



RFP FOR ENGINEERING DESIGN SERVICES FO WATER STORAGE RESERVOIRS  
PROPOSALS TABULATION

NAME	Stantec Consulting Michigan, Inc.	Johnson & Anderson	Wade Trim Associates, Inc.	Tetra Tech, Inc.
ADDRESS	Ann Arbor, MI	Waterford, MI	Taylor, MI	Detroit, MI
Resources	Experience and resumes of staff and similar projects. Team supported by engineers, technicians, drafters, surveyors and clerical personnel.	Civil Eng, water dist, wastewater, flood plain modeling, transp non-motor, road design, sanitary, storm, contr sys, struct analy, plan reviews, survey, map, cont admin, plan dev water, san, storm,	Five primary practice areas, expertise to local govt; Municipal is core service area; water resource expertise is nationally recognized, Rank 197 in Eng News Records; Public Works Top 50 AEC firms.	No.8 top 500 design firms Eng News-Record April 2009; 10,000 employees in 300 offices worldwide, full service organization, wide range of engineering, planning, design & construction services
Comparable Projects	Pittsfield Twp-grd stor reservoir, mast plan Northville water system improvements Novi-water distribution plan Marshall-water system study & updates Marquette Twp-water system imprvmts Grosse Pte Pk-feas study for wat supply Nationwide: reservoirs in Las Vegas, Henry County GA, Marana AR, Black Mtn reservoir and Milford, NH Salem Twp-elevated tank, booster station	Waterford Twp-Wat Treatmt plant DWRF W. Bloomfield-DWRF-design water mains/prv's Muskegon Twp-Water distribution syst study, grd stor tank & booster station White Lake Twp-well house & elevated storage tank Pt Huron Twp-Booster Stat & elevated storage tank	VanBuren Twp-water master plan and elevated storage tank, feasibility study DWRF and ARRA Harrison Twp-water master plan & comm study feasibility study East China/China-water filtration plant DWRF Milford-Water system improvements- water storage "pipe" & booster station	Novi-Pumping Stat; 20 mill gal reservoir Livingston Cty-water stor tank, 2 grd, 2 elv pump stat, water distribution model Brighton-tank & pump station Green Oak Twp-elevated storage tank Hartland-elevated storage tank Jackson-booster station-30% exposed Oak Park-reservoir,pump stat, low demand fills, flow stabilization Petoskey-ground storage tanks
Firm's experience	100's of similar services to several hundred clients. Currently serving Ann Arbor, Howell, Cadillac, Grosse Pte PK, Marshall, Marquetts, Pittsfield, Salem and Northville.	Recent eng design, bid inspection and const admin 1 mill gal grd stor tank, pump stat, controls SCADA for Muskegon Twp; elevated tanks & pump stations for Wht Lake & Port Huron Familiar w/ OC Water Resources Comm Office & MDEQ Revolving Loan Fund	Water system reliabiity studies, feasibil-ity studies, master plans, hydraulic analy distribution netwk analysis, CIP, water pressure studies, elev & grd storage design, pump station design & renova-tion, water main extensions & rehab, SCADA, instrumentation, operations serv	Experience w/ specification, design and construction of water storage reservoirs; recent project experience includes 800,000 gal storage facility in Petoskey and 10,000,000 gal reservoir in Novi for DWSD. Both are pre-case, pre-stressed concrete storage tanks

