Schedules and Schedule updates**

Shall be in form and format approved by Company. These reports shall be submitted under cover of a letter in accordance with Attachment J-6.

**7.4 Other Meetings**

Contractor participation in certain additional activities shall also be required. These activities shall include, but not be limited to:

7.4.1 Indoctrination and orientation of all Contractors' employees prior to commencing work at the jobsite. (This includes the entire labor force and all new hires). The meeting will last approximately 8 hours.

7.4.2 Other meetings as described in Attachment J-13.

**8.0 CORRESPONDENCE, SUBMITTALS AND COMMUNICATION REQUIREMENTS**

8.1 Correspondence, submittals and communication with the Contractor shall be in accordance with Attachment J-6.

8.2 When required by the Contract, Contractor shall transmit to Company, technical submittals, shop drawings or samples, including supporting catalog cuts, manufacturer's literature, sketches or drawings, calculations and other pertinent data, in sufficient detail to enable Company to review the information and determine that Contractor clearly understands the requirements of the Contract. Documents shall be transmitted to Company under cover of formal contract correspondence utilizing Attachment J-6 Contractor/Supplier Cover Sheet. Contractor shall provide submittals listed on Attachment J-8 (Contractor / Supplier Submittal Register) as part of the Statement of Work.

8.2.1 Although work may proceed on receipt of data with a Code "B" notation, Contractor must incorporate the changes indicated, resubmit for final approval Code "A" before release of materials or equipment for shipment can be approved by Company. Returned copies of data with Code "B" and "C" shall be resubmitted not later than ten days after the date of transmittal by Contractor of such copies of such data.



8.2.2 Contractor shall submit all necessary Department of Transportation (DOT) documents required by Federal, State, and Local Regulations including the use of Motor Carrier Evaluation Program (MCEP) approved carriers for any regulated shipments.

8.3 Where samples are required, they shall be submitted by and at the expense of Contractor. Such submittal shall be made not less than thirty (30) calendar days prior to the time that the materials represented by such samples are needed for incorporation into any Work. Samples shall be subject to review and materials represented by such samples shall not be manufactured, delivered to the site or incorporated into any Work without such review.

8.3.1 Each sample shall bear a label showing Contractor's name, project name, name of the item, manufacturer's name, brand name, model number, supplier's name and reference to the appropriate drawing, technical specification section and paragraph number, all as applicable.

8.3.2 Samples which have been reviewed may, at Company's option be returned to Contractor for incorporation into the work.

## **9.0 CLEAN-UP, SAFETY, WORK RULES, AND REGULATIONS**

9.1 Contractor shall perform the work in a safe manner and keep the work site in a clean condition in accordance with Attachment J-13, Environmental Health & Safety Requirements for On-site Work and shall comply with all work rules and regulations.

9.2 The Contractor shall submit their Project Safety Plan to the Company for review and approval in accordance with Attachment J-8. The Project Safety Plan shall address project details (general and specific), requirements of J-13, and comply with and meet applicable Federal, State, and local laws, rules, regulations and guidelines governing worker safety and health. The plan shall address all operations and work practices of the Contractor, subcontractors, and suppliers.

9.3 For fire Protection Requirements, refer to Attachment J-29.

9.4 Mobilization of a room and de-mobilization of room may be required according to the Lab schedule or room schedule for chemical disposition.

9.5 Unless otherwise approved by the Company, the Contractor shall not be compensated for more than one mobilization per task.

## **10.0 WASTE MANAGEMENT**

### **Debris/Waste Container Supply and Management**

10.1 Labeling of Waste and Containers

10.1.1 The Company will be responsible for labeling and marking sanitary, radiological, and industrial waste containers generated within the limited area.

10.1.2 The Company will provide and dispose of all sanitary, radiological, and industrial waste generated from the chemical lab packing operations only.

- 10.1.3 Contractor is responsible for providing all containers, labeling and disposal of all chemicals identified for lab packing. Chemicals shall be treated and disposed of in accordance with federal, state, and local laws. Contractor shall provide any profiling and characterization required by the specific TSDF (treatment, storage and disposal facility) where the chemicals are being sent. All subcontractors providing treatment, storage and/or disposal services shall be identified in the bid and their applicable licenses and permits provided at time of bid. The Company holds the right to refuse services of any subcontractor named in bid if they are deemed to be technically unacceptable for that service. Contractor and subcontractors must be on the Company approved supplies list prior to award.
- 10.1.4 Clean construction debris generated by the contractor outside the Limited Area shall be removed from site by the Contractor.
- 10.1.5 The Contractor shall ensure all packaging materials and/or scrap material (e.g. dunnage, protective wrap, etc.) brought to PORTS by the Contractor shall be taken off-site and disposed of by the Contractor to minimize the amount of waste generated at the work site.
- 10.1.6 Wastes generated by the Contractor shall be monitored by the Company prior to off-site removal. If contamination is found greater than release limits, the Contractor must contact the CTR for further guidance on disposition.

## **11.0 SECURITY**

- 11.1 For Security requirements while working on the Ports Site the contractor shall refer to PORTS Site Security Requirements.

## **12.0 QUALITY ASSURANCE**

- 12.1 Contractor shall be responsible for the performance of all quality assurance program criteria specified in Attachment J-16 Quality Assurance Requirements. The Contractor shall submit a Quality Assurance Program Plan and supporting Inspection Procedures required to perform the Work in accordance with Attachment J-8.
- 12.2 Contractor quality document(s) submittal shall be approved by the Company prior to activities affecting quality start. The Company may audit the Contractor's quality program prior to initiating work.

**EXHIBIT 1 – MILESTONE SCHEDULE**

Schedule Summary		
Pay Item	Pay Item Description	Duration (Calendar Days)
1	Notice to Proceed (NTP)	-
2	Pre-Mobilization Submittals	28 Days after NTP
3	Mobilization and Training	30 Days after NTP
5	Completion of Legacy Chemical Removal	90 Days after NTP
6	Site Restoration	100 Days after NTP
7	Demobilization	110 Days after NTP
8	Project Close Out	150 Days after NTP

**EXHIBIT 2 – ACRONYMS**

ACM	asbestos containing material
CPM	critical path method
CTR	Contract Technical Representative
D & D	Decontamination and Decommissioning
DOE	Department of Energy
ESH & Q	Environmental Safety Health and Quality
FMSCR	Federal Motor Carrier Safety Regulations
GFCI	ground fault circuit interrupter
GVWR	gross vehicle weight rating
GWMP	Generator Waste Management Plan
HEPA	high efficiency particulate air
HSE	health safety environmental
LLW	low-level waste
LOTO	lock out tag out
NEC	National Electric Code
NFPA	National Fire Prevention Association
ODOT	Ohio Department of Transportation
OSHA	Occupational Safety and Health Administration
PORTS	Portsmouth Gaseous Diffusion Plant
PPE	personal protection equipment
PUCO	Public Utilities Corporation of Ohio
RWP	radiological work permit
SHWP	safety health work permit
SOW	statement of work
SWPPC	Storm Water Pollution Prevention Controls