



Protecting,
Enhancing, and
Restoring Our Environment

CTI and Associates, Inc.
28001 Cabot Drive, Suite 250
Novi, MI 48377
248.486.5100 (P)
248.486.5050 (F)

**GSA Contract No. GS-10F-0269W (8/24/15—8/23/20)
SIN 899-8, 899-8RC—Professional Services Schedule
NAICS 562910**



**Business Size:
Small Disadvantaged
Business**

**DUNS Number:
040573966**

**CAGE Code:
1NH68**

**Ordering Information:
1.800.CTI TODAY**

www.cticompanies.com

About Us

CTI and Associates, Inc. (CTI) is a leading Small Business provider of Environmental, Engineering, and Construction Services. With more than 40 years of experience in managing and executing environmental and infrastructure services for government and commercial clients, CTI is dedicated to providing safe, cost-effective, quality services within these primary areas:

- Environmental Remediation
- Solid Waste (design/build/permit)
- Landfill Gas-to-Energy
- Civil and Environmental Engineering
- Operations and Maintenance including LTM/LTO and RPO
- Sustainment, Restoration, and Modernization

CTI's government clients include: USACE, DOE, GSA, U.S. Coast Guard, U.S. Air Force, DOT and USEPA.

Description of Services Offered under SIN 899-8

Federal agencies can quickly CTI and Associates, Inc. to provide cost-effective remediation services through our Federal Supply Schedule (FSS) Contract for Professional Services. This contract provides a vehicle for federal agencies and other authorized users to easily obtain CTI's services. CTI is capable of providing a broad scope of services under the contract, including:

- Excavation, removal, manifesting, transportation, storage, treatment (on site and off site), and/or disposal of hazardous waste
- Containment, monitoring, and/or reduction of hazardous waste sites
- Preparation, characterization, field investigation, conservation, and closure of sites
- Long-Term Monitoring/Long-Term Operation (LTM/LTO) and Remedial Process Optimization (RPO).

Contract Administrator

**Robyn James
(248) 560.0723**

rjames@cticompanies.com

Program Manager

**Matt Jerue, P.E.
(248) 560.0709**

mjerue@cticompanies.com

7 Locations

- Novi, MI (HQ)
- Kansas City, MO
- Knoxville, TN
- Columbus, OH
- Milwaukee, WI
- San Antonio, TX
- Charlotte, NC



Labor Categories	Education / Yrs. Exp.	GSA RATES
Administration** —Performs secretarial, project accounting, clerical, and administrative duties for office staff including Office Manager, Project Administrators, Project Controls, Contract Administrators, and senior management.	HS / 5	\$39.48
CADD Designer** —Design and prepare complete and accurate working plans, charts, scale drawings and revisions for complex projects, integrating skilled architectural/engineering drafting methods and procedures with the operation and application of computer-aided design (CADD) equipment and software.	HS / 1	\$54.31
CADD Specialist** —Design and prepare complete and accurate working plans, charts, scale drawings and revisions for complex projects, integrating skilled architectural/engineering drafting methods and procedures with the operation and application of computer-aided design (CADD) equipment and software.	HS / 4	\$60.81
Chemist —Performs chemical analysis, evaluation and physical/functional testing on a wide range of samples including chemical solutions from process vats, oils and fluids, water and waste water, preservatives, paints, sludge's, residue and chemically coated or plated samples.	BS / 4	\$74.06
Clerical** —Performs secretarial, clerical, and administrative duties for office staff including Office Manager, Project Administrators, Project Controls, Contract Administrators, and senior management.	HS / 8	\$41.88
Contracts Administrator —Supervise, lead or perform various duties concerned with the procurement of supplies, services, construction, or research and development using formal advertising or negotiation procedures; the evaluation of contract price proposals; and the administration or termination and close-out of contracts.	AA / 4	\$78.28
Principal Engineer —Attends project meetings; perform site visits; oversee computer modeling; supervise design calculations and construction documents and construction estimates; write selected portions of reports; and, interact with a team of multi-disciplined professionals. This position will include reviewing and interpreting plans and specifications for completeness, accuracy, and constructability.	BS+PE 15	\$125.50
Sr. Project Engineer —Attend project meetings; perform site visits; lead computer modeling efforts; lead design calculations and construction documents and construction estimates; write selected portions of reports; and, interact with a team of multi-disciplined professionals. This position will include reviewing and interpreting plans and specifications for completeness, accuracy, and constructability.	BS+PE 10	\$109.31
Project Engineer —Attend project meetings; perform site visits; carry out computer modeling; prepare design calculations and construction documents and construction estimates; write selected portions of reports; and, interact with a team of multi-disciplined professionals, under the guidance of a senior engineer. This position will include reviewing and interpreting plans and specifications for completeness, accuracy, and constructability.	BS+PE 6	\$98.18
Engineer —attend project meetings; perform site visits; carry out computer modeling; learn how to prepare design calculations and construction documents and construction estimates; write selected portions of reports; and, interact with a team of multi-disciplined professionals, under the guidance of a senior engineer. This position will include reviewing and interpreting plans and specifications for completeness, accuracy, and constructability.	BS / 4	\$71.45
Field Technician** —Supports civil and environmental sampling, field work, and sample receiving/data entry on Environmental Services contract. Field work/sampling includes but not limited to: wastewater, drinking water, soil, and various types of hazardous wastes. Gathers, and with increasing experience, interprets a wide variety of data.	HS / 2	\$48.38
Field Engineer —Field oversight and onsite project leadership for civil works, environmental and general construction related projects. Maintain daily records of progress and costs, document field changes in scopes of work, and submit change orders as required.	HS / 0	\$61.74
Project Geoscientist —Provides leadership to assigned projects, including various aspects of field work management and field work execution. Field tasks will include drilling, sampling, and various other field tasks associated with site investigation and remediation.	BS / 4	\$73.07
Sr. Geoscientist —Provides overall leadership to projects, including staff assignments for office related work and field work management.	BS / 10	\$103.68
Geoscientist —Provides support to projects, including field work. Field tasks will include drilling, sampling, and various other field tasks associated with site investigation and remediation.	BS / 0	\$60.23
Sr. Project Consultant —Leadership in planning, conducting, and preparing reports for field investigations, remedial engineering, regulatory compliance, remedial construction, horizontal and/or vertical construction, Operations & Maintenance, project closure, and client assigned duties.	BS+PE/PG 10	\$125.50
Sr. Project Manager —Project management of environmental remediation and infrastructure projects in excess of \$250K. Direct client interface with the ability to develop technical and cost proposals for firm fixed price, cost reimbursable, and time & material task orders and new contracts.	BS / 7	\$109.31
Staff Scientist —Plan, conduct, and prepare reports for field investigations, including threatened and endangered species surveys, wetland delineation, multimedia sampling (surface water, sediments, soils, groundwater, biota) and writing reports/proposals.	BS / 4	\$71.86
Site Superintendent —responsible for Remedial construction and/or Civil field activities of the project including excavations, utility connections, transportation and disposal of hazardous waste, manifesting, grading, backfill, foundations, earthwork, drilling, underground piping, and supervision of civil discipline subcontracts.	HS / 10	\$80.80

