SOURCES SOUGHT SYNOPSIS / REQUEST FOR INFORMATION (RFI)

U.S. DEPARTMENT OF ENERGY

LOW-LEVEL AND MIXED LOW-LEVEL WASTE TREATMENT SERVICES

*****THIS IS A SOURCES SOUGHT SYNOPSIS / REQUEST FOR INFORMATION (RFI). THIS RFI IS RELEASED PURSUANT TO FEDERAL ACQUISITION REGULATION (FAR) PART 15.201 FOR MARKET RESEARCH PURPOSES ONLY. THIS ANNOUNCEMENT IS NOT A REQUEST FOR PROPOSALS (RFP) AND SHALL NOT BE CONSTRUED AS A COMMITMENT BY THE GOVERNMENT TO SEEK PROPOSALS OR AWARD A CONTRACT AT THIS TIME. *****

Solicitation Number: DE-SOL-0006499

Summary:

The U.S. Department of Energy (DOE), Office of Environmental Management (EM) is currently in the planning stages for a follow-on procurement for waste treatment services. DOE requires the treatment of radioactive waste for final compliant disposition of liquid, solid, and gaseous low-level waste (LLW), and mixed low-level waste (MLLW) including high gram quantities that could also contain Toxic Substances Control Act (TSCA) including polychlorinated biphenyl (PCB), beryllium (Be), classified, biologically hazardous, petroleum, oils, lubricants; hazardous gases; and asbestos constituents. Waste material to be treated originates from Federal facilities and is derived from operational processes, clean-up, and remediation activities. This service supports the EM mission of safely completing the cleanup of the environmental legacy brought about from five decades of nuclear weapons development and government-sponsored nuclear energy research. The current Indefinite Delivery/Indefinite Quantity (ID/IQ) contracts for these services expire in June 2015.

DOE is seeking interested parties that have the specialized capabilities, or will soon have the specialized capabilities, required to accept, store, repackage, and treat the DOE waste types described above. The North American Industry Classification System (NAICS) code for this requirement is **562211 – Hazardous Waste Treatment and Disposal**, Size Standard $35.5 Million (annual receipts).

All interested parties are invited to submit a capability statement of no more than twenty (20) pages, and no smaller than 12 point Times New Roman font. The Government will assess each capability statement to determine if the source is capable of satisfying the requirements based its demonstrated capabilities, expertise, experience, and overall responses to the questions listed below.

All capability statements must include: name of firm, or firms if a teaming arrangement is proposed, point of contact, phone number, address of firm(s), and the DUNS number for the prime entity. Additionally, capability statements should include the following information as appropriate and as applicable:

1) Describe the capabilities your organization has, or will shortly have, that is unique for the treatment of the estimated volumes and waste categories, all, or in part, in Attachment 1 e.g., Non-PCB, TSCA & RCRA PCB, RCRA metals, combustible, non-combustible, soils, sludges, solids, debris, organic constituents, Mercury > 260 ppm, Mercury < 260 ppm, Elemental

Mercury, EPA waste codes for Ignitability (D001), Corrosivity (D002), Reactivity (D003), toxicity due to contamination with RCRA-regulated toxic metals and organic compounds (D004 through D043), F, K, P, and U, labpacks, aerosol cans, combustible liquids (non-wastewaters), non-combustible liquids (may be wastewaters, metal bearing inorganic wastes), liquid aqueous and organic RCRA non-wastewaters, slurries, wastewaters, asbestos, Be, biologically hazardous, classified constituents, biohazard solids and liquids, petroleum products, oils, lubricants; hazardous gases, tritium, and asbestos.

2) Describe your organization's approach to accept, transport, store, repackage, treat, or otherwise disposition these wastes. Also describe all residual, byproduct and secondary waste, and the approach to treat or dispose of this waste. This may include storage, transportation and packaging of this treated material. Describe the estimated capacity/throughput of the approach.

3) Identify any challenges and risks involved with your organization's capabilities and approach. Identify how your organization would minimize these risks.

4) Describe your organization's operating or proposed facilities and wastes currently being treated and associated regulatory requirements (Identify applicable laws, regulations and statutes, and the status of your associated permits and licenses). Identify any restrictions or waste categories that are restricted by your permits or licenses.

5) If your organization does not currently have technical or regulatory capabilities, but will in the near future, include a forecast schedule as to when these technical and regulatory capabilities will be available to treat the described waste. Identify all National Environmental Policy Act (NEPA) and regulatory issues that would need to be addressed relative to interested party's approach.

6) Identify new waste treatment methods and general waste acceptance criteria for the new treatment methods and/or approaches.

