NAME	Professional Service Industries, Inc.	Soil & Materials Engineers, Inc.	McDoweli & Associates	CTI & Associates	Testing Engineers & Consultants, Inc.
ADDRESS	Auburn Hills, MI	Shelby Township, MI	Ferndale, MI	Brighton, MI	Troy, MI
/ears in Business	128 years	45 years	31 years	33 years	43 years
ears providing geotech eng services	128 years	45 years	31 years	26 years	43 yers
/ears providing const material testing	128 years	45 years	31 years	33 years	43 years
					A A A A A A A A A A A A A A A A A A A
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)
	1000				
Client References	Troy, Port Huron, Dearborn, Ann Arbor,	Oakland County, RCOC, Washtenaw Cty,	Royal Oak, Urban Engineering, Anderson	Adrian, MDOT, Ann Arbor, Genesee	Troy, Sterling Heights, Trenton, Royal
	Oak Park, Saginaw, Genessee County	Washtenaw Cty Rd Comm, Livington Cty,	Eckstein & Westrick, BASF Corp., Huron	County Road Commission, Jackson,	Oak, Farmington Hills, Ann Arbor,
	Road Comm, MDOT-Lansing, MDOT-	Livington Cty Rd Comm, Dearborn,	County Road Commission, Pulte Homes	Oakland County, Brighton, Washtenaw	Oak Park, MDOT, Madison Heights/
	Bay Region, MDOT-Univeristy Soils	Kalamazoo, UPS, Ford, Oakland University	Corp, Hennessey Engineers, Inc.,	County, Livonia, Oak Park, University of	Nowak & Fraus, Lakeshore Schools,
Allineate Annual Control of the Cont	Region, Lakeshore Engineering Group,	Madonna University, University of	Mulvanney G2 Architecture, Schleede-	Michigan, Plante Moran, Wade Trim,	Gardenview Dev/Detroit Housing Comm
AA44	Roncelli, Inc.	Michigan	Hampton Assoc, E. Gilbert & Sons	Skanska, Farmington Hills, North	
			AAA	Oakland Fire Authority, Henry Ford	
			AAA	Hospital Expansion, St. Joseph Hospital	
A.B.A.B.A.B.A.B.A.B.A.B.A.B.A.B.A.B.A.B				Clinton Twp Addition	
					200 ( 1) ( 1)
ull 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
			Five drill rigs and 4 all terrain drill rigs;	Diverse staff in 5 locations in midwest -	Pre-Qualifed with MDOT, 24 hour
Resources	Experts in field, 24 hr response,	Geotechnical engineering, geotechnical		geotechnical eng & const materials	scheduling, daily reports and accurate
A. A	extensive scope of services, PSIQEST -	engineering expertise, construction	Stte approved for MDOT roads,	testing, civil eng & land surveying, envir-	data, AASHTO Accredited Aggregate and
a ta a a a a a a a a a a a a a a a a a	electronic system for testing and	materials services, pavement engineer-	available 7 days a week, will provide	onmental eng & consulting, solid waste	Bituminous Lab, CCRL Accredited Con-
A LAAA PIRITIA AAAA PIRITIA AAAA PIRITIA AAAA PIRITIA AAAAA AAAA AAAAA AAAAA AAAAA AAAAA AAAA	observation & reporting	ing, environmental consulting, MDOT	verbal interpretations, ISO standard -	eng, const QA & const mgmt; pre-qualified	crete & Soils Laboratory, in-house staff
		pre-qualified service vendor	working toward certification, continual		equipment (including drill rigs) &
			training of staff; on-site visits weekly	MDOT, licensed civil/geotech eng; cert	credentials to provide reg'd services;
	////		by supervisor, govt experience	const inspection & testing personnel,	QA/QC procedures, safety trained and
				soil & materials testing lab, in-hs subsur-	tested, staff affiliations w/ universities
	2010			face exploration & drilling, environ	
				consulting & engineering, reg surveyors,	& outside resources to draw upon
				lic storm water operators, haz materials	
			<u> </u>		
Ambhadallilips					

