

REQUEST FOR PROPOSALS FOR GEOTECHNICAL ENGINEERING CONSTRUCTION MATERIAL TESTING SERVICES

PROPOSAL TABULATION

NAME	Professional Service Industries, Inc.	Soil & Materials Engineers, Inc.	McDowell & Associates	CTI & Associates	Testing Engineers & Consultants, Inc.
ADDRESS	Auburn Hills, MI	Shelby Township, MI	Ferndale, MI	Brighton, MI	Troy, MI
Years in Business	128 years	45 years	31 years	33 years	43 years
Years providing geotech eng services	128 years	45 years	31 years	26 years	43 yers
Years providing const material testing	128 years	45 years	31 years	33 years	43 years
Current Clients	200 local clients	650 geotech/2700 const mat/1200 pvmt	30 steady clients/over year 300 clients	8 govt clients; numerous private sector	8 current govt clients (partial listing)
Client References	Troy, Port Huron, Dearborn, Ann Arbor, Oak Park, Saginaw, Genesee County Road Comm, MDOT-Lansing, MDOT-Bay Region, MDOT-Univeristy Soils Region, Lakeshore Engineering Group, Roncelli, Inc.	Oakland County, RCOC, Washtenaw Cty, Washtenaw Cty Rd Comm, Livingston Cty, Livingston Cty Rd Comm, Dearborn, Kalamazoo, UPS, Ford, Oakland University Madonna University, University of Michigan	Royal Oak, Urban Engineering, Anderson Eckstein & Westrick, BASF Corp., Huron County Road Commission, Pulte Homes Corp, Hennessey Engineers, Inc., Mulvanney G2 Architecture, Schleede-Hampton Assoc, E. Gilbert & Sons	Adrian, MDOT, Ann Arbor, Genesee County Road Commission, Jackson, Oakland County, Brighton, Washtenaw County, Livonia, Oak Park, University of Michigan, Plante Moran, Wade Trim, Skanska, Farmington Hills, North Oakland Fire Authority, Henry Ford Hospital Expansion, St. Joseph Hospital Clinton Twp Addition	Troy, Sterling Heights, Trenton, Royal Oak, Farmington Hills, Ann Arbor, Oak Park, MDOT, Madison Heights/Nowak & Fraus, Lakeshore Schools, Gardenview Dev/Detroit Housing Comm
Full Time Employees	50 Metro Detroit/2500 Nationally	210 full time	50 full time	74 full time	80 full time
Part Time Employees	100 nationally		0 part time	7 part time	4 part time
Total Geotechnical Engineers	10 Metro Detroit/350 Nationally	65 geotechnical engineers	6 geotechnical engineers	10 geotechnical engineers	5 geotechnical engineers
Total Geotechnical Technicians	25 Metro Detroit/1000 Nationally	47 geotechnical technicians	14 geotechnical technicians	20 geotechnical technicians	35 geotechnical technicians
Resources	Experts in field, 24 hr response, extensive scope of services, PSIQEST - electronic system for testing and observation & reporting	Geotechnical engineering, geotechnical engineering expertise, construction materials services, pavement engineering, environmental consulting, MDOT pre-qualified service vendor	Five drill rigs and 4 all terrain drill rigs; Stte approved for MDOT roads, available 7 days a week, will provide verbal interpretations, ISO standard - working toward certification, continual training of staff; on-site visits weekly by supervisor, govt experience	Diverse staff in 5 locations in midwest - geotechnical eng & const materials testing, civil eng & land surveying, environmental eng & consulting, solid waste eng, const QA & const mgmt; pre-qualified MDOT, licensed civil/geotech eng; cert const inspection & testing personnel, soil & materials testing lab, in-hs subsurface exploration & drilling, environ consulting & engineering, reg surveyors, lic storm water operators, haz materials	Pre-Qualifed with MDOT, 24 hour scheduling, daily reports and accurate data, AASHTO Accredited Aggregate and Bituminous Lab, CCRL Accredited Concrete & Soils Laboratory, in-house staff equipment (including drill rigs) & credentials to provide req'd services; QA/QC procedures, safety trained and tested, staff affiliations w/ universities & outside resources to draw upon