7) Identify alternative/recycling disposition strategies for any wastes (or potential wastes) that may not require permitted or licensed treatment and disposal.

8) Discuss ideas, opinions, and interest in participating in all or part of the treatment of the LLW and MLLW that could also contain TSCA including PCB, biohazard, Be, biologically hazardous, petroleum, oils, lubricants; hazardous gases; tritium; and asbestos constituents and any combination of these waste types.

9) Discuss your organization's ability to process all of the waste types described above that are also considered classified.

10) Provide a brief experience write-up of all DOE, other Government, or other commercial experience relevant to this RFI (include contract number, date, scope, duration, client, and contracting agency contact).

11) Identify socio-economic status 1) small business; 2) 8(a) business; 3) HUBZone small business; 4) small disadvantaged business; 5) woman-owned small business; 6) service-disabled, veteran-owned small business; or 7) large business.

Attachment #1, provided as a reference to this RFI, includes current estimates of volumes, by assumed general treatment technology that may be generated through DOE mission activities, including environmental cleanup. This data is based on the waste forecasts contained in the Department's baseline disposition data (2013) (available at http://www.emwims.org) and provides a bounding case for planning purposes (it should be noted that these forecasts are currently being revised). The estimates reflect preliminary processes and plans, informed by past experience. These are preliminary plans and can be subject to significant revisions as a result of future budget appropriations.
DOE reserves the right to use any and all information submitted by, or obtained from, an interested party in any manner DOE determines is appropriate, including, but not limited to, the creation of a competitive solicitation. An interested party should avoid including any classified, business confidential, and/or proprietary information in its response. However, if an interested party must submit such information, the information must be clearly marked accordingly, and the interested party must provide sufficient justification as to why such information is business confidential and/or proprietary. DOE will review the information and safeguard it appropriately.

The Government will not pay for any information that is provided in response to this announcement nor will it compensate any respondents for the development of such information.

Responses shall be submitted electronically to Chris Lockhart, Contract Specialist, at Christopher.lockhart@emcbc.doe.gov no later than 4:00 p.m. EDT on **April 28, 2014**. All questions pertaining to the announcement should be directed to Mr. Lockhart by email or by phone at 513-744-0996. All questions pertaining to this announcement will be answered through a "Special Notice" electronically through Fedconnect https://www.fedconnect.net/FedConnect. DOE personnel may contact firms responding to this announcement to clarify a responder's capabilities and other matters as part of this market research process.

Place of Performance: Contractor waste treatment facility, unknown.

Contracting Officer:

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Contract Specialist:

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Attachment 1- Upper Bound of
DOE MLLW and LLW Volumes Requiring Treatment by Fiscal Year (cubic meters)

		2015	2016	2017	2018-22	2023-27
Mixed Low Level Waste						
Incineration	Liquids	15	19	21	64	17
Incineration	Solids	2	1	3	6	3
Neutralization		18	1	0	1	1
Macroencapsulation	Solids	3188	925	2383	6648	4965
Multiple/Various	Liquids	99	64	126	3931	29
Multiple/Various	Solids	693	452	558	1813	4339
Other	Liquids	611	2670	3988	29616	43288
Other	Solids	74	0	0	1	1
Other Thermal Treatment	Liquids	20	20	20	100	100
Other Thermal Treatment	Solids	6	7	13	501	538
Stabilization/Solidification	Liquids	2	1	2	5	5
Stabilization/Solidification	Solids	345	49	96	410	76
To Be Determined	Liquids	0	0	0	0	0
To Be Determined	Solids	7	37	24	5405	6077
Vacuum Thermal Desorption		0	17	10	62	1
Low Level Waste						
Compaction	Solids	623	628	729	3518	3478
Incineration	Organic Liquids	32	26	26	131	129
Incineration	Solids	0	0	1	2	1
Metal Melting		227	227	227	260	1
Multiple/Various	Liquids	7	7	11	39	39
Multiple/Various	Solids	3130	1222	473	982	629
Other Thermal Treatment	Organic Liquids	3	15	3	10	10
Other Thermal Treatment	Solids	622	627	1009	4918	4879
Sort/Segregate		218	164	420	19846	17933
Stabilization/Solidification	Liquids	22	20	23	79	52
Stabilization/Solidification	Solids	360	360	360	1790	1775
To Be Determined	Liquids	0	1	0	0	0
To Be Determined	Solids	0	1	1005	1106	1047
Vacuum Thermal Desorption		0	0	0	1	1

Note that a zero value indicates less than one half cubic meter.