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
On-site testing facilites	Full service laboratories in Auburn	AASHTO accredited, AMRL cert testing,	Yes, all field techs fully equipped	Fully-equipped on-site geotech material	Can place trailer on site with personnel
	Hills and Plymouth in addition to	Equipmt to NIST standards & procedures	vehicles to provide complete field con-	testing laboratory; recently completed	and equipment. Lab in Troy Headquarters
	national resources	in compliance w/ ASTM, cert by corps of	crete, masonry & soils testing. Portable	on-site assessment from AASHTO	
7.5-1.4		engineers. Environ samples & chemical	lab fully equipped for soil testing and	materials reference lab (AMRL)	
		analysis may be subcontracted.	concrete strength tests	accreditation program	
Staff Profiles	El-Gamal-23 yrs, PhD, PE, struct,geo	Gemayal PE 22 yrs, Prin Consult,Pt Contact	McDowell PE- civil engineering	Manuel, PE-prog mgr,pt of contact 17 yrs	Ramos PE-VP Eng/Const Serv 27 yrs
	Rynbrandt PE 10 yrs, civil eng	Asst proj Mgrs:	Kalisz PE - geotech & environ, civil, const	Marsik, PE, LEED AP, proj mgr 14 yrs	Chyla-Mgr Const Serv Sr Proj Mgr 37 yrs
	Cekic PE 13 yrs civil, environmental	Thomas-PE-Sr Proj Eng 15 yrs	Biasutto-Dir of Const Serv-const eng	Taylor PE, proj mgr const mat test 15 yrs	Louchart-Sr Eng Tech, Const Mat Test 5 yrs
	Wieczorek 20 yrs, Sr eng Tech, AH	Johnson PE-Sr Proj Eng 16 yrs	Kaniarz, MS, PE - Sr geotech eng	Meehle CWI 25 yrs	McGuckin-Lab & Field Supervisor 9 yrs
	Gjoglevski Sr Eng Tech 10 yrs AH	Schmeisl PE- Proj Eng 6 yrs	Cenefels-const site inspector	Foye PhD, PE - geotech eng	Beach-Sr Eng Tech-Const Serv 15 yrs
***************************************	Tinka Sr Eng Tech AH 6 yrs	Technical consultants:	Hall-concrete tech, lab tech, concrete	Loveall, PE -civil 15 yrs	Patel-Eng Tech Const Serv 5 yrs
	Rahman Sr Eng Tech, Sr Lab Tech 26 yrs	Ostrowski PE Sr Proj Eng 33 yrs w/	const inspector	Cody-Lead geotech drilling foreman 20yrs	Suhan-VP, Geotech & Environ Serv 24 yrs
	Green CWI Stell Inspector, Plym 20 yrs	MDOT/7 yrs w/SME	Kalisz-concrete tech, asphalt tech,	Mauer-field eng tech - 9 yrs	Christensen-PhD,PE, Sr Geotech Eng 30 yrs
MAN 27/4/27/4/27/4/27/4/27/4/27/4/27/4/27/4	Hestwood PE Sr Proj Eng Plym 17 yrs	Lindow PE, VP-40 yrs - structural	concrete const inspector, chemical	Nowak - field eng tech 11 yrs	Putt PE Sr Proj Eng/Geotech 30 yrs
	Arsenault Chief Driller Plym 13 yrs	Lanier-PE, Proj Eng-environmental 13 yrs	specialist	Carter - field eng tech 14 yrs	Mickle-Sr driller/geotech serv 30 yrs
	Sperka Geo Lab Mgr Plym 9 yrs	Lunter 12, 110j Eng Chivi, Olinication 20 715	3,700,000	Patel, MSCE, EIT lab supervisor 3 yrs	Skinner-Environ Scientist/environ
	Sperio de las mg. Hym 5 yrs			Tata, mod, an no operation o year	assmt dept - 6 yrs
			A 88 ARAMA (***)		double dept of 10
		A A A A A A A A A A A A A A A A A A A			
	V-2-1/4/2	A 400-44 A			
WARANAMITATION AND AND AND AND AND AND AND AND AND AN			1,000		
Description of Reports	Daily Field Reports, Final Reports,	For const serv projects, draft copies	Soils investigation Report, Soil Borings	Bituminous conrete compaction report,	Geotechnical Investigation, Limitations,
	Summary of field observations, report of	provided on daily basis; final copies	Log, Partial Sieve Analysis, Field	report of field concrete tests, report of	Procedures and Standards-Field
	foundation inspection, caisson field	transmitted electronically approx 1 wk	Engineers Daily Report, Daily Concrete	field compaction tests, bituminous con-	Exploration & Laboratory Testing,
	report, soil compaction report, report	following site visit. Daily reports will	Inspection Report, Daily Soils Report,	crete placement, soil density report,	General Notes on Soil Description,
	of hot mix asphalt field compaction,	be dependent upon type of work		concrete placement observation, daily	Test Boring Location Plan, Logs of Test
	proofroll report, reinforcing steel	performed.		field report, footing inspection report,	Borings, Laboratory Results, Field Investi-
	Inspection, report of field inspection of		A.4.4/A.4.4	report of concrete compression tests,	gation, Laboratory Testing, Generalized
	concrete, concrete compressive			report of grout compression tests, report	Subsurface Conditions, Existing Subsur-
	strength report, asphalt extraction			of mortar proportions tests, sieve	face Information, Engineering Analysis
	report, geotech engineering report			analysis report, extraction data-asphalt,	& Recommendations, Construction
				proctor test report	Considerations
Timeline for reports	Final reports emailed with 24 hrs of	CMS: generally wkly basis (final reports)	Geotech reports completed within 1 wk	7 calendar days for const mat test reports	Daily preliminary reports on site, Final
·	inspection utilizing PSIQEST	Geotech: Within 2 wks of completion of	after final drilling w/ verbal info the day	certain lab tests 1 to 2 days; Geotech	reports on 3rd bus day after test is
		field operations; verbal recommendation	the soil borings are completed. Const	reports 20-30 days from notice to proceed	performed. Lic Prof Eng will review the
		3-5 days; Environ: 1 to 3 weeks	inspect reported next bus day-emailed	depending on scope of work	report & provide recommendations email
		2			

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
Methods of Communications	Droi Mar amail and phone 24 has a day	Phone, mtgs, email, fax, punchlists,	Field eng-co. phones; engineers phone	Email, voice, reports, on-line file	Attendance at mtgs, proj mgrs, techs
wethous of Communications	Proj Mgr email, cell phone 24 hrs a day,		or email. If problem engineers go to site	sharing and in terms of frequency;	carry cell phones & phone list is
	PSIQEST system, site visits,	conf calls, documentation of mtgs,		best methods of communication to be	generated for client
	client satisfaction surveys	Outlook, Microsoft Project, FTP site to	immediately to recommend a solution	discussed w/City	generated for client
		share drawings & info		discussed w/City	
Geotechnical & materials testing	Response with 24 hrs of notice, unless	Prefers 24 hr notice, but will provide. For	Respond in 2 to 3 hrs of notification;	24 hr response; CTI can quickly mobilize	TEC will easily respond to City's request
services within 24 hrs of notification	mobilization or utility clearance regd.	geotech req 3 days for drilling	drilling operation can perform next day	an air-ex unit to expose utilities	within 24 hours of notification
				prior to drilling (soft-dig).	
Errors and Omissions Policy	Policy on errors or omissions in plans &	Practice to wk with owner; comitted to	ISO guidelines for errors; if plans or specs	Minimize possible errors/omissions,	Process of implementing checks &
	specifications	product quality; Prof Liability Insurance	incorrect inform client immediately and	quickly & accurately address any error or	auditing procedures to secure confidence
-			contact architect or design engineer	omission, maintainprof liab insurance,	in data at highest level of quality possible
				QA/QC; CTI response to correct issue	QA Pian/Insurance Policy
ontract	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	Can prepare invoices in detail or	Invoice every 2 weeks.	Monthly invoices, when requested	Monthly invoicing; net 30 days
	chrg of 3 hrs per day, veh chrg & equipmt	summary at any point in the project		progresss report	]
	chrg, test report prep chrg. Monthly			****	
	billing; net 30 days				
122		Info anti Desided	lufa washin Bun idad	Information Drawided	Information Provided
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	Adm overhead is included in hourly
				requested engineering technician	rates
				service	
Exceptions/Alternates	No			None	None

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
Years in Business	82 years	23 years	14 years	28 years
Years providing geotech eng services	82 years	23 years	14 years	28 years
Years providing const material testing	82 years	23 years	14 years	28 years
Current Clients	Over 200 different clients	24 communities in Oak Cty + others	50 clients	30 clients
Client References	Monroe County Rd Comm, Ajax Paving	RCOC, DWSD, Oakland County Drain	Ann Arbor, Washtenaw County Road	Rochester, Birmingham, Farmington
	Industries, City of Monroe, Village of	Commissioner, Wade Trim Associates &	Commission, Royal Oak, Chelsea,	Hills, Romulus, Orion Twp, RCOC,
	Monroe County Rd Comm, Ajax Paving	MDOT, Washtenaw County Rd Comm,	Saline, Farmington Hills, University of	Southfield, Auburn Hills, Bloomfield Twp,
	Lenawee County Rd Comm, Heritage	Macomb County Public Works, US Army	Michigan, MDOT/Peter A. Basile & Sons	Oak Park, Ypsilanti, Ypsilanti Community
	Contracting (Gr Lakes Nat Cemetery),	Corps of Engineers, Hampton Engineer-		Utilities Authority, OHM, HRC, J&A,
	JE Johnson Dev Co, Beckett & Raeder,	ing Associates, Inc & Rd Comm of		Anderson Eckstein & Westerick, Ford,
	Inc.	Macomb County, URS Corporation &		GM, Honda, General Tire
		MDOT, MDOT-Jackson, MI, Troy, Oakland		
		Twp, Holly Twp, Bl Hills, W Bloomfd Twp,		
		Oxford Twp, FH, Clarkston, Novi,		
		Southfield, Royal Oak		
Full Time Employees	89 full time	54 full time	15 full time	12 full time
Part Time Employees	5 part time	1 part time	5 part time	4 part time
Total Geotechnical Engineers	9 geotechnical engineers	10 geotechnical engineers	3 geotechnical engineers	4 geotechnical engineers
Total Geotechnical Technicians	30 geotechnical technicians	3 geotechnical technicians	6 geotechnical technicians	10 geotechnical technicians
The state of the s				
	Autowali			
//				