RFP FOR ENGINEERING DESIGN SERVICES FO WATER STORAGE RESERVOIRS  
PROPOSALS TABULATION

NAME	Stantec Consulting Michigan, Inc.	Johnson & Anderson	Wade Trim Associates, Inc.	Tetra Tech, Inc.
ADDRESS	Ann Arbor, MI	Waterford, MI	Taylor, MI	Detroit, MI
Full scope of in-house services	Water Distribution Systems, Water Pumping Stations, Civil, Survey, Structural, Architectural, Water Treatmt, Wastewater Collection, Wastewater Treatment, Mechanical, Electrical, Controls & SCADA, Renewable Energy, Sustainability, Hydrogeological, Dams	Computer modeling using WaterCAD, SewerCAD, HEC-RAS & HEC-HMS, survey serv, water distribution & wastewater collection, storm design & planning, grant & permit acquisition, const review & const admin, water resources eng serv, water & wastewater treatment design services, pathway, road & bridge design services	Municipal agency consulting, surface water mgmt, wastewater treatmt and collection, water supply & distribution, const eng, environmental studies & permits, fac plan & eng, land surveying, land use plan, recreation, GIS, trans planning & design, traffic eng, operations services	Full service organization; wide range of in-house services in areas of water, wastewater, CSO, system modeling, geographical information system, field data gathering, flow monitoring, I/I investigations, surveying and public education and involvement
Projects currently in progress	Hamburg Twp-wastewater treatmt imprv Bowling Grn-Water Plant improvements Ann Arbor-Water treatment plant imprv Midland-Wastewater Treatment Plant Repairs YCUA-Pump Station improvements	Wht Lake-muni eng; Waterford-muni eng; W Bloomfd-muni eng; Pt Huron-muni eng, Carleton-muni eng; Monroe-muni eng; Oakland University-civil eng; Oakland University Fac & Operations-civil, OCDC-feasibility study; Muskegon muni eng; Laketon Twp-muni eng; Dalton Twp-muni eng	795 projects in progress; Local Detroit & Taylor have 265 projects in progress. Projects focus on water related services: Ann Arbor water main, Brownstown water main, Canton-water dist, Dearborn Hts watermain, E China-watermain, Harrison Twp-gen water & watermains; Milford-water syst imprv, Taylor water main & Van Buren DWRF project	Currently over 400 active project in progress in Michigan and surrounding states. Projects range for \$1,000 site plan reviews to a \$10,000,000 CSO design and construction oversight projects
Outside firms	Geotechnical services-CTI	Soils Testing-Schleede-Hampton Assoc Dmytryka Jacobs Eng-SCADA design	Somat Engineering-geotechnical	Full service firm-frequently do not use outside firms; Long established contracts if special services are required

RFP FOR ENGINEERING DESIGN SERVICES FO WATER STORAGE RESERVOIRS  
PROPOSALS TABULATION

NAME	Stantec Consulting Michigan, Inc.	Johnson & Anderson	Wade Trim Associates, Inc.	Tetra Tech, Inc.	
ADDRESS	Ann Arbor, MI	Waterford, MI	Taylor, MI	Detroit, MI	
Communication	Involve client, meet regularly with client staff, available for discussions, Routine comm via telephone, email, and fax, met minutes, ltrs, reports and drawings.	Nextell, phone, email, overnight mail, in person as much as possible.	Professional & proficient in all aspects of project, meetings, define roles & responsibilities, mtgs throughout project, readily available by cell phone, office phone and email	Informal verbal face-to-face mtgs & verbal; Formal verbal-presentations; informal written-memos (email, letters and progress reports); formal written-letters and reports	
Errors or omissions	Quality control/Quality assurance plan. Sr Mgr not involved in project will review project at various stages to inhibit possibilities of errors and omissions	QA/QC over all products before delivered to client; in hs review & checking; prof liability insurance	Professional liability insurance	QA/QC designed to minimize errors or omissions. In event of error or omission expend necessary eng effort to correct without cost to owner; professional liability insurance	
Employees	8558 full time 1095 part time	30 full time 8 part time	338 full time 3 part time; 13 on-call employees	7128 full time employees 3054 part time employees	
Litigation	Information provided	Information provided	Information provided	Information provided	
Billing Procedures	Monthly, total costs incurred by task order, including accruals. Net 30 days	30-day period; net 30 days payment	Monthly invoice; Net 30 days payment from date of receipt	Monthly invoice and progress report	
Yearly Adjustments					
	2010	0	No annual adjustment; Prices are firm	0.02	0.03
	2011	0.025	throughout course of project	0.02	0.03
	2012	0.03		0.02	0.03
	2013	0.03		0.02	0.03
Insurance Requirements	Yes	Yes	Yes w/ exceptions	Exceptions for indemnification,	

