

CTI and Associates, Inc ***“A Project Delivery Company”***



Corporate Overview



What We Are

- ✓ **Founded in 1976, CTI is a full-service Environmental, Landfill, Engineering and Construction company**
- ✓ **CTI has a staff of nearly 85 professionals in eight locations throughout the Midwestern / Southeastern US.**
- ✓ **CTI's past experience includes thousands of landfill, remediation, advanced geotechnical engineering and construction projects delivered to various commercial, municipal, and federal agencies**
- ✓ **CTI is a certified SBA 8(a) / SDB firm with 35 years of demonstrated success in providing clients with creative, cost-effective solutions to their complex environmental and geotechnical problems.**



What We Are

- ✓ **Established – 1976**
- ✓ **Current Ownership – 2005**
- ✓ **SBA 8(a) Awarded – 2006**
- ✓ **Bonding Capacity – \$6+MM Single, \$22MM Aggregate**
- ✓ **NAICS Codes – 8(a) qualified**
 - 237990 (Other Heavy and Civil Engineering Construction)
 - 238910 (Site Preparation Contractors)
 - 541380 (Testing laboratories)
 - 562910 (Environmental Remediation) ← **Primary NAICS Code**
 - 562211 (Hazardous Waste Treatment & Disposal)
 - 562212 (Solid Waste landfill)
 - 562213 (Solid Waste Combustors and Incinerators)
 - 562219 (Other Nonhazardous Waste Treatment and Disposal)
 - 562111 (Waste Management & Remediation Services/Solid Waste Collection)



Who We Are

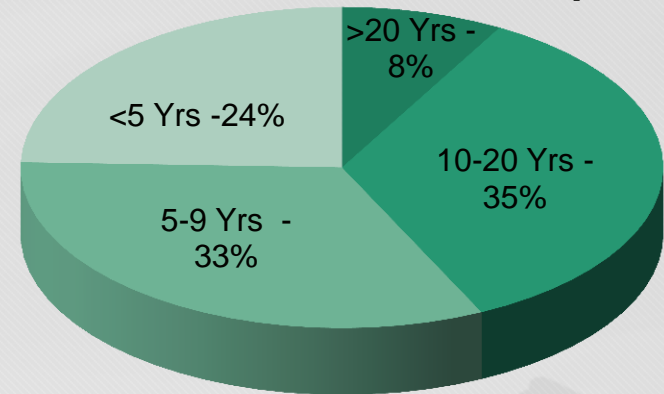
✓ 85 full-time staff and seasonal, part-time and contract employees

- Engineers (civil, geotechnical, environmental)
- Geologists / hydrogeologists
- Scientists
- Superintendents
- Field technicians
- Safety officers
- Quality control managers

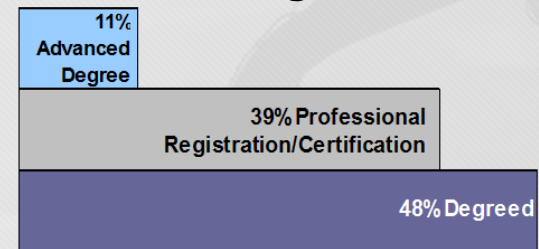
✓ Experienced federal contractor

- USACE
- US Air Force
- US Coast Guard
- GSA
- DOT (MI, OH, IN, PA)
- USEPA (Region 5)

Professional Experience



Education/Registration Experience



Key Personnel

Name Title	Highest Degree CTI Role	Professional Registration	Years of Experience
Morgan Subbarayan <i>President</i>	MS (Environmental) <i>Corporate Oversight</i>	PE (MI, OH, KY)	25
Chris Winkeljohn <i>Senior Vice President</i>	BS (Chemical) <i>Senior Program Manager</i>	PE (MI)	25
Joey Brown <i>Senior Vice President</i>	MS (Public Health) <i>Senior Program Manager</i>	CIH	30
Te-Yang Soong <i>Vice President - Engineering</i>	PhD (Geotechnical) <i>Senior Engineer</i>	PE (MI, OH, PA)	22
Andrew Lonergan <i>Vice President - Remediation</i>	MS (Geochemistry) <i>Program Manager</i>	PG (GA)	22
Angela Leonard <i>Vice President – Solid Waste</i>	BS (Geological Engineering) <i>Senior Engineer</i>	PE (MI, OH, PA, FL, WV, VA, AZ, TX)	18
Rob Stenson <i>Senior Geophysicist</i>	MS (Geophysics) <i>Senior Project Manager</i>	PG (WI)	24
Jamie Dickson <i>Senior Environmental Engineer</i>	BS (Environmental) <i>Senior Environmental Engineer</i>	PE (SC, MI, OH, PA, MO, WI, WV, WA)	20
Frank Bader <i>Senior QA/QC</i>	BS (Civil) <i>Senior QA/QC, Program Manager</i>	PE (MO)	42
Kirk Loveall <i>Senior Civil Engineer</i>	MS (Civil, Structural) <i>Lead Structural Engineer</i>	PE (MI, MD, CO, MN, TN)	16
Xianda Zhao <i>Senior Environmental Engineer</i>	PhD (Environmental) <i>Lead Environmental Engineer</i>	PE (MI)	15



Where We Are

- ✓ Wixom, MI (HQ)
- ✓ Kansas City, KS
- ✓ St. Louis, MO
- ✓ Cleveland, OH
- ✓ Pittsburgh, PA
- ✓ Milwaukee, WI
- ✓ Jacksonville, FL
- ✓ Knoxville, TN



What We Do - Engineering

Solid Waste Services

- Permit, design and construction of landfill liner & cover systems
- Landfill final cover long-term reliability assessment
- Slope and cover system stability analysis and stabilization
- Soft ground improvement and sludge lagoon capping
- Compliance, operation and maintenance
- Waste excavation and relocation planning