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
Resources	Complete geotechnical investigations	Successful geotechnical engineering &	Full service geotechnical & materials	Experience working w/ City of Rochester
	from drilling (4 geotechnical drill rigs),	construction materials testing project,	testing and inspection firm. Field &	Hills brings history, knowledge & exper-
	to laboratory testing to final report	geotech site explorations, soil borings	laboratory testing for soils, asphalt,	tise, staff of qualified prof geotechnical
	delivery. Staff of mat test technicians	drilling & sampling, analy bearing soils,	concrete, steel and more.	engs & geologists; experience w/ MDOT
	are capable of providing quality control	field & shop inspection of structural		local agency project & test applications;
	on all construction materials along w/	steel, test & monitor foundations, piles,		prequalified for geotech w/ MDOT, tech
	necessary laboratory testing. Techni-	test pre-cast, pre-stress, post tension		staff certifications; QC/QA, fully equipped
	cians are certified in their line of work	members, inspect lead-based paint,		geotech & Materials Eng Lab, proximity
	and are continually trained and	safety plans, instrumentation for dis-		to RH, Focus on municipal clients
	monitored.	tressed areas, haz waste, civil, struct,		
The state of the s		arch, hydraulic & geotech design for		
		water and wastewater, expert witness,		
		const ph eng services, const monitoring		
		services		
On-site testing facilites	Plymouth & Toledo offices fully	AMRL accredited laboratory. Full	Resources to set up an on-site laboratory	Full service geotech & construction
	functional testing laboratories capable	service CCRL accredited facility for field	portable equipmt to perform compressive	materials testing laboratory in Oakland
	of performing any testing requirements	& lab testing	and flexible strength testing on concrete,	County; own equipmt for testing;
	in-house		sieves & proctors on soils, marshalls on	engineering software
			asphalt & various geotech related tests	
		10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -		

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	Shah PE-Proj Prin-pt of contact 37 yrs	Kruzel, Pres, Proj mgr, sr proj eng, 22 yrs	Berry-Proj Mgr- 20 years with RH,
	Roupe PE, VP, Geotech Mgr 18 years	Anderson PE-QA/QC 32 years	Souto PE proj mgr, proj eng in geotech	geotech eng projects
	Mielcarek-drilling mgr 15 years	Benhamida PhD, PE Proj Mgr 23 years	and pvmt eng 34 years	Schleede, PE - Prin Eng -35 years
	lott-geotech eng PE	Zaremski PE Proj Mgr 10 years	Surhigh PE 14 yrs proj mgr, proj eng,	West, PE- Proj Mgr, Const Service
	Brister-driller 20 years	Patel PE-Funding & Reg Compliance 29yrs	eng tech	projects - 13 years
	White-driller 10 years	Mathari PE Proj Mgr 30 yeas	Faitel- driller 35 years	Hurwitz, CET-Sr Eng Tech, NICET Cert
	Conrad-lab technician	Mein PE -environ mgr - 24 years	Salsbery sr tech, drilling asst 12 years	Giorgi, MS - Geotech Field Eng.
	Shovely PE, Proj Mgr 38 years	Parsipour PE - 23 years civil engineering	Campbell - sr tech 22 years	
	Weaver, Sr Field Tech certified 20 years	Aromogam PE structural eng 23 years	Gronowski sr tech, lab tech 7 yrs	
	Fraker, Sr Field Tech certified 30 years		Tilton-lab tech, sr tech 15 years	
	Weeman Sr Field Tech certified 20 years		Steward-outside staff, sr steel tech	
7 Table 1 Tabl	Gradner-Field Tech certified 8 years		30+ years	
	Barnes-Field Tech certified 6 years			
	Downer-Lab Tech certified 8 years			
Description of Reports	Mat Test Reports prepared to present	Geotechnical Engineering and	Testing & inspection data reported on	Example Field Reports: Field Inspection &
	results of ea test, survey or investigation	Csontractural Material Testing reports	ISC forms & contain all info req'd by	Mat Test Daily Report, Bearing Capacity
	performed. ID proj name & #, ID tests	are prepared according to client's	AASHTO, ASTM & MDOT standards &	Verif, DCP Test Data Report, Proof Roll
	performed, date tested & present re-	needs and specificaltons. Reports	any info requested by client. Could be	Observation Report, Compaction Test
	sults as compared to specified results.	include deliverables completed, test	reported on MDOT forms. All techs	Report, Concrete Inspect & Field Test
	Purpose of investigation, scope of work	results, unresolved issues and	write reports using laptop computers	Report, Marshall Prop Worksheet, As-
	performed and results. Engineering	recommendations. Regularly scheduled	while working on job site. Reports can	phalt Extraction Test Report, Compaction
	recommendations and conclusions	progress mtgs ensure timely submittal	be emailed (Microsoft Word and	Test Graph, Concrete Compressive
	are clearly identified	and validity of reports. Process outlined.	Excel format)	Strength Test Report, Aggregate
				Analysis
Timeline for reports	Ensure prompt service to RH. Standard	All test results to City within 7 days	Typically mailed on weekly basis; could	Turnaround time for daily reports is
runding to reports	turn-around times to deliver written	after completion of testing, unless	be mailed or emailed daily; download	about one week; Quick turnaround time
	reports for various tasks are: construction	directed	from ISC website using "client link"	if requested (ie, within one hr on site
	material testing reports-5 days and	unccteu	HOW ISO MEDSITE ASILE CHELLCHIK	testing)
				restruigi
	geotechnical reports - 14 days			

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
Methods of Communications	Project Manager assigned	Partnership w/ client; project principal;	Project Team approach; cell phones &	Day to day communication mostly phone;
		project mgmt, wk plan approach &	laptop computers for immediate	personal visits, mobile phones, Nextel,
		organization, availability & resources,	response	proj site comm-test results & observation,
		quality assurance practices, scheduling		data & report transmittal, comm with
				administrative staff
Geotechnical & materials testing	Yes, staff based from Plymouth office	Project schedule for each assignment;	Available to respond 24/7. Can be on	Less than 24 hrs notification
services within 24 hrs of notification		workloads adjusted to meet needs of	site within hours	
		City		
Fundamental Consists of Parlime	Farage / Omigaione will be brought to	Effective QA/QC; Professional	If errors or omission discovered during	Certified staff/technicians, QC/QA,
Errors and Omissions Policy	Errors/Omissions will be brought to		construction, ISC wk w/ clients &	personnel trainings & prof engineering
	attention of client; no changes to proj	Liability/Errors & Omissions; pre-qual		review; system of oversight & review
	specs w/o approval	consultant for MDOT & Ohio DOT;	contractors to determine intent of spec	review; system of oversight & review
1001111A/000000000000000000000000000000		Certifications; safety standards and	and use common sense to resolve	
		quality standards		
Contract	Contract must reference proposal	Contract provided	Contract attached	Per previous contract
Billing procedures	Monthly invoices	Weekly reports; monthly review;	Monthly progress billing	No report prep charges or admin
		agreed upon in contract; typical net		overhead charges; fixed rate for lab tests;
		30 days		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	190% overhead on labor on time and	Adm overhead incorporated within	Does not charge admin overhead for
	hourly rate charges	material billing	fees for eng inspection & testing	report prep & distribution, inv prep or
				other admin tasks, including in personnel