RFP FOR ENGINEERING DESIGN SERVICES FO WATER STORAGE RESERVOIRS  
PROPOSALS TABULATION

NAME	Stantec Consulting Michigan, Inc.			Johnson & Anderson		Wade Trim Associates, Inc.			Tetra Tech, Inc.		
ADDRESS	Ann Arbor, MI			Waterford, MI		Taylor, MI			Detroit, MI		
Exceptions/Alternatives	Conclude a mutually satisfactory contract								termination and ownership of documents		
	*Assumptions (p 60)					*Corresponding Notes to cost proposal p. 39			*Indicates cost includes reimbursables		
Cost Proposal:											
Phase I-Prel Design (Feasibility Study)						Phase I reimbursables included					
Review studies, constraints, etc.	30 hrs	\$2850		80 hrs	\$6600	10 hrs	\$1600		20 hrs	\$2663	
Mtgs staff, Fed, State, Agencies	60 hrs	\$6700	Reimb \$1,000	132 hrs	\$12200	15 hrs	\$2050		48 hrs	\$7001	Reimb \$500
Eval/review systems, survey, environ	60 hrs	\$5700		846 hrs	\$77,000 incl soils/wetlands	10 hrs	\$ 950		64 hrs	\$9509	
Extended analysis City Water Model	30 hrs	\$2750		60 hrs	\$5400	50 hrs	\$5350		52 hrs	\$6101	
Design Alternatives	120 hrs	\$11400	Reimb \$300	130 hrs	\$11000	15 hrs	\$2465		38 hrs	\$4806	
Eval reports and recommendations	40 hrs	\$3800		130 hrs	\$11000	10 hrs	\$ 950		94 hrs	\$10020	Reimb \$500
Preliminary plan and timeline	4 hrs	\$ 380		458 hrs	\$35200	15 hrs	\$1725		38 hrs	\$4903	
Prel cost ests const, rates, maint costs	10 hrs	\$ 900		280 hrs	\$22000	15 hrs	\$1425		38 hrs	\$4903	
Present results to committee	16 hrs	\$1520	Reimb \$100	16 hrs	\$2000	5 hrs	\$ 775		20 hrs	\$3304	Reimb \$100
<b>Totals Phase I</b>	<b>370 hrs</b>	<b>\$36,000</b>	<b>Reimb \$1400</b>	<b>2132 hrs</b>	<b>\$182,400</b>	<b>145 hrs</b>	<b>\$17,290</b>		<b>412 hrs</b>	<b>\$53210</b>	<b>Reimb \$1100</b>
									Reduced to \$49,950, including Reimbursables		
Phase II											
Final Design	3970 hrs	\$395,000	Reimb \$2500	594 hrs	\$50000	4515 hrs	\$453,900	Reimb \$25,000	1326 hrs	\$235,192	Reimb \$1950
Bidding	88 hrs	\$ 8,000	Reimb \$1000	48	\$ 3700	40 hrs	\$ 5,300	Reimb \$1500	114 hrs	\$ 13,696	Reimb \$200
Construction Engineering Services	5350 hrs	\$515,000	Reimb \$10,500	2700	\$220000 incl SCADA,mat ts	Hourly Inspection			1600 hrs	\$149,097	Reimb \$3950
				200 hrs	\$ 20000 DWRP Proj Plan						
<b>Total Phase II</b>	<b>9408 hrs</b>	<b>\$918,000</b>	<b>Reimb \$14,000</b>	<b>3542 hrs</b>	<b>\$293,700</b>	<b>4555 hrs</b>	<b>\$459,200</b>	<b>Reimb \$26,500</b>	<b>3040 hrs</b>	<b>\$397,985</b>	<b>Reimb \$6,100</b>
<b>Totals Phase I and Phase II</b>	<b>9778 hrs</b>	<b>\$954,000</b>	<b>Reimb \$15,400</b>	<b>5674</b>	<b>\$476,100</b>	<b>4700 hrs</b>	<b>\$476,490</b>	<b>Reimb \$26,500</b>	<b>3392 hrs</b>	<b>\$451,195</b>	<b>Reimb \$7,200</b>