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ADDRESS	Auburn Hills, MI	Shelby Township, MI	Ferndale, MI	Brighton, MI	Troy, MI
On-site testing facilities	Full service laboratories in Auburn Hills and Plymouth in addition to national resources	AASHTO accredited, AMRL cert testing, Equipmt to NIST standards & procedures in compliance w/ ASTM, cert by corps of engineers. Environ samples & chemical analysis may be subcontracted.	Yes, all field techs fully equipped vehicles to provide complete field concrete, masonry & soils testing. Portable lab fully equipped for soil testing and concrete strength tests	Fully-equipped on-site geotech material testing laboratory; recently completed on-site assessment from AASHTO materials reference lab (AMRL) accreditation program	Can place trailer on site with personnel and equipment. Lab in Troy Headquarters
Staff Profiles	El-Gamal-23 yrs, PhD, PE, struct,geo Rynbrandt PE 10 yrs, civil eng Cekic PE 13 yrs civil, environmental Wieczorek 20 yrs, Sr eng Tech, AH Gjogievski Sr Eng Tech 10 yrs AH Tinka Sr Eng Tech AH 6 yrs Rahman Sr Eng Tech, Sr Lab Tech 26 yrs Green CWI Stell Inspector, Plym 20 yrs Hestwood PE Sr Proj Eng Plym 17 yrs Arsenault Chief Driller Plym 13 yrs Sperka Geo Lab Mgr Plym 9 yrs	Gemayal PE 22 yrs, Prin Consult,Pt Contact Asst proj Mgrs: Thomas-PE-Sr Proj Eng 15 yrs Johnson PE-Sr Proj Eng 16 yrs Schmeisl PE- Proj Eng 6 yrs Technical consultants: Ostrowski PE Sr Proj Eng 33 yrs w/ MDOT/7 yrs w/SME Lindow PE, VP-40 yrs - structural Lanier-PE, Proj Eng-environmental 13 yrs	McDowell PE- civil engineering Kalisz PE - geotech & environ, civil, const Biasutto-Dir of Const Serv-const eng Kaniarz, MS, PE - Sr geotech eng Cenefels-const site inspector Hall-concrete tech, lab tech, concrete const inspector Kalisz-concrete tech, asphalt tech, concrete const inspector, chemical specialist	Manuel, PE-prog mgr,pt of contact 17 yrs Marsik, PE, LEED AP, proj mgr 14 yrs Taylor PE, proj mgr const mat test 15 yrs Meehle CWI 25 yrs Foye PhD, PE - geotech eng Loveali, PE -civil 15 yrs Cody-Lead geotech drilling foreman 20yrs Mauer-field eng tech - 9 yrs Nowak - field eng tech 11 yrs Carter - field eng tech 14 yrs Patel, MSCE, EIT lab supervisor 3 yrs	Ramos PE-VP Eng/Const Serv 27 yrs Chyla-Mgr Const Serv Sr Proj Mgr 37 yrs Louchart-Sr Eng Tech,Const Mat Test 5 yrs McGuckin-Lab & Field Supervisor 9 yrs Beach-Sr Eng Tech-Const Serv 15 yrs Patel-Eng Tech Const Serv 5 yrs Suhan-VP,Geotech & Environ Serv 24 yrs Christensen-PhD,PE, Sr Geotech Eng 30 yrs Putt PE Sr Proj Eng/Geotech 30 yrs Mickle-Sr driller/geotech serv 30 yrs Skinner-Environ Scientist/environ assmt dept - 6 yrs
Description of Reports	Daily Field Reports, Final Reports, Summary of field observations, report of foundation inspection, caisson field report, soil compaction report, report of hot mix asphalt field compaction, proofroll report, reinforcing steel inspection, report of field inspection of concrete, concrete compressive strength report, asphalt extraction report, geotech engineering report	For const serv projects, draft copies provided on daily basis; final copies transmitted electronically approx 1 wk following site visit. Daily reports will be dependent upon type of work performed.	Soils investigation Report, Soil Borings Log, Partial Sieve Analysis, Field Engineers Daily Report, Daily Concrete Inspection Report, Daily Soils Report,	Bituminous concrete compaction report, report of field concrete tests, report of field compaction tests, bituminous concrete placement, soil density report, concrete placement observation, daily field report, footing inspection report, report of concrete compression tests, report of grout compression tests, report of mortar proportions tests, sieve analysis report, extraction data-asphalt, proctor test report	Geotechnical Investigation, Limitations, Procedures and Standards-Field Exploration & Laboratory Testing, General Notes on Soil Description, Test Boring Location Plan, Logs of Test Borings, Laboratory Results, Field Investigation, Laboratory Testing, Generalized Subsurface Conditions, Existing Subsurface Information, Engineering Analysis & Recommendations, Construction Considerations
Timeline for reports	Final reports emailed with 24 hrs of inspection utilizing PSIQEST	CMS: generally wkly basis (final reports) Geotech: Within 2 wks of completion of field operations; verbal recommendation 3-5 days; Environ: 1 to 3 weeks	Geotech reports completed within 1 wk after final drilling w/ verbal info the day the soil borings are completed. Const inspect reported next bus day-emailed	7 calendar days for const mat test reports certain lab tests 1 to 2 days; Geotech reports 20-30 days from notice to proceed depending on scope of work	Daily preliminary reports on site, Final reports on 3rd bus day after test is performed. Lic Prof Eng will review the report & provide recommendations email