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

	Testing Engineers & Consultants Inc CTI & Associates, Inc.												ell & Ass			Profe	ssional S	Service Ir	ndustries	s, Inc.	Sc	il & Ma	terials E	ngineer	s, Inc.
	Jan Personalah Kontak	2011	ndiani risinsi 80	99 N/2001 0 H 100	nated the S	2010	2011	2012	2013	2014	nick Control	2011	-		2014	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014
	LVIV	****					and the last office of						A100											]	
Laboratory Testing Services															-3-1-2-3-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1					<u> </u>	Epokhet nikin		Nanci (neroesi (i	200000000000000000000000000000000000000	Askets and Laketski
Aggregate Classification (visual					***																				
review)	\$175	\$175	\$175	\$175	\$175							i naga agoga kareaa.	cecess of economic	1974944445144				<u> </u>				T T	1	1	
Washed Graduations,										+00	+40	440	+40	±40	\$40	55.00	55.00	56.10	56.10	57 22	85.00				
1/2" Max or Larger	\$50	\$50	\$50	\$50	\$50	\$65	\$70	\$70	\$75	\$80	\$40	\$40	\$40	\$40	<del>\$4</del> 0	33.00	33.00	30.10	30.10	37.22	05.00		<del> </del>	1	
Washed Graduations,	+50	450	+50	4F0	¢ = 0	<del>ለ</del> ረኮ	\$70	\$70	\$75	\$80	\$40	\$40	\$40	\$40	\$40	55.00	55.00	56.10	56.10	57.22	85.00				
3/4" Max or Larger Particle Size Distribution ASTM	\$50	\$50	\$50	\$50	\$50	\$65	\$70	<u> </u>	3/3	<b>300</b>	) p10	<u>рто</u>	<u> </u>	φ10 	4 TO	33.00	23.33.33				\$16 <u>0</u> 185				
D422													500000												
Abrasion (LA Machine)	\$100	\$100	\$100	\$100	\$100	\$280	\$280	\$290	\$290	\$300	\$325	\$325	\$325	\$325	\$325	200.00	200.00	204.00	204.00	208.08	300				
Sulfate Soundness,	1																			1.5000				-	
per cycle	\$30	\$30	\$30	\$30	\$30	\$200	\$200	\$200	\$210	\$210	\$45	\$45	\$45	\$45	\$45	150.00	150.00	153.00	153.00	156.06	170				
Mix Design Verification																									
Mix Design Verification,	\$150	\$150	\$150	\$150	\$150	\$350	\$350	\$350	\$360	\$360	\$75	\$75	\$75	\$75	\$75	120.00	120.00	122.40	122.40	124.84	140		<u> </u>		
per agg.	\$100	\$130	4130	9150	7150	Ψ330	9000	7550		7000	7														
Deleterious Substances - visual																									
pick	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$53	\$53	\$40	\$40	\$40	\$40	\$40	40.00	40.00	40.80	40.80	41.63	35.00	)	dela esta esta del controlició	6886668 (1886) (1886)	
Crushed Content																			<u> </u>						
Moisture Density Tests:					<u> </u>										<u> </u>					1			1		
Modified Proctor	\$100	\$100	\$100	\$100	\$100	\$130	\$135	\$140	\$145	\$150	\$207	\$207	\$207	\$207	\$207	110.00	110.00	112.20	112.20	114.44	1 140	<del>}</del>		<del> </del>	
Standard Proctor, including		1400	+400		1	4420	4125	4140	#+ 4F	4150	#107	\$182	\$182	\$182	6197	110.00	110 00	112.20	112.20	114 44	1 130	,			
gradation, fineness, etc	\$100	\$100	\$100	\$100	\$100	\$130	\$135	\$140	\$145	\$150	\$182	1 \$102	1 2105	\$102	1 2105	110.00	110,00	/ 112.20	112.40	7 11,,,	1 43				
extra to include gradation, etc																									
Moisture Content						15 15 15 S								107 (S. 1114)										5 8 8 8	
Organic Content (L.O.I.)			50 10 10 10 10 10 10 10 10 10 10 10 10 10			8888								35 (51 (6)					<u> </u>						
Permeability Tests (Constant																5. 5.					200000	geograpiske reger Statutenske space			
Head)																			<del>                                     </del>						
Permeability Tests (Falling																5 26 71.									
Head)	J																<u> </u>								
	1000 57 68 9					5 3 5																48 180 AS			
	. 1000000000000000000000000000000000000															`` ``.			1						
																			İ						
					8.456-95-42											* *									
				5.6059																					
	<b>.</b> 5 3 3							8 56 6 B										1			1000000				
																	ł	-							
						. 19 (20 (1) (1)										Š.									
	1																		***						
																÷.			-						