RFP FOR ENGINEERING DESIGN SERVICES FOR WATER STORAGE RESERVOIRS  
PROPOSALS TABULATION

NAME	Anderson, Eckstein & Westrick, Inc.	Fishbeck, Thompson, Carr & Huber, Inc.	Arcadis	URS
ADDRESS	Shelby Twp, MI	Grand Rapids, MI	Detroit, MI	Southfield, MI
Years in Business	40 years	53 years	109 years	53 years
Firm Background	Municipal engineer began firm (Anderson), expanded with Eckstein & Westrick, added surveying dept & arch dept; integrated single responsibility approach	Started w/ eng in Lansing, expanded to preserve nat environ; loyal clients; Grand Rapids, Kalamazoo, FH & Cincinnati; govt and private sector	Over 100 years, 120 offices and 3200 personnel operating in US & more than 13,500 employees worldwide; Detroit headquartered eng firm + Novi, Brighton	Began as Broadview Research, today three divisions: URS, EG&G, Washington; headquartered in San Francisco, 34 countries, 50,000 employees
Staff responsible for RH project	Winn-Sr proj eng-PE-22 yrs muni, water Rose-PE 30 yrs muni, water systems Rabine-PE-35 yrs water planning, infrastructure, pump station design Kern-PE-watermain, MDEQ, MDOT Leideker- team leader, 30 yrs Frayner-grad. Eng-environmental, utility rehab, water Lee-flow metering specialist, 20 yrs Zael-PE, structural engineering Neiman-AIA-architectural, 30 yrs. Money-PS, surveyor Fontana-construction observation, lead staff, 30 yrs Experience w/ State Revolving Fund & DWRF project plans, water modeling, flow monitoring, infrastuture, operator of record for municipalities	McNamara-PE, Prin, Sr VP, Proc Eng Head Qadeer-Sr civil eng, 20 yrs Willemin-PE, Sr Assoc, Sr Proc Eng, 15 yrs Gavin-PE Assoc Sr Proc Eng, 30 yrs Brown-PE, Assoc, Sr Civil Eng Bear-PE, assoc, Sr Eng, 12 yrs water dist Edwards-PE, Proc Eng, 9 yrs water dist Szczegielniak-EIT, staff eng- 3 yrs McDonald-Sr Eng - 19 yrs, controls, instr Brown, M-Electrical Eng Winowski-Sr. Eng-mechanical O'Connor-Sr. Mechanical eng, Sr Assoc VP	Nitz-PE Proj Mgr 14 yrs DWDS Plummer-PE, Proj eng, hydraulic modeling (RH computer modeling) Covell-PE Project Director Trived-PE-QA/QC-30 years-SCADA Kolodzaik PE-QA/QC Structural Goerlich, PS - survey lead Hamida-Geotech at Somat Eng. Oberle PE electrical eng Walker-AIA-architectural lead Hoffman, PE-QA/QC - water Armstrong-PE, Electrical Eng Lotycz-PE, structural design Lohmann-PE, mechanical/hvac Aschemeier, PE, site/civil engineer Rifai-Ph.D, PE, Process Mech Engineer Taylor-Chief Estimator	Hauser-PE Proj Dir, VP & Dir of Water/Wastewater oper in MI; former Arcadis Simons-PE Sr Proj Mgr 20 yrs - water Henson-PE, QA/QC Mgr 37 yrs water ind Woodward-PE Task Mgr, Sr Proj Eng 30yrs Fisher-PE-Const mgr, const eng, 10 yrs public infrastructure const projects Krinks-EIT-water resources eng Slocum-Ecological services Bacon-PE civil engineering Walker-PE- Sr electrical eng Ball-Sr Cost Consultant Mehram-EIT-civil eng Delia-PE - Proj Eng Shoak-PE-Sr hydraulic eng Libbe-PE- Sr mechanical eng Brinjikji-PE Sr structural eng Hornbeck AIA Proj architect Wrona-ASLA-landscape architect

