



Greenville Technical College
Request for Written Quotes

Solicitation Number: GTC 24-07-297RFQ-Hazardous Waste Removal
Date Issued: July 24, 2023
Procurement Officer: Valentina Johnson
Phone: (864) 250-8180
E-Mail Address: valentina.johnson@gvltec.edu

DESCRIPTION: Hazardous Waste Removal

USING DEPARTMENT UNIT: Environmental, Occupational Health & Safety

The Term "Offer" Means Your "Bid" or "Proposal". Solicitation Number must appear on your quote.

SUBMIT YOUR OFFER TO: valentina.johnson@gvltec.edu

SUBMIT BID BY (Opening Date/Time): 08/07/2023 @ 2:00 PM (See "Deadline For Submission Of Offer" provision)

QUESTIONS MUST BE RECEIVED BY: **07/31/2023 @ 12:00 PM** (See "Questions From Offerors" provision)

NUMBER OF COPIES TO BE SUBMITTED: **One (1) copy to be emailed to valentina.johnson@gvltec.edu**

By submitting a quote, you agree to be bound by the terms of the Solicitation. You agree to hold Your Offer open for a minimum of thirty (30) calendar days after the Opening Date. (See "Signing Your Offer" and "Electronic Signature" provisions.)

Written quotes must be received by **August 7, 2023 at 2:00pm EST. Offerors must submit a Supplier Classification form (included in this document), a current W9 and a copy of their current Certificate of Insurance with their offer.** The Certificate of Insurance shall name Greenville Technical College as an Additional Insured or Certificate Holder, shall remain valid and in full force for the entire duration of the project and shall provide adequate coverage meeting the project requirements. The adequacy of the liability coverage provided will be determined by College management at its sole discretion. By submitting an offer, you are confirming that you meet all specifications and requirements in this document.

OPEN TRADE REPRESENTATION (JUN 2015): By submitting an Offer, Offeror represents that Offeror is not currently engaged in the boycott of a person or an entity based in or doing business with a jurisdiction with whom South Carolina can enjoy open trade, as defined in SC Code Section 11-35-5300. [02-2A083-1]

Pursuant to Section **19-445.2141**. of the SC Consolidated Procurement Code, Greenville Technical College is accepting bids from qualified suppliers for the purchase of radioactive waste collection services, including removal, transportation and final disposal of the waste collected. Targeted waste comprises primarily of laboratory items no longer intended for use in academic settings at the College. A detailed list of specific items designed for disposal is listed in Tables 1 through 5 herein. *Contractors are encouraged to visually inspect waste items prior to bidding. Prospective bidders may schedule visits by calling the Environmental Safety Department at 864-250-8205.*

SERVICE SCHEDULE AND SITE LOCATION

All services provided by the contractor must be executed between the hours of 8:00 a.m. and 4:00 p.m. Monday-Thursday; 8:00 a.m. to 12:00 p.m. Friday. No work may be performed on Saturdays, Sundays, and official State holidays. The site location is as follows:

Greenville Technical College-Barton Campus
506 South Pleasantburg Drive
Greenville, SC 29606

REQUIREMENTS

The Contractor is solely responsible for complying with all local, state, and federal regulations regarding packaging, labeling, segregating, manifesting, transporting, and disposing of radioactive waste, including any and all requirements mandated by federally permitted radioactive waste disposal sites.

The bid submitted by the Contractor must be all inclusive. The Contractor shall furnish and provide all necessary personnel, materials and services to perform the work as described herein. This includes, but is not limited to, all disposal containers and materials, packaging, drumming, lab-packing, labels, labor, transport costs, equipment permits, testing analyses, licenses, fees, paperwork, etc. required for waste disposal. Additional charges imposed by the

contractor after the bid has been approved will not be accepted.

The Contractor shall be responsible for properly packaging and securing waste items prior to loading. The Contractor shall demonstrate the capability and knowledge required to package and transport all radioactive waste items with supporting documentation. Copies of any supporting documentation (i.e. permits, licenses, endorsements, etc.) must be included with the bid submission to ensure the Contractor is competent.