	Testing	Engine	ers & Co	onsultan	ts Inc		CTI &	Associate	es, Inc.		,		eli & Ass			Profes	sional S	ervice Ir	ndustries	, Inc.	·····So	l & Mat	erials E	ngineers	s, Inc.
	<b>2010</b> Testino	<b>2011</b> Engine		<b>2013</b> onsultan		2010		<b>2012</b> Associate		2014			<b>2012</b> ell & Ass					<b>2012</b> ervice Ir						<b>2013</b> ngineers	
		svereinné en é	1174241161076-80	400000000000000000000000000000000000000	eja aereja oeroja je	2010	33-72-73-34-54	. Salar de Salar de G	Galanesista varia	2014		:000,000,000	Jaiot para estad		end devices	2010			2013	2014	***********	garaga de la		2013	restante per la colo
Portland Cement Concrete:											<u> </u>														
Concrete Compression Tests, Each	\$10	\$10	\$10	\$10	\$10	\$11	\$12	\$12	\$13	\$14	\$14	\$14	\$14	\$14	\$14	10.00	10.00	10.20	10.12	10.41	14.00				
Flexural Tests on Concrete Beams	\$12	\$12	\$12	\$12	\$12	\$50	\$52	\$54	\$56	\$58	\$24	\$24	\$24	\$24	\$24	20.00	20.00	20.40	20.40	20.81	35.00				
Concrete Mix Design Preparation  Asphalt Material per	\$175	\$175	\$17 <u>5</u>	\$175	\$175	\$500	\$510	\$520	\$525	\$525	\$450	\$450	\$450	\$450	\$450	300.00	300.00	306.00	306.00	312.12	340				
sample: Molding Marshall Pill from Hot Mix																									
Extraction Tests	\$100																			130.05	140				
Marshall Properties	\$150	\$150	\$150	\$150	\$150	\$80	\$80	\$85	\$85	\$85	\$400	\$400	\$400	\$ <del>4</del> 00	\$400	125.00	125.00	127.50	5030.05	130.05	120				
Theoretical Maximum Specific	\$150	\$150	\$150	\$150	\$150	\$125	\$125	\$130	\$132	\$132	\$200	\$200	\$200	\$200	\$200	100.00	100.00	102.00	102.00	104.44	55.00				
Asphalt Recovery by Abson Method	\$125	\$125	\$125	\$125	\$125	\$225	\$225	\$230	\$235	\$235	\$395	\$395	\$395	\$395	\$395	300'00	300.00	306.00	306.00	312.12					
Penetration Test														100 100 100							50.00				
Equipment Charges						And the second	8							*									2		
Nuclear Moisture/Density Gauge, per day	\$5	\$5	\$5	\$5	\$5	\$25	\$30	\$35	\$40	\$45	\$40	\$40	\$40	\$40	\$40	25.00	25.00	25.50	25.50	26.01	20.00				
Field Marshall Test Equipment, per day	NC	NC	NC	NC	NC	\$ 10	\$ 12	\$ 15	\$ 17	\$ 19						NC	NC	NC	NC	NC	20.00				
MDOT Michigan Cone Density Test Equip, per day	NC	NC	NC	NC	NC	\$ 10	\$ 12	\$ 15	\$ 17	\$ 19						NCNC	NC	NC.	NC	NC	20.00				
Electric Generator				Z: 35 35 5																	87 B				
Core Machine																<del>, , , , , , , , , , , , , , , , , , , </del>	***************************************								
Dynamic Cone Penetrometer  Reimbursable Expenses		<u> </u>																							
Overnight Mail Charges	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	\$ 25	\$ 25	\$ 28	\$ 30	\$ 32						NC	NC								
Transportation Charges / mile	.45/mile	.45/mile	.45/mile	.45/mile	.45/mile	\$ 45	\$ 48	\$ 50	\$ 52	\$ 54															

Testing Engineers & Consultants Inc.    Testing Engineers & Consultants Inc.   CTI & Associates   Inc.   McDowell & Associates   Professional Service Industries, Inc.   Soil & Materials Engineers, Inc.   Soil & Materials Engin		Testing	g Engine	eers & (	Consulta	nts Inc		CTI &	Associa	tes, Inc.			McDow	ell & As	sociates	š	Profe	ssional !	Service I	ndustrie	s, Inc.	Soi	l & Mat	erials E	ngineers	, Inc.
Subcontract Fees (Fee +% as indicated)  Trips to Project Sites / Sample Collection & Pick-up (each)  Administrative Overhead  Hourly Rates  Administrative  Administrative  Associate  CAD of Field Specialist  Consultant  Engineering Technician  \$ 39 \$ 39 \$ 39 \$ 39 \$ 39 \$ 39 \$ 39 \$ 3		Testing Engineers & Consultants Inc					2010				2014	2010										<b>2010</b> Soi				
Indicated)  Trips to Project Sites / Sample Collection & Pick-up (each)  Administrative Overhead	40000 A Brack Harden A and March Harden A Brack A Brac	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
Indicated)  Trips to Project Sites / Sample Collection & Pick-up (each)  Administrative Overhead  Hourly Rates  Administrative  Administrative  Construction Admin Coordinator  Consultant  Engineering Technician \$ 39 \$ 39 \$ 39 \$ 39 \$ 39 \$ 39 \$ 39 \$ 3						(4.5. H)																				4241057105651000
Collection & Pick-up (each)  Administrative Overhead  Administrative Ov	•																				Processor Anno					
Hourly Rates  Administrative								2											***							
Administrative	Administrative Overhead																None									
Administrative		sissasii saisaika kii	725286018650			<u> </u>										1131100111011110111						\$250 GS=1				
Associate  CAD of Field Specialist  Construction Admin Coordinator  Consultant  Engineering Technician  System Sys	Hourly Rates													April 1999 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1												
Construction Admin Coordinator \$ 39 \$ 39 \$ 39 \$ 39 \$ 39 \$ 39 \$ 39 \$ 3	Administrative						\$ 40	\$ 40	\$ 42	\$ 42	\$ 45											9.05.05.				
Construction Admin Coordinator         Consultant	Associate											weeks some														
Consultant         \$ 39 \$ 39 \$ 39 \$ 39 \$ 39 \$ 39 \$ 39 \$ 36 \$ 36	CAD of Field Specialist														<u> </u>					<u> </u>	<u>L.,,,,,,</u>					
Engineering Technician \$ 39   \$ 39   \$ 39   \$ 39   \$ 39   \$ 39   \$ 39   \$ 36   \$ 36   \$ 38   \$ 42   65.00   66.30   66.30   66.30   67.62	Construction Admin Coordinator																									
	Consultant			ederoleri izildi. Soʻloggan salari	produktora sider Kajibariban		<u> </u>					J														
Environmental Specialist	Engineering Technician	\$ 39	\$ 39	\$ 39	\$ 39	\$ 39	\$ 36	\$ 36	\$ 38	\$ 38	\$ 42						65.00	65.00	66.30	66.30	67.62	4				
	Environmental Specialist													804000					1		1			ļukstini.		
												1						****								