RFP FOR ENGINEERING DESIGN SERVICES FOR WATER STORAGE RESERVOIRS  
PROPOSALS TABULATION

NAME	Anderson, Eckstein & Westrick, Inc.	Fishbeck, Thompson, Carr & Huber, Inc.	Arcadis	URS
ADDRESS	Shelby Twp, MI	Grand Rapids, MI	Detroit, MI	Southfield, MI
Resources	Extensive knowledge of DWSD rate structure, assist similar communities w/ rate reductions; improvements to water storage facilities, local knowledge on financial assistance w/ State Revolving & Drinking Water Revolving Funds	Capacity and resources to complete work; Qadeer & Willemin to share proj mgmt w/ 20 & 15 yrs exp; Farmington Hills office; responsiveness is key to successfully performing projects; long standing relationships w/ competent sub-contractors	Full-service eng design firm with significant local capabilities; water distribution study for RH, similar water storage and booster pump station projs: 3 lg booster stats for DWSD in Washington Twp, Aub Hills and Grand Blanc; 2006 project in Monroe nearly identical to RH	Employees selected for this project are uniquely qualified to complete the tasks associated with their assigned role. List of recent and relevant projects demonstrate experience and capabilities
Comparable Projects	Grosse Pointe Woods-water reservoir & pump station Shelby Twp- booster station Stoney Creek pressure reducing valve Chesterfield Twp-pressure reducing valve (2005 & 2007) Chesterfield Twp-meter pit/prv St. Clair Shores-reservoir upgrades 2009 Warren-prv vaults - 2008 Eastpointe-water reservoir rehab study-determined cost vs benefits; project on hold while conducting joint use study More than 25 muni clients w/ similar serv	Lowell-water sys reliab study, stor tank Grand Ledge-booster pump station 2007 Midland Cty-pump station Wyoming-storage tank 1989 Gr Rapids-pump station expansion 2000 Saginaw Chippewa Ind Tribe-water supply Battle Crk-stor tank, add grd level stor tank, life-cycle cost analysis 1993 Storage Tanks: Coldwater, St Joseph, Lake Twp, Niles, Holland, Ionia, Homer, Owosso, Ira Twp, Genoa Twp, Fremont, Big Rapids, Delta Twp, Lansing Twp, Plainwell; water distribution systems	Detroit DWSD - N Oakland Transmission System-design pump stats in Auburn Hills and Washington Twp Kirtland Pump Stat Rehab-Cleveland,OH Flint Transmission System-Grand Blanc Pump Station - DWSD Fulton County,OH -water system improvements, pump stat, elev tank Lucas County,OH-NW pump stat & reservoir for water pressure; SW pump stat modifications-grd level reservoir Monroe County-pump stat mods and pump stat expansion & improvements	Flint Loop-Design of transmission main Novi-master plan & water main (2005) Monroe waste water treatmt improvemt State Revolving Fund Gr Rapids-water reservoir imprmts Cleveland-water wks reservoir-undergrd Montgomery Cty-pump stat, main exts Columbus-booser stat/SCADA Fairborn, OH-pre-stressed concrete tank Locus, OH-booster pump station Lima, OH-water system master plan
Firm's experience	Water stor reservoir exp includes feas. studies, cost analysis, DWSD cost savings analysis, tank sizing & design of assoc. water systems; design booster pump stats, prvs, metering facilities, telemetry systems	Successfully completed over 30 water storage facilities	Extensive experience in design of water storage reservoirs and booster pump stations. Monroe County nearly identical in size and scope to proposed RH facilities	URS has recent experience w/ all aspects of the project.