Whenever needed, or when departing the site, the Contractor must render the area environmentally safe. The Contractor will ensure no residual radioactive debris or materials registering above the legal ambient level are left on site. Follow-up testing and documentation to ensure these levels are achieved is required of the Contractor.

The Contractor shall be fully responsible for addressing in the manner prescribed by law all spills that occur during any transaction or handling of the radioactive materials by the contractor. The Contractor is responsible for any clean-up costs associated with spills, accidents, etc. caused directly by the contractor.

The Contractor must utilize all required safety equipment needed for the job while work is being conducted. The contractor is expected to understand each waste item and the required safety measures to be followed during packaging, handling, and transport.

The Contractor shall maintain all necessary manifests and forms to meet the criteria established at the federally approved disposal site(s). These records will then serve as appropriate material for identifying quantities and types of material to be collected. The Contractor agrees to send all certificates of disposal, manifests, and/or other required documentation to GTC, the State of South Carolina and/or other entities as required by law. The manifest itself should include a copy of the shipper's certification form ensuring inspection.

The Contractor must complete pick-up within forty-five days (45) of the official bid award date. The Contractor shall make known to the College's representative the intended disposal site for all collected and packaged radioactive waste. The Contractor shall provide all necessary documentation of final disposal of the collected radioactive waste within forty-five days (45) of pickup. Project completion must be obtained within ninety days (90) of the bid award date.

The Contractor is expected to comply with all requirements specified in Regulation 61-83: Transportation of Radioactive Waste into or Within South Carolina. Notably, requirements covering liability insurance, permitting, advanced notice, route and scheduled, and certification should be ensured by the Contractor.

TABLE 1: EDUCATIONAL KIT #1

Educational Kit Information	Educational Source Kit—Model SL-71 Baird-Atomic
Total Number of Kits	2
Vials Per Kit	14
Vials Size (ml)	5
Dose Rate	38 ur/hr

Vial #	Contents	Isotope	Activity (uCi)	Notes
1	Yellow powder	U-Nat	2 grams	5-65
2	Liquid	C-14	5	7-65
3	Liquid	Pb-210	5	6-66
4	Liquid	Na-22	1	6-66
5	Liquid	Co-57	1	2-67
6	Liquid	Fe-55	10	2-67
7	Liquid	Pm-147	5	7-65
8	Liquid	Co-60	1	N/A
9	Liquid	Co-60	1	N/A

10	Liquid	Th-204	50	12-66
11	Liquid	Zn-65	10	11-66
12	Liquid	Ba-133	1	12-66
13	Liquid	Mg-54	1	11-66
14	Liquid	Ni-63	1	12-66

TABLE 2: EDUCATIONAL KIT #2

Educational Kit Information	Educational Source Kit—Model SL-71 Atomic Baird-Atomic
Total Number of Kits	2
Vials Per Kit	14
Vials Size (ml)	5
Dose Rate	50 ur/hr

Vial #	Contents	Isotope	Activity (uCi)	Notes
1	Yellow powder	U-Nat	2 grams	5-65
2	Liquid	C-14	5	7-65
3	Liquid	Pb-210	5	6-66
4	Liquid	Na-22	1	6-66
5	Liquid	Fe-55	10	2-67
6	Liquid	Model-EL-6	N/A	2-67
7	Liquid	Pm-147	5	7-65
8	Liquid	Cs-137	1	N/A
9	Liquid	Cs-137	1	N/A
10	Liquid	Th-204	50	12-66
11	Liquid	Zn-65	10	11-66
12	Liquid	Ni-63	1	12-66
13	Liquid	Ba-133	1	12-66
14	Liquid	Mg-54	1	11-66

TABLE 3: SMALL CASES WITH RAD CONTENTS

Case #	Item Description	Dose	Isotope	Notes
1	White Disk	26ur	Co-57	
2	White Disk	26ur	Co-57	
3	Black Container	ND	Unknown	No visual information on item