**Indicates SCA eligible categories. See SCA Matrix following the price list for additional information regarding these labor categories.

The Service Contract Act (SCA) is applicable to this contract and it includes SCA applicable labor categories. The prices for the indicated SCA labor categories are based on the U.S. Department of Labor Wage Determination Number(s) identified in the matrix. The prices offered are based on the preponderance of where work is performed and should the contractor perform in an area with lower SCA rates, resulting in lower wages being paid, the task order prices will be discounted accordingly.

SCA Eligible Contract Labor Category	SCA Equivalent Code – Title	WD Number
Administration	01011-Accounting Clerk I	05-2273 Rev 15
CADD Designer	30061-Drafter/CAD Operator I	05-2273 Rev 15
CADD Specialist	30062-Drafter/CAD Operator II	05-2273 Rev 15
Clerical	01113-General Clerk III	05-2273 Rev 15
Field Technician	30081-Engineering Tech I	05-2273 Rev 15

USACE Kansas City District – Hutchinson Naval Air Station, Yoder, Kansas

CTI performed soil and groundwater investigation followed by In-Situ Chemical Oxidation (ISCO) design and implementation for VOC-impacted groundwater at the Former Hutchinson Naval Air Station (Former HNAS) under our Long-Term Response Action contract with the US Army Corps of Engineers – Kansas City District. CTI was contracted by the District to reduce contaminant mass from groundwater below the disposal trench via in-situ remediation by injection of catalyzed hydrogen peroxide (CHP) and sodium permanganate during two separate injection events. Project activities completed to date include:

- Development of work plans (CQCP, APP/SSHP, UFP-QAPP, and FSAP) for site investigation activities and development of the ISCO Work Plan;
- Design and implementation of site investigation activities to select oxidant and optimize injection strategy; acquisition of the KDHE Underground Injection Program (UIP) permit; implementation of approved ISCO injection program; groundwater monitoring to assess the effectiveness of the ISCO injection program; site restoration; and preparation of the Removal Action Completion Report.
- Engineering Evaluation (EE) of the prevalence of Carbon Tetrachloride and chloroform in groundwater. CTI's EE recommended replacing the sodium permanganate injection event with a second CHP injection event due to the inability of permanganate to treat these compounds.
- Performed a vadose zone investigation of the former disposal pit to evaluate the potential for horizontal contaminant migration beyond the identified treatment area footprint. 3-D modeling and interpretation of soil analytical results supporting the USACE decision to reduce infiltration and vertical contaminant migration through the installation of a clay cap at disposal pit.
- The ISCO program included two CHP injection events. Approximately 3,150 gallons of a patented neutral pH chelated iron catalyst dissolved in water and 3,150 gallons of 12% hydrogen peroxide were injected into the treatment area during each injection event.
- Groundwater performance monitoring events were performed to assess VOC concentrations following the ISCO program.
- Preparation of the Remedial Action Completion Report (RACR) summarizing field investigation, ISCO Program activities, and performance monitoring.