RFP FOR ENGINEERING DESIGN SERVICES FOR WATER STORAGE RESERVOIRS  
PROPOSALS TABULATION

NAME	Anderson, Eckstein & Westrick, Inc.	Fishbeck, Thompson, Carr & Huber, Inc.	Arcadis	URS
ADDRESS	Shelby Twp, MI	Grand Rapids, MI	Detroit, MI	Southfield, MI
Full scope of in-house services	Eng Design: water system analysis, feas studies, prel eng, const plans, spec, & cost estimates; structural eng, surveying services; SCADA controls; architectural; construction services; electrical engineering	Full service, multi-disciplined engineering consultant. Civil Engineering, environmental, arcitctural/engineering, construction. Locations in Grand Rapids, Lansing, Kalamazoo, Farmington Hills and Cincinnati, Ohio	Infrastrucure: water resources, transportation, land resources, program/construction management (PM/CM); Environmental: planning and permitting, site evaluation, risk and associated services, remediation, business solutions Buildings: operating facilities management, building design, management consulting	Water resrouces, wastewater, sustain-ability consult; mast plan & fac eval, arch plan & design, eng plan & design, site analysis, planning & landscape design, equipment coordination, interior design & graphics, cost estimating & scheduling, const admin, program mgmt, pipeline, civil eng, process & chemical eng, geotechnical eng, environmental, survey
Projects currently in progress	Current projects for Warren, Livonia, Dearborn, Shelby, St Clair Shores, Rsvl, Chesterfield, Eastpointe, Inkster, Birmingham, Mt Clemens, Grosse Pte Woods, Fraser, Harper Woods, Clawson, Marysville, Grosse Pte Farms, Centerline, Bruce Twp, St Clair, Grosse Pte, Elba Twp, Ray Twp, Richmond Twp, Bingham Farms, Pleasant Ridge, Mac Cty Public Work, etc.	Staff of over 350 persons currently has 600 projects in progress. Projects range in size from small studies to very large design and construction projects. The construction value is estimated at \$300 million	Arcadis-Michigan current projects: DWSD as needed engineering; DWSD fire alarm system at WWTP, DWSD EB1, EB2 and EB10 improvements; DWSD return activated sludge improvements; Dundee as needed engineering; DWSD NEWTP filters improvements; Clintondale pump station improvements; BASF & Canadian Pacific RR Water Imps	Hundreds of projects underway of varying types & sizes and in different stages from planning to construction. Confident staff of over 340 in Mich are available to meet any schedule needs of RH
Outside firms	SME-geotechnical & material testing; Motor City Electric, Engineered Fluids, Natgun, Chicago Bridge & Iron		Somat Engineering for geotechnical investigations	Geotechnical: PSI, Somat, CTI, NTH



RFP FOR ENGINEERING DESIGN SERVICES FOR WATER STORAGE RESERVOIRS  
PROPOSALS TABULATION

NAME	Anderson, Eckstein & Westrick, Inc.	Fishbeck, Thompson, Carr & Huber, Inc.	Arcadis	URS	
ADDRESS	Shelby Twp, MI	Grand Rapids, MI	Detroit, MI	Southfield, MI	
Communication	Mtgs, telephone, emerg contact numbers electronic method for proj status updates access portal on website, posts bid tabs	Outstanding communications; work closely w/City; high speed T-1 computer lines, desktop phones, cell phones, pagers, videoconferencing; can perform multi-site work through logistical coordination of personnel and equipment.	Project communications plan based on input & preferences of RH; Arcadis Proj Mgr will serve as single-point of contact for duration of project	Face-to-face mtgs, phone conversations, conference calls, email, reports and presentations, letters, memos & trans- mittals, website; 24/7 phone access to key personnel	
Errors or omissions	Professional liability insurance	Rare situations; typically provide necessary corrective engineering services at little or no cost	Will accept responsibility for negligent acts up to liability coverage	No charge for change orders arising out of URS oversights, errors & omissions	
Employees	75 full time employees 34 part time employees	349 full time employees 22 part time employees	National 3200 staff; Michigan 110 local employees/0 part time employees	340 full time in Michigan/ 56 part time 51,095 corporate wide	
Litigation	Information provided	Information provided	Information provided	Information provided	
Billing Procedures	4-wk billing cycle; payment due net 28 days;	Every 4 weeks; payment due upon receipt	Monthly invoices	Monthly invoices	
Yearly Adjustments					
	2010	0.02	0.025	0.03	0
	2011	0.02	0.025	0.04	0.02
	2012	0.02	0.025	0.04	0.03
	2013	0.02	0.025	0.04	0.03
Insurance Requirements	Yes	Yes	Yes	Yes	