	Testing	Engin	eers &	Cons	ultan	ts Inc		CTI &	Associa	es, Inc.		JPOSA	McDow	<del></del>		š · · · · · · · · · · · · · · · · · · ·	Profe	ssional S	ervice I	ndustrie	s, Inc.	So	il & Ma	terials E	ngineer	s, Inc.
	<b>2010</b> Testing						2010		2012 Associa	<b>2013</b> es, Inc.	2014		<b>2011</b> McDow				<b>2010</b> Profe	<b>2011</b> ssional S							<b>2013</b> ngineer	<b>2014</b> s, Inc.
	2010	***********	e# editedefici	144 2000	:: :: : : : : : : : : : : : : : : : :	at discussion ele-	2010	and between	la primary primary	2013	2014	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014
Field Engineer	\$ 75	\$ 75	\$ 7	5 \$	75	\$ 75	\$ 66	\$ 66	\$ 68	\$ 68	\$ 73			<u> </u>			65.00	65.00	66.30	66.30	67.62	65.00	66.63	68,29	70.00	71.74
Log Processor																						8 3 (E)				
Manager/Lab Services																	2000 90 08									
Principal	\$ 110	\$ 110	\$ 11	0 \$	110	\$ 110	120	120	122	122	125	\$150	\$150	\$150	\$150	\$150	115.00	115.00	117.30	117.30	119.65	125	128	131	135	138
Principal I							320000000000000000000000000000000000000	5.000 GB 1005					100													
Principal II																							<u> </u>			
Professional Engineer										A 40 60 6													<u> </u>			
Project Engineer	\$ 85									\$ 100											<del></del>			94.56		99.34
Project Manager	\$ 85	\$ 85	\$ 8	5 \$	85	\$ 85	\$ 88	\$ 88	\$ 90	\$ 90	\$ 95	\$ 80	\$ 80	\$ 80	\$ 80	\$ 80	105.00	105.00	107.10	107.10	109.2	1 110	113	116	118	121
Senior Consultant																							<u> </u>			
Senior Project Engineer							(S) (22 (0.57)													and E			46 (B) (B)			T. 60 (tr. T.)
Senior Project Manager																	1									
Senior Staff Engineer		<u> </u>	<u> </u>																	-56				<u> </u>		
Senior Technician									<u>. L</u>		<u> </u>								<u> </u>							
Staff Engineer I												\$ 70	\$ 70	\$ 70	\$ 70	\$ 70	l								<u> </u>	
Staff Engineer II																						4 6 50 65			4.655.55	
Support Personnel																			<u> </u>							
Technical Project Staff																										
Technician I	\$ 28							\$ 36	\$ 38	\$ 38				<u> </u>			30.00							42.03		
Technician II	\$ 32					\$ 32	43	assection free parties.	11	5 45	, 49	48.75		48.75	48.75		38.00	38.00		Commence of the second second second	Carrier Contract Cont		46.13	47.28	48.46	49.67
Technician III	\$ 35	\$ 35	\$ 3	5 \$	35	\$ 35	56		5 5	3 58	3 62	48.75	48.75	48.75	48.75	48.75	60.00	60.00	61.20	61.20	62.4	2				
Technician IV																	A CONTRACTOR CONTRACTO									
Lab Tech/CAD Tech	\$ 45	\$ 45	\$ 4	5 \$	45	\$ 45	- 66					4					_					55.00	56.38	57.78	59.23	60.71
Sr Projet Geologist							115	11!	5 11	117	7 120	)														
Environmental Scientist	\$ 85	\$ 85	\$ 8	5 \$	85	\$ 85																				
Additional Services	5.89.60.03																000000000000000000000000000000000000000									
Roofing/Waterproof Eng/cons	\$ 95	\$ 95	\$ 9	5 \$	95	\$ 95																				
Structural Engineer	\$ 90	<del></del>	\$ 9			\$ 90											1									
Civil Engineer	\$ 85	<del> </del>	\$ \$ 8			\$ 85	<del></del>																			
	φ 03	1 P 03	, 1 <del>1</del> C		- CO	<b>р 03</b>	40000000000000	s Saleetiesiiko		) 3/454/00/00/00	<b>3</b> 311330 1550 V3300			1	<u> </u>	<u></u>	8435 00 00									
Communication Fee	1 15 00 00 00 00 00 00 00 00 00 00 00 00 00											-	<u> </u>				-									
																	0.000									
O variables																										
Overtime								detrest Rest	ASSESSA NA PASSA NA SA	nacewastrice des	Seromen volch Japan	81	<del></del>	1	1											
Othor												1														
Other								· · · · · · · · · · · · · · · · · · ·		T		de fector tenente	Normalis institut	l Hadisələri	100000000	1	-									
Mileage								<u> </u>	1		<u>.l</u>						1									
Expenses																	1									
							<u></u>		770	<u> </u>							1									
								-				7					1									

	Testin	g Engin	eers & C	onsultar	nts Inc		CTI &	Associate	es, Inc.			McDow	ell & Ass	ociates		Profe	ssional S	ervice I	ndustries	, Inc.	Soil & Mate	rials Engineer	s, Inc.
Testing Eng			<b>2012</b>	2013		2010 Associat		2012	2013		<b>2010</b> ell & As						<b>2011</b> ndustrie				<b>2010 2011</b> rials Engineers,		2014
	100000000000000000000000000000000000000	Billion disclosion.	2012	2013	and the second	state division i		2012	2013	2014		straticky takens	2012	a Bustinesia	-3451-110.003	the beautiful and the	45:445:00:4444	naule Radioperate R	a waxeenaa waxa	Managa Salah Salah	2010 2011	estingual feat Ariation and Sa	2014
Subcontracted Services							1																
Administrative Overhead						.25/hr	See	Below	W1						J 2000	None							
	2 hr mini	imum	-			Min chrg	for tech i	s 4 hrs/da	y		No char	ge for trr	avel time			Rates	Portal to	Portal			Tech I fees apply	for sample pic	k-up
	hrly rates	s include	all direct	&		Cancel fe	ee of 2 hr	s plus tran	s & other	-	No fee f	or secy 8	k eng rep	ort		3 hrs	applied	to field	testing		Adm & Tech I fe	es apply for sar	mple pick-u
	indirect	costs	1		1	reimbu	rsables				review	:				If	cancelled	3 hr	chrg		field staff rates		
	OT applie	ed to tec	hnician at	: 1.333 ti	mes	Indirect	proj mgm	t chrg'd ai	0.5 hrs		No chrg	for phor	e consult	S		Min	billing	ncremer	1/2 hr		Equpmt field sta	ff rates	
	hrly rat	for hrs i	n excess	of 8 M-F		per day	of req'd	tech servi	ce		Bill 1/2	day at \$1	.98-inspe	ctions							Field staff incls re	ports	
	& Sat 8	k 1.67 tin	nes hrs fo	r Sun &	Hol	Indirect	Adm Asst	time chrg	'd at .25		Bill full o	lay- 8 hr	s inspecti	ons							Trans Fee \$25/da	ily assessed	
						Overtime	e chrg is 1	.4 times r	eg rate		Wk cand	celled bill	ed at 2 h	rs at \$75	5						Travel time=daily	trans fee plus	hrly
						Chargeal	bletime is	portal-to-	portal &												Tech I rate of \$6	5 for sample pi	ck up
				1	<u> </u>	timeon-	-site		ļ.												Lab rates reviewe	d yrly-increase	up to
												,									2.5% per fiscal	year	
																					Subcontractor ex	oenses 1.10 mi	ultiplier
																					Reimbursable exp	enses for supp	olies,
					<u> </u>																mail, permits, p	arking, mobiliza	ation,trans
Ĺ																							