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ADDRESS	Auburn Hills, MI	Shelby Township, MI	Ferndale, MI	Brighton, MI	Troy, MI
Methods of Communications	Proj Mgr email, cell phone 24 hrs a day, PSIQEST system, site visits, client satisfaction surveys	Phone, mtgs, email, fax, punchlists, conf calls, documentation of mtgs, Outlook, Microsoft Project, FTP site to share drawings & info	Field eng-co. phones; engineers phone or email. If problem engineer go to site immediately to recommend a solution	Email, voice, reports, on-line file sharing and in terms of frequency; best methods of communication to be discussed w/City	Attendance at mtgs, proj mgrs, techs carry cell phones & phone list is generated for client
Geotechnical & materials testing services within 24 hrs of notification	Response with 24 hrs of notice, unless mobilization or utility clearance reqd.	Prefers 24 hr notice, but will provide. For geotech req 3 days for drilling	Respond in 2 to 3 hrs of notification; drilling operation can perform next day	24 hr response; CTI can quickly mobilize an air-ex unit to expose utilities prior to drilling (soft-dig).	TEC will easily respond to City's request within 24 hours of notification
Errors and Omissions Policy	Policy on errors or omissions in plans & specifications	Practice to wk with owner; comitted to product quality; Prof Liability Insurance	ISO guidelines for errors; if plans or specs incorrect inform client immediately and contact architect or design engineer	Minimize possible errors/omissions, quickly & accurately address any error or omission, maintain prof liab insurance, QA/QC; CTI response to correct issue	Process of implementing checks & auditing procedures to secure confidence in data at highest level of quality possible QA Plan/Insurance Policy
Contract	Purchase Order or Contract	Terms & Conditions provided	No	City's Professional Services Contract	City's Contract/Terms & Conditions provided
Billing procedures	Services billed per hr with minimum chrg of 3 hrs per day, veh chrg & equipmt chrg, test report prep chrg. Monthly billing; net 30 days	Can prepare invoices in detail or summary at any point in the project	Invoice every 2 weeks.	Monthly invoices, when requested progress report	Monthly invoicing; net 30 days
Litigation	Information Provided	Information Provided	Information Provided	Information Provided	Information Provided
Fee Schedule for additional tesing	Provided	Provided	Provided	Provided	Provided
Administrative Overhead	Does not charge	Included in daily rates	No	0.25 Adm Asst time for each day of requested engineering technician service	Adm overhead is included in hourly rates
Exceptions/Alternates	No			None	None