RFP FOR ENGINEERING DESIGN SERVICES FOR WATER STORAGE RESERVOIRS  
PROPOSALS TABULATION

NAME	Anderson, Eckstein & Westrick, Inc.		Fishbeck, Thompson, Carr & Huber, Inc.			Arcadis			URS		
ADDRESS	Shelby Twp, MI		Grand Rapids, MI			Detroit, MI			Southfield, MI		
Exceptions/Alternatives	Exceptions to Indemification language		Company terms and conditions includes limitation of liability and termination charges, doc ownership			No exceptions/alternatives to specs			Document ownership, performance, payment terms, indemnification		
Cost Proposal:											
Phase I-Prel Design (Feasibility Study)		*Expenses for Geotechnical Report									
Review studies, constraints, etc.	10 hrs	\$1,000	40 hrs	\$3,500	Reimb \$ 200	18 hrs	\$3,284	Reimb \$500	98 hrs	\$9,980	Reimb \$100
Mtgs staff, Fed, State, Agencies	16 hrs	\$2,000	40 hrs	\$5,600	Reimb \$1200	50 hrs	\$5,800		50 hrs	\$6,540	Reimb \$100
Eval/review systems, survey, environ	80 hrs	\$8,500	60 hrs	\$6,100	Reimb \$300	58 hrs	\$10,767	Reimb \$1000	910 hrs	\$90,210	Reimb \$10,600
Extended analysis City Water Model	16 hrs	\$1,800	130 hrs	\$13,300	Reimb \$800	42 hrs	\$4,501		56 hrs	\$8,660	Reimb \$100
Design Alternatives	8 hrs	\$1,000	160 hrs	\$16,600	Reimb \$300	4 hrs	\$ 534		52 hrs	\$6,180	Reimb \$100
Eval reports and recommendations	20 hrs	\$2,200	160 hrs	\$31,000	*Reimb \$15,000	66 hrs	\$8,462		50 hrs	\$4,740	Reimb \$100
Preliminary plan and timeline	20 hrs	\$1,900	70 hrs	\$7,400	Reimb \$900	72 hrs	\$7,273				
Prel cost ests const, rates, maint costs	20 hrs	\$2,000	50 hrs	\$5,100	Reimb \$100	12 hrs	\$1,369		648 hrs	\$68,740	Reimb \$700
Present results to committee	12 hrs	\$1,000	10 hrs	\$1,100	Reimb \$200	36 hrs	\$4,895		18 hrs	\$2,210	Reimb \$50
<b>Totals Phase I</b>	<b>292 hrs</b>	<b>\$21,400</b>	<b>720 hrs</b>	<b>\$90,000</b>	<b>Reimb \$19,000</b>	<b>358 hrs</b>	<b>\$46,885</b>	<b>Reimb \$1,500</b>	<b>1882 hrs</b>	<b>\$197,260</b>	<b>Reimb \$11,850</b>
Phase II											
Final Design	1270 hrs	\$123,200	2720 hrs	\$277,500	Reimb \$5500	1434 hrs	\$161,863	Reimb \$1,000	2998 hrs	\$302,190	Reimb \$2,500
Bidding	48 hrs	\$ 5,000	110 hrs	\$14,000	Reimb \$2700	216 hrs	\$ 26,746	Reimb \$1,000	129 hrs	\$ 12,115	Reimb \$ 200
Construction Engineering Services	1510 hrs	\$119,500	3910 hrs	\$391,000	Reimb \$19500	3860 hrs	\$340,119	Reimb \$3,000	6219 hrs	\$526,765	Reimb \$20,000
<b>Total Phase II</b>	<b>2828 hrs</b>	<b>\$247,000</b>	<b>6740 hrs</b>	<b>\$682,500</b>	<b>Reimb \$27,700</b>	<b>5510 hrs</b>	<b>\$528,728</b>	<b>Reimb \$5,000</b>	<b>9346 hrs</b>	<b>\$841,070</b>	<b>Reimb \$22,700</b>
<b>Totals Phase I and Phase II</b>	<b>3030 hrs</b>	<b>\$284,100</b>	<b>7640 hrs</b>	<b>\$772,500</b>	<b>Reimb \$46,700</b>	<b>4868 hrs</b>	<b>\$575,613</b>	<b>Reimb \$6,500</b>	<b>11,228 hrs</b>	<b>\$1,038,330</b>	<b>Reimb \$34,550</b>