		TILA	ssociates	, Inc.		Son	nat Engi	neering	Incorp	orated	IS	C-Ins	ection	Servic	es	Schl	eede-H	amptor	1 Assoc						
	2010	2011	2012	2013	2014	2010	2011	2012		2014	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014
aboratory Testing Services								·	11.5														<b>A</b>		
Aggregate Classification (visual review)																						T	ı		<del></del>
Washed Graduations, 1/2" Max or Larger	\$66.00	\$67.00	\$67.25	\$68.50	\$69.75	88.58	91.24	93.97	96.79	99.70						79.80	82.19	84.66	87.20	89.82	21/2 inch	smalier			
Washed Graduations, 3/4" Max or Larger	\$66.00	\$67.00	\$67.25	\$68.50	\$69.75	88.58	91.24	93.97	96.79	99.70				i		99.75	102.74	105.82	109.00	112.27	7				
Particle Size Distribution ASTM D422			_								.1.63000007777					99.75	102.74	105.82	109.00	112.27	7	T	I		
Abrasion (LA Machine) Sulfate Soundness,	\$186	\$188	\$190	\$193	\$195	154.50	159.14	163.91	168.83	173.89			///				342.46								
per cycle	\$199	\$201	\$203	\$205	\$207	412.00	424.36	437.09	450.20	463.71		<u> </u>				199.50	205.49	211.65	218.00	224.5	4	<u> </u>			<u> </u>
Mix Design Verification, per agg.	\$225	\$226.50	\$227.25	\$228.75	\$230.00	463,50	477.41	491.73	506.73	521.67						166.25	171.24	176.37	181.67	7 187.12	2				
Deleterious Substances visual pick	\$30	\$30.75	\$31.50	\$32.75	\$34.00	51.50	53.05	54.64	56.28	57.96	<b>,</b>	description of				79.80	82.19	84.66	87.20	89.82	2			21522005500050	And Andrews
Crushed Content							·						ļ			300000000000000000000000000000000000000									
Moisture Density Tests:	\$10			<u></u>												165 35	171.24	176.37	181.67	7 187.1	2				
Modified Proctor Standard Proctor, including gradation,	\$186															166.25	157.54								
fineness, etc extra to include gradation, etc	\$225.00	\$226.50	\$227.25	\$228./5	\$230.00	149.35	) 153.83	158.45	163.20	168.05	\$120					152.93	137.3	102.20	<u> </u>	J 172.11	21		<u> </u>		1
Moisture Content Organic Content (L.O.I.)												EAST TO SECURITY OF THE PARTY O													
Permeability Tests (Constant Head) Permeability Tests											A Barbarband A Barbarban														
(Falling Head)																							<u></u>		

		TTL AS	sociates	, Inc.		Som	at Engi	neering	Incorp	orated	ISC-Ins	pection	Servic	es	Schl	eede-H	amptor	Assoc,	Inc.					
	2010	2011	2012	2013	2014	2010		2012		2014	2010 2011	2012	2013	2014	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014
Portland Cement																			l		1			
Concrete:															ļ									í
Concrete Compression																								
Tests, Each	\$12	\$13	\$14	\$15	\$16	11.59	11.94	12.29	12.66	13.04					19.95	20.55	21.16	21.80	22.45					<u> </u>
Flexural Tests on							***************************************				***************************************	Ī												ĺ
Concrete Beams	\$24.00	\$24.50	\$25.00	\$25.75	\$26.50	25.75	26.52	27.32	28.14	28.98					42.56	43.84	45.15	46.51	47.90					
Concrete Mix Design																								l .
Preparation	\$750	\$760	\$770	\$785	\$800	463.50	477.41	491.73	506.48	521.67					398.99	410.96	423.29	435.99	449.07	<u> </u>	<u> </u>			<u> </u>
Asphalt Material per																		ļ						Í
sample:														ļ	21100 NACO 800 GES		AA 000 00 00 00 00 00 00 00 00 00 00 00		A Sia Billion engage in	4		. Adairemanesa	Garriere (1969)	designed social sign
Molding Marshall Pill												7												
from Hot Mix															156.05	1	T 436 33	T 404 65	107.10					
Extraction Tests	\$122	\$128	\$132	\$134	\$136	222.48	229.15	236.03	243.11	250.40					166.25	<del> </del>	176.37		187.12		<u> </u>			<b></b>
Marshall Properties	\$137	\$139	\$141	\$143	\$145	257.50	265.23	273.18	281.38	289.82					166.25	171.24	176.37	181.67	187.12		<u> </u>			<u> </u>
Theoretical Maximum																								
Specific	\$24	\$24	\$28	\$30	\$33	83.43	85.93	88.51	91.17	93.90				-	86.45	89.04	91.71	94.47	97.30	1				
Asphalt Recovery by								222.00	207.65	0.477.70					14270	124.00	427.40	450.53	464.04					
Abson Method	\$40	\$42	\$43	\$45	\$49	309.00	318.27	327.82	337.65	347.78					412.29	<del></del>				<del></del>	Mariana da Antonio	i paramenta a salah	a kude dikul	
Penetration Test						Santanana						1		,,,	\$59.85	\$61.65	\$63.49	\$65.40	\$67.36	VPA (BESS)	se energerne.		20, 12, 12,03	etterasjonere I
<b>Equipment Charges</b>								,																
Nuclear												İ												
Moisture/Density								}																
Gauge, per day	\$30	\$30	\$34	\$36	\$40	67.98	70.02	72.12	74.28	76.51														
Field Marshall Test																								
Equipment, per day	\$10	\$10	\$10	\$10	\$10	56.65	58.35	60.10	61.90	63.76						<u> </u>			<u> </u>					
MDOT Michigan Cone																		1						
Density Test Equip, per						25.75		27.22	20.44	20.00														
day	\$10	\$10	\$10	\$10	\$10	25.75	26.52	27.32	28.14	28.98				<u> </u>	<u> </u>	ļ		ļ	<b>_</b>	Parkitan apkan				
Electric Generator																								
Core Machine															<u> </u>					_				
Dynamic Cone																			1					
Penetrometer																ļ		<u> </u>						2654464666
Reimbursable -																		nhadata.		İ				
Expenses						<u> </u>								<u> </u>		<u> </u>		1		1				<u> </u>
Overnight Mail Charges	\$10.00	\$11.00	\$12.00	\$13.00	\$14.00	51.50	53.05	54.64	56.28	57.96														<u> </u>
Transportation Charges	400.00	400.00	400.00	122.00	240.00			1																
/ mile	\$28.00	\$30.00	\$33.00	\$36.00	\$40.00	4.12	4.24	4.38	4.50	4,64	ļļ				ļ	<u> </u>	ļ	ļ	<u> </u>		1			<b></b>
													-								<u> </u>			<u> </u>