Geotechnical Engineering / Construction Material Testing

- Site investigation / drilling services
- Foundation design / ground improvement
- Reinforced retaining wall /slope resign
- Slope stability analysis / landslide remediation
- Geotechnical laboratory testing – AASHTO / USACE validated



What We Do - Environmental

Environmental Remediation

- Remedial investigation / feasibility studies / risk assessment
- Fate & transport modeling / 3D visualization
- In-situ / ex-situ remediation design
- Plume delineation and remediation
- Long-term operations / monitoring
- Remedial process optimization (RPO)

Hazardous Materials / Health Sciences / Regulatory Compliance

- Hazardous materials characterization and management
- Facility decommissioning / asbestos, mold and LBP abatement
- UST and pipeline evaluations, removal and replacement
- Compliance program development / web-based compliance tracking
- RCRA / OSHA training
- RCRA waste de-listing



What We Do - Construction

Heavy Civil Construction

- Levee repairs / rehabilitation
- Culverts / pipes and drains
- Hydraulic relief wells
- Stream restoration

Design-Build / Construction Management

- Constructability review
- Engineering design / permitting / value engineering
- Project planning / bid coordination / submittal review
- Construction management at risk
- Construction Quality Control (CQC) / Quality Assurance (CQA)
- Budget management / project closeout



Commitment to Safety

- ✓ Established processes for safety planning, enforcement, corrective action & continuous Improvement
- ✓ Commitment to Safety – **EMR=0.82 (2010)**
- ✓ Received 2009 USACE SB Safety Performance Award (USACE St. Louis District)



DEPARTMENT OF THE ARMY
ST. LOUIS DISTRICT CORPS OF ENGINEERS
1222 SPRUCE STREET
ST. LOUIS, MISSOURI 63103-2833

REPLY TO
ATTENTION OF:
Executive Office

January 5, 2010

CTI and Associates
Mr. Chris Winkeljohn
51331 W. Pontiac Trail
Wixom, Michigan 48393

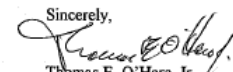
Dear Mr. Winkeljohn,

Each of the six Corps of Engineers Districts within the Mississippi Valley Division annually select one large and one small business contractor demonstrating safety excellence. I am pleased to inform you that CTI and Associates has been selected as the St. Louis District's recipient of the 2009 Contractor Superior Safe Performance Award in the small business category. As you know, safety is a top priority throughout the Corps. We pride ourselves in the fact that we have a reputation for maintaining the highest safety standards for the protection of our employees, contractors and the public as well as the nation's resources. We strive to ensure our partners share in our safety commitment and embrace our steadfast safety philosophy.

CTI and Associates was selected because of the exemplary safety performance and commitment to safety exhibited throughout the repair of 22 critical levee slides on the Degognia Fountain Bluff Levee System. Your company's teamwork and attention to safety resulted in the successful completion of work with no accidents or incidents.

District Awards and the Regional Award (chosen from the District nominees) will be presented at the Mississippi Valley Division's Third Annual "Safety Now" Awards Dinner on February 3, 2010 at the Perdido Beach Resort in Orange Beach, Alabama. Details and reservation form are attached. If you are unable to send a representative to accept the award on February 3, we will be happy to make other arrangements for an award presentation. If you have any questions, please contact my Safety and Occupational Health Manager, Ms. Katharine Meadows, at (314) 331-8307.

Congratulations on being selected for this award. Your safety record reflects great credit upon your company and is a testimony of CTI and Associate's commitment to the safety and health of its employees and the public.

Sincerely,

Thomas E. O'Hara, Jr.
Colonel, U.S. Army
District Commander



Federal Contracts Completed / In Progress

- ✓ **Secured multiple USACE IDIQ contracts in Midwest**
- ✓ **Provided services to**
 - USACE
 - Army
 - Air Force
 - Army Reserve Command
 - Department of Homeland Security
 - GSA
- ✓ **Received 14 contracts with over 30 task order assignments in the last three years**

All CPARS & CCASS overall ratings are **Exceptional to **Above Average****



What CTI Brings to the Table

- ✓ **Leadership / Vision**
poised to grow simultaneously in Federal and non-federal markets
- ✓ **35 years of proven performance**
CTI delivers value in pursuits, proposals and projects
- ✓ **Technical Excellence**
including documented innovations in our core competencies
- ✓ **Complimentary Services**
lab, survey, self-perform construction
- ✓ **Agility**
to respond rapidly to meet your requirements

Direct Access to Minority, 8(a) & SB Set-Aside Markets



Commercial / Municipal / State Opportunities

- ✓ **DOT CM projects – testing / drilling partner (DBE credits)**
- ✓ **DOT design and geotechnical support**
- ✓ **Municipalities – reliable minority partner**
- ✓ **Green energy partner – septage bioreactor landfill (patented technology)**
- ✓ **Easy vehicle for non-federal project delivery – construction**
- ✓ **CTI is committed to making your innovative idea a reality through our growing relationship and smaller/agile operating style**



Contact Information

Joey Brown, CIH
Senior Vice President
865.963.2118
jbrown@cticompanies.com

Morgan Subbarayan, PE
President
248-486-5100
msubbarayan@cticompanies.com

Andrew J. Lonergan, PG
Vice President - Remediation
248.486.5100
dlonergan@cticompanies.com

Te-Yang Soong, PhD, PE
Vice President - Engineering
248.459.3404
tsoong@cticompanies.com

Chris Winkeljohn, PE
Senior Vice President
248.770.5790
cwinkeljohn@cticompanies.com

Angela Leonard, PE
Vice President – Solid Waste
248.486.5100
aleonard@cticompanies.com