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NAME	TTL Associates Inc.	Somat Engineering Incorporated	ISC-Inspection Services Co., Inc.	Schleede-Hampton Associates, Inc.
ADDRESS	Plymouth, MI	Detroit, MI	Plymouth, MI	Birmingham, MI
Staff Profiles	Elliott PE, VP, Team Leader 18 years Roupe PE, VP, Geotech Mgr 18 years Mielcarek-drilling mgr 15 years Iott-geotech eng PE Brister-driller 20 years White-driller 10 years Conrad-lab technician Shovely PE, Proj Mgr 38 years Weaver, Sr Field Tech certified 20 years Fraker, Sr Field Tech certified 30 years Weeman Sr Field Tech certified 20 years Gradner-Field Tech certified 8 years Barnes-Field Tech certified 6 years Downer-Lab Tech certified 8 years	Shah PE-Proj Prin-pt of contact 37 yrs Anderson PE-QA/QC 32 years Benhamida PhD, PE Proj Mgr 23 years Zaremski PE Proj Mgr 10 years Patel PE-Funding & Reg Compliance 29yrs Mathari PE Proj Mgr 30 yeas Mein PE -environ mgr - 24 years Parsipour PE - 23 years civil engineering Aromogam PE structural eng 23 years	Kruzel, Pres, Proj mgr, sr proj eng, 22 yrs Souto PE proj mgr, proj eng in geotech and pvmt eng 34 years Surhigh PE 14 yrs proj mgr, proj eng, eng tech Faitel- driller 35 years Salsbery sr tech, drilling asst 12 years Campbell - sr tech 22 years Gronowski sr tech, lab tech 7 yrs Tilton-lab tech, sr tech 15 years Steward-outside staff, sr steel tech 30+ years	Berry-Proj Mgr- 20 years with RH, geotech eng projects Schleede, PE - Prin Eng -35 years West, PE- Proj Mgr, Const Service projects - 13 years Hurwitz, CET-Sr Eng Tech, NICET Cert Giorgi, MS - Geotech Field Eng.
Description of Reports	Mat Test Reports prepared to present results of ea test, survey or investigation performed. ID proj name & #, ID tests performed, date tested & present results as compared to specified results. Purpose of investigation, scope of work performed and results. Engineering recommendations and conclusions are clearly identified	Geotechnical Engineering and Csontractural Material Testing reports are prepared according to client's needs and specificaitons. Reports include deliverables completed, test results, unresolved issues and recommendations. Regularly scheduled progress mtgs ensure timely submittal and validity of reports. Process outlined.	Testing & inspection data reported on ISC forms & contain all info req'd by AASHTO, ASTM & MDOT standards & any info requested by client. Could be reported on MDOT forms. All techs write reports using laptop computers while working on job site. Reports can be emailed (Microsoft Word and Excel format)	Example Field Reports: Field Inspection & Mat Test Daily Report, Bearing Capacity Verif, DCP Test Data Report, Proof Roll Observation Report, Compaction Test Report, Concrete Inspect & Field Test Report, Marshall Prop Worksheet, Asphalt Extraction Test Report, Compaction Test Graph, Concrete Compressive Strength Test Report, Aggregate Analysis
Timeline for reports	Ensure prompt service to RH. Standard turn-around times to deliver written reports for various tasks are: construction material testing reports-5 days and geotechnical reports - 14 days	All test results to City within 7 days after completion of testing, unless directed	Typically mailed on weekly basis; could be mailed or emailed daily; download from ISC website using "client link"	Turnaround time for daily reports is about one week; Quick turnaround time if requested (ie, within one hr on site testing)

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ADDRESS	Plymouth, MI	Detroit, MI	Plymouth, MI	Birmingham, MI
Methods of Communications	Project Manager assigned	Partnership w/ client; project principal; project mgmt, wk plan approach & organization, availability & resources, quality assurance practices, scheduling	Project Team approach; cell phones & laptop computers for immediate response	Day to day communication mostly phone; personal visits, mobile phones, Nextel, proj site comm-test results & observation, data & report transmittal, comm with administrative staff
Geotechnical & materials testing services within 24 hrs of notification	Yes, staff based from Plymouth office	Project schedule for each assignment; workloads adjusted to meet needs of City	Available to respond 24/7. Can be on site within hours	Less than 24 hrs notification
Errors and Omissions Policy	Errors/Omissions will be brought to attention of client; no changes to proj specs w/o approval	Effective QA/QC; Professional Liability/Errors & Omissions; pre-qual consultant for MDOT & Ohio DOT; Certifications; safety standards and quality standards	If errors or omission discovered during construction, ISC wk w/ clients & contractors to determine intent of spec and use common sense to resolve	Certified staff/technicians, QC/QA, personnel trainings & prof engineering review; system of oversight & review
Contract	Contract must reference proposal	Contract provided	Contract attached	Per previous contract
Billing procedures	Monthly invoices	Weekly reports; monthly review; agreed upon in contract; typical net 30 days	Monthly progress billing	No report prep charges or admin overhead charges; fixed rate for lab tests; field work charges corroborated by daily time sheets
Litigation	No	Information provided	Information provided	Information provided
Fee Schedule for additional tesing	None Provided``			
Administrative Overhead	Adm overhead is included in the hourly rate charges	190% overhead on labor on time and material billing	Adm overhead incorporated within fees for eng inspection & testing	Does not charge admin overhead for report prep & distribution, inv prep or other admin tasks, including in personnel