USACE Louisville District – Long-Term Groundwater Monitoring: Multiple Locations

CTI is currently providing Long-Term Monitoring Environmental Services for three facilities under our A-E Services contract with the US Army Corps of Engineers – Louisville District. This work involves long-term groundwater monitoring activities including well integrity inspections, groundwater level measurements, groundwater sampling, analytical data validation, Final Report, and preparation of USEPA 5-year review reports. Project sites include Jefferson Proving Grounds, Mississippi Army Ammunition Plant and Savanna Army Depot.

USACE Louisville District – Joliet Army Ammunition Plant Feasibility Study

CTI is currently providing Environmental Services to the Joliet Army Ammunition Plant under our A-E Services contract with the US Army Corps of Engineers – Louisville District. This work includes a Feasibility Study (FS) for the L2-L3 Extended Buffer Area Munitions Response Site (JAAP-001-R-02). The FS was completed under the Military Munitions Response Program (MMRP) consistent with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). The purpose of this FS was to evaluate a range of remedial actions that could be implemented at the L2-L3 Extended Buffer Area to reduce potential hazards that munitions and explosives of concern (MEC) may pose to human health and the environment. Future work includes preparation of the Proposed Plan outlining the selected remedial alternative and the final Record of Decision for L2-L3 Extended Buffer Area Munitions Response Site.

USACE Kansas City District - Manchester Annex Superfund Site, Kitsap County, WA

CTI provided remedial design services at the Manchester Annex Superfund Site located in Kitsap County, Washington, on the shore of the Puget Sound. Under this Task Order, CTI completed remedial design modifications and construction to address erosion damage to the Landfill Shoreline Protection System which protects the landfill cap and cover system from wave action, prevents tidal flushing, and provides fish spawning habitat. Project activities completed to date include:

- Detailed engineering survey and analysis of current conditions and tidal erosion.
- Shoreline Protection System design modifications including restoration of 1,050 lf of beach to original as-built design vertical elevations and slopes including rock revetment taper and gravel/cobble beach nourishment during dry conditions at low tide,
- Drainage system upgrades including culverts and manholes to promote positive landfill surface water drainage,
- Landfill cover vegetation, perimeter fence, and road pavement improvements,
- Culvert collapse feature inspection, and
- Land and aerial surveys to document as-built location and elevation details for repair work.

Customer Information List

1. **Special Item Numbers:** 899-8 and 899-8RC
2. **Maximum order:** \$1,000,000
3. **Minimum order:** \$100
4. **Geographic coverage:** Domestic delivery
5. **Point of Production:** N/A
6. **Discount from list price:** Prices shown herein are net prices.
7. **Quantity discounts:** None offered.
8. **Prompt payment terms:** 0% Net 30 days; 1% Net 10 days
- 9a. **Government purchase card:** Accepted at/above micro-purchase threshold (\$3,500).
- 9b. **Government purchase card:** Accepted at/above the micro-purchase threshold.
10. **Foreign items:** N/A
11. **(a-d) Time of delivery:** a. Specified on Task Order
b. Contact Contractor c. Contact Contractor d. Contact Contractor.
12. **F.O.B. point(s):** Destination.
- 13a. **Ordering address:** CTI and Associates, Inc.
28001 Cabot Drive, Ste. 250, Novi, MI 48377
248.486.5100 (P) 248.486.5050 (F)
E-Mail Address: mjerue@cticompanies.com
14. **Payment address: Regular Mail (USPS): Overnight Courier:**
Same as Ordering Address
15. **Warranty provision:** Contractor's standard commercial warranty
16. **Export packing charges:** N/A
17. **Terms and conditions of Government purchase card acceptance:** Contact Contractor
18. **Terms and conditions of rental, maintenance, and repair:** N/A
19. **Terms and conditions of installation:** N/A
20. **Terms and conditions of repair parts:** N/A
- 20a. **Terms and conditions for any other services:** N/A
21. **List of service and distribution points.** N/A
22. **List of participating dealers:** N/A
23. **Preventive maintenance:** N/A
- 24a. **Special/Environmental attributes:** N/A
- 24b. **EIT Standards:** N/A
25. **DUNS number:** 040573966
26. **Notification regarding registration in CCR database:** Registered