		TTL A	ssociates	, Inc.		Son	nat Eng	ineering	Incorp	orated	IS	SC-Insp	ection	Servic	es	Schl	eede-H	ampto	n Assoc,	Inc.					
	2010	2011	2012	2013	2014	2010		2012		2014	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014
								; ; ;												<u> </u>		1			
				<u> </u>	<u> </u>		<u> </u>					<u> </u>					ļ				<b>1</b>				
Subcontract Fees (Fee																Š.									
+% as indicated)			10.00 (S. go s					99-49-60-69		1861 A. 1868 1868											3				
Trips to Project Sites /																	2.000 PE 500 PE	1							
Sample Collection &																									
Pick-up (each)																		60 150 000 888 •			800000000				
Administrative						20000000 (000000)	000 000 000 000 000 000 000																		
	e charges																								
	XIII WAR					1 2 2 2										\$42.17	\$43.44	\$44.74	\$46.08	\$47.46	3 Organic	Content			
																78.32	80.67	83.09	85.58	88.15	terberg	Limits	etermin	ation	
								gi. 83 (8) (2)							10.00		4.5								
							1							1		1						<u> </u>	<u> </u>		
		Overh	ead is 190	0% on lai	oor on T8	M billing										<u> j</u>									
							l I				1					-		·		<u> </u>	-		<u> </u>		
				·		-		, .									-						<u> </u>		
Bernander of the State of the S							l l							<u> </u>		1									ļ
															<del></del>										
				7	1												***************************************					<u> </u>		//,	
		<del></del>		}	<u> </u>		ļ		·	<u> </u>		<u> </u>	Ì			<u> </u>			-		1	1			
	A3************************************												<u> </u>					1				1			
								+														†···	<u> </u>		
Hourly Rates																									
Administrative											989.8788	60.20													
Associate																									
CAD of Field Specialist											170	120	120	120	120										
Construction Admin							<b>I</b>	l	<u> </u>	<u> </u>	120	120	120	120	120	1		<u> </u>	1						
Coordinator											\$ 25	\$ 25	\$ 25	\$ 25	\$ 25										
Consultant																									
Engineering Technician	39.00	39.50	41.00	41.50	43.00	71.01	73.20	75.40	77.60	79 99	\$ 70	\$ 70	\$ 70	\$ 70	\$ 70										
Environmental	37.00	٠٠,٠٠	1 11.00	11.50	1 .5.00	71.01	1 / 3.20	1 / 3.10	1 //.00	1 .33	1 7 / 7	<del>                                     </del>	1 / / /	1 ,0	1 ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			T		T The second second second second second second second second second second second second second second second					
Specialist											8														

		TTLA	ssociates	s, Inc.		Son	at Engi	ineering	Incorp	orated	IS	SC-Insp	ection	Servic	es	Schl	eede-H	amptor	ASSOC,	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 201
Field Engineer	45.00	45.00	46.25	47.25	48.00	76.22	78.51	80.86	83.29	85.79					varies assum	79.80	82.19	84.66	87,20	89.82				
Log Processor	15.00   35.000	.3.00	10.25	17.23	10.00	70.22	70.51	00.00	03.23	03.79						79.00	02.13	64.00	67.20	03.02				
209 11000000								Ī				<u> </u>	<u> </u>		<u> </u>									
Manager/Lab Services								İ																
Principal	\$ 97	\$ 98	\$ 99	\$ 100	\$ 102	177.17	182.47	187.95	193.59	199.40											<b>†</b>			
Principal I																								
Principal II											\$ 80	\$ 80	\$ 80	\$ 80	\$ 80	1					<b> </b>			
Professional Engineer											\$ 100	\$ 100				166.25	171.24	176.38	181.67	187.12				
Project Engineer	\$ 79	80.50	82.00	83.00	84.50											113.04		119.93	<del></del>		1			
Project Manager	73.00	73.25	75.00	76.00	77.25	121.54	125.19	128.94	132.81	136.79						133.00		141.10						
Senior Consultant																								
Senior Project Engineer																								
Senior Project Manager											\$ 35	\$ 35	\$ 35	\$ 35	\$ 35									
Senior Staff Engineer											7	1	1	7	1									
Senior Technician					10.000000000000000000000000000000000000			1							ericus à reisea									
Staff Engineer I																					parent agreement	Zentelia da relación helas	and the supplemental states	2000-0-2000-0-0-0-0-0-0-0-0-0-0-0-0-0-0
Staff Engineer II																					Green Harri		Arrigo distribigo	
Support Personnel													T T					1, 121, 21, 21, 21, 21			1		30 65 650 66 65 651	
Technical Project Staff																								
Technician I	39.00	39.50	41.00	41.50	43.00	48.41	49.86	51.36	52.90	54.49						39.00	40.17	41.38	42.62	43.89		T		
Technician II	39.00	39.50	41.00	41.50	43.00	41.20	42.44	43.71	45.02	46.37			1	1		47.88		1			<u> </u>			
Technician III	39.00	39.50	41.00	41.50	43.00	36.05	37.13	38.25	39.39	40.57		ļ —		1		55.86			<del></del>	ļ	· • · · · · · · · · · · · · · · · · · ·			
Technician IV												1									status (TV)			
Additional Services								1	<u> </u>		Inspecto	or:	<u> </u>							•				
Communication Fee						52.58556.8					45	45	45	45	45									
Overtime												-0.000												
Other										0.000								1 (1 1 E 1 C 1 1 C 1 C 1 C 1 C 1 C 1 C 1 C						
Mileage								T																
Expenses							<u> </u>		<u> </u>					e egypty e ny fee efyedist		1								
							,									1								
											1			<del> </del>	<u> </u>	1								
				480 - 480 - 68			<u> </u>			<u> </u>						1	A 61 10 5							
												<u> </u>		<u> </u>										
										]	1		-			1								

		TTLA	ssociate	s, Inc.		Sor	nat Eng	ineering	Incorp	orated	I	SC-Insp	ection	· Servic	es	Schl	eede-H	ampto	n Assoc	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 20
Subcontracted Services							1	Į.		1	OT at 1	.5 X strai	lght at 8	hrs										
Administrative Overhead											DT on S	Sun & hol	idays											
	Field Eng,	Eng Tech,	Tech - 4	nour							4 hr mi	n applies	to inspe	ctors & te	echs	4 hr chro	applies	to eng	techs &	field eng	3			
	minimum d	harge app	olies		ļ						All prici	ng in tact	for con	tract dura	tíon	OT rates	1.4 x	base ove	8 hrs, Sa	Sun, ho	ļ			
											Added t	fees for e	quipmt,	travel, su	pport	Tech rate	incl all	concrete	field test	equipm	t			
											personr	nel & lab i	testings			costs &	report	prep &	listributio	chrgs.				
		***************************************									\$.65/m	ile projec	t related	l travel		Eng time	chrg'd	only for	direct	involmt				
											Nuclear	density	gauges s	\$40/day		53.20	54.80	56,44	58.13	59.88	Daily To	rans		
													·	t \$25/day		33.26	34.26	35.29	36.34	37.43	Nuclea	Moisture	e Dens	Gauge
												tracts: Co				129.76	133.65	137.66	141.79	146.05	Trip to	Proj Site	for samp	les
											*Other	Geotech	Lab & E	quipmt Fe	ees	33.26	34.26	35.29	36.34	37.43	Field	Marshal	l Test Eq	uipmt
											<del></del>		_,	t with RH		26.60	27.40	28.22	29.07	29.94	MDOT	Cone Der	nsity Test	Equpmt
										-	- <del></del>			; proj mg			1.00							
								İ					<u>-</u>	ew billed		at cost	at cost	at cost	at cost	at cost	Overnic	ht mail o	harges	
			-					.,.,.,.,.		1		· · · · · · · · · · · · · · · · · · ·		chrg for l		***************************************						Ī		
		<del></del>									techs	1		7 - 7 7		<u> </u>			1					