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ADDRESS	Plymouth, MI	Detroit, MI	Plymouth, MI	Birmingham, MI
Exceptions/Alternates	N/A		None	rates & unit rate lab testing
	4 hours minimum charge for field eng, eng tech and technicians			No cost escalator for 2010 from 2009 contract unit rates and a 3% cost

RFP FOR GEOTECHNICAL ENGINEERING CONSTRUCTION MATERIAL TESTING SERVICES

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	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014					
	Testing Engineers & Consultants Inc					CTI & Associates, Inc.					McDowell & Associates					Professional Service Industries, Inc.					Soil & Materials Engineers, Inc.									
	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014					
Subcontracted Services																														
Administrative Overhead						.25/hr	See	Below								None														
	2 hr minimum					Min chrg for tech is 4 hrs/day					No charge for travel time					Rates	Portal to	Portal				Tech I fees apply for sample pick-up								
	hrly rates include all direct & indirect costs					Cancel fee of 2 hrs plus trans & other reimbursables					No fee for secy & eng report review					3 hrs	applied	to field	testing			Adm & Tech I fees apply for sample pick-up								
	OT applied to technician at 1.333 times hrly rat for hrs in excess of 8 M-F & Sat & 1.67 times hrs for Sun & Hol					Indirect proj mgmt chrg'd at 0.5 hrs per day of req'd tech service					No chrg for phone consults					Min	billing	ncremen	1/2 hr			Equipmt field staff rates								
						Indirect Adm Asst time chrg'd at .25					Bill 1/2 day at \$198-inspections											Field staff incl reports								
						Overtime chrg is 1.4 times reg rate					Bill full day- 8 hrs inspections											Trans Fee \$25/daily assessed								
						Chargeable time is portal-to-portal & time on-site					Wk cancelled billed at 2 hrs at \$75											Travel time=daily trans fee plus hrly								
																						Tech I rate of \$65 for sample pick up								
																						Lab rates reviewed yrly-increase up to 2.5% per fiscal year								
																						Subcontractor expenses 1.10 multiplier								
																						Reimbursable expenses for supplies, mail, permits, parking, mobilization,trans								

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	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014
Subcontract Fees (Fee +% as indicated)																									
Trips to Project Sites / Sample Collection & Pick-up (each)																									
Administrative Overhead																									
Overhead																									

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	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014					
Subcontracted Services											OT at 1.5 X straight at 8 hrs																			
Administrative Overhead											DT on Sun & holidays																			
	Field Eng, Eng Tech, Tech - 4 hour minimum charge applies										4 hr min applies to inspectors & techs					4 hr chrg	applies	to eng	techs &	field eng										
											All pricing in tact for contract duration					OT rates	1.4 x	base ove	8 hrs, Sa	Sun, hol										
											Added fees for equipmt, travel, support personnel & lab testings.					Tech rate	incl all	concrete	field test	equipmt										
											\$.65/mile project related travel					Eng time	chrg'd	only for	direct	involmt										
											Nuclear density gauges \$40/day					53.20	54.80	56.44	58.13	59.88	Daily Trans									
											Concrete & asphalt eqmt \$25/day					33.26	34.26	35.29	36.34	37.43	Nuclear Moisture Dens Gauge									
											Subcontracts: Cost + 15%					129.76	133.65	137.66	141.79	146.05	Trip to Proj Site for samples									
											*Other Geotech Lab & Equipmt Fees provided not consistent with RH form					33.26	34.26	35.29	36.34	37.43	Field Marshall Test Equipmt									
											No hrly min for eng time; proj mgmt scheduling & report review billed at					26.60	27.40	28.22	29.07	29.94	MDOT Cone Density Test Equipmt									
											0.5 hrs per day; no min chrg for lab techs																			
																at cost	at cost	at cost	at cost	at cost	Overnight mail charges									