TABLE 4: MISCELLANEOUS ITEMS

Item Description	# of items	Isotope	Activity	Notes
Cloud Chamber Source	1	Pb-210	0.1 uCi	
Check Source	1	Po-210	0.1 uCi	
Check Source	1	Sr-90	0.1 uCi	

Check Source	1	Co-60	0.1 uCi	
Check Source	1	Po-210	0.1 uCi	
Check Source	1	Cs-137	0.1 uCi	
Check Source	1	Sr-90	0.1 uCi	
Check Source	1	Sr-90	0.1 uCi	
Check Source	1	Co-60	0.1 uCi	
Check Source	1	Co-60	0.1 uCi	
Check Source	5	Cs-137	N/A	
Check Source	9	C-14	N/A	
Check Source	8	Radium D	N/A	
Check Source	5	Co-60	35 uCi	
Check Source	24	Rs-209	N/A	

TABLE 5: LEAD PIG/SHIELD WITH URANIUM ORE & MISCELLANEOUS CONTENTS

Item	Activity/Measurements
Lead Shield	30" x 30" at ~400 lbs.
Uranium Ore	~ 3 inches at ~ 3 lb.
Radioactive Strip Slide (Zn-65)	8 uCi
Radioactive Strip Slide (Cr-51)	20 uCi
Radioactive Strip Slide (Co-60)	13 uCi
Radioactive Strip Slide (Cs/Ba-137)	N/A
Radioactive Strip Slide (Unknown)	N/A
Radioactive Strip Slide (Unknown)	N/A
Empty Vial	N/A
Empty Vial	N/A
Paper	N/A
Powdery Residue	N/A

Exposure Rate on Contact (Lead Shield)	150 ur/hr
Exposure Rate at 1 meter (Lead Shield)	38 ur/hr
Exposure Rate on Contact (Uranium Ore)	5.58 mr/hr
Exposure Rate at 1 Meter (Uranium Ore)	82 ur/hr

LEAD ITEMS

Item Description	Dose	Est. Weight (lbs.)	Notes
Red Block	background	29	Empty
Red Block	background	29	Empty
Blue Cylinder	background	16	Empty
Blue Cylinder	background	16	Empty
Blue Cylinder	background	16	Empty
Blue Cylinder	background	16	Empty

Business name and contact information must be included on the quote. Please email quotes to valentina.johnson@gvltec.edu.

Any questions can be emailed to: valentina.johnson@gvltec.edu no later than 7/31/2023 at 12:00 PM.



SUPPLIER CLASSIFICATION FORM

Company Name:	Phone: ()	
Address:		
City:	State:	Zip Code:
Contact Person:	Title:	Phone: ()
Company Email Address:		
Principal Product/Service:		I am <input type="checkbox"/> am not <input type="checkbox"/> a current supplier.

Complete below to identify and certify your company qualifies as Large, Small, Women or Minority owned:
(Check only those that apply):

- Large Business Concern** – A Major Corporation with more than 500 employees.
- Small Business Concern** – A business concern, including its affiliates, independently owned and operated which is not dominant in the field of operation and which meets Small Business Administration standards as to the number of its employees and/or dollar volume of its business. (Generally under 500 employees)
- Minority Business Concern** – A business at least 51% of which is owned (or, in the case of publicly owned businesses, at least 51% of the stock of which is owned) by one or more minority individuals or other individuals found to be economically and socially disadvantaged as established by the South Carolina’s Division of Small and Minority Business Contracting and Certification (SMBCC) and whose management and daily operation are controlled by such individuals. **Check all appropriate boxes below:**
 - African American
 - Hispanic American
 - Asian-Pacific American
 - Native American (American Indian, Eskimo, Aleut)
 - Female
 - Male
- Women Owned Business Concern** – A business that is at least 51% owned by a non-minority woman who controls the daily management.
- Veteran Owned** – A business at least 51% of which is owned (or, in the case of publicly owned businesses, at least 51% of the stock of which is owned) by one or more Veterans.

CERTIFICATION STATUS:

- My company is certified by an authorized agency (attach copy).

Signature of Preparer

Printed Name of Preparer

Date