RFP FOR ENGINEERING DESIGN SERVICES FOR WATER STORAGE RESERVOIRS  
PROPOSALS TABULATION

NAME	Rowe Professional Services Company	Hubbell, Roth & Clark, Inc.	Giffels-Webster Engineers, Inc.	doshi associates, Inc.
ADDRESS	Flint, MI	Pontiac, MI	Rochester Hills, MI	Troy, MI
Years in Business	47 years	94 years	57 years	18 years
Firm Background	Began in Flushing; expanded to includes specialties: surveying, aerial photography/mapping, landscape arch & planning services	Founded in Det 1915; grown to become one of State's leading consulting engineering firms w/ recognized expertise in municipal and ind eng. 50 reg profs.	Civil engineering & surveying firm specializing in serving public, private & institutional infrasture needs. Primary: eval, plan, design & const of Infrass sys.	From 4 employees to 30 engineers & architects; work with auto companies, US govt, military agencies, municipalities First minority firm rec'd Ford Q1 Award
Staff responsible for RH project	<p>Scott-PE Proj Mgr-16 yrs, water and wastewater emphasis</p> <p>Redding-PE-Prin in Chrg- Dir Eng 27 yrs</p> <p>Skyllis PE-Prof Eng, Proj Mgr/ QA/QC, DWRF, 24 yrs</p> <p>Mudge PE- Prof Eng 6 yrs</p> <p>Barlett PE- Prof Eng water modeling 7 yrs</p> <p>Bonno-PS Prof Surveyor 26 yrs</p> <p>Hu-AIA Architect- Ted Hu Associates</p> <p>Dmytryka-PE, Prof Eng 26 yrs- dje</p> <p>Jacobs PE-Prof Eng-13 yrs- dje</p>	<p>Alix-PE/PS/ Prin in Chrg 32 years</p> <p>Mitchell PE- Assoc, Proj Mgr; nego water contract for RH w/ DWSD; familiar w/ water model; pt of contact</p> <p>Shepler PE-prime eng for prel eng</p> <p>Monsere PE-sr assoc, pump fac design</p> <p>Benoit-PE Assoc-reservoir design 32 yrs water &amp; wastewater projs; pump stats</p> <p>Olane PE- Assoc - Electrical eng</p> <p>Schreiber PE-structural - 30 yrs</p> <p>Ancypa AIA - 35 yrs</p> <p>Firm has 25 yrs with RH - familiar w/ water model/SCADA experience</p>	<p>James-PE-Proj Executive -18 yrs</p> <p>Solowczok PE-Proj Coord/Sr Proj Mgr- 43 yrs civil wastewater treatment</p> <p>Vaglica PE-Site Eng/Sr Eng-water model eval, analysis &amp; site eng 11 yrs muni eng</p> <p>Asiala-PS Survey Mgr - 12 yrs</p> <p>Jerome- AIA - Architect 20 yrs-French Associates</p> <p>Lombardo PE-Mech/Elect Eng-JA</p> <p>Lombardo &amp; Assoc</p> <p>Dushyant-PE Struct Eng-Superior Eng Asoc</p> <p>Brown-Environ Eng - PSI</p> <p>Beauchamp-Rate Consultant - Utility Financial Solution</p>	<p>Doshi-PE-proj mgr - 37 yrs</p> <p>Ko-PE- civil eng- 25 yrs</p> <p>Shah- AIA Associates -architect-38 yrs</p> <p>Tandon-PE-structural eng-30 yrs</p> <p>Villarosa-PE-Sr Mech Eng - 38 yrs</p> <p>Knight-PE-Sr Elect Eng - 14 years</p> <p>Rao, N - QA Mechanical Eng 14 yrs</p> <p>Rao, M- Industrial Eng - 9 yrs</p>

RFP FOR ENGINEERING DESIGN SERVICES FOR WATER STORAGE RESERVOIRS  
PROPOSALS TABULATION

NAME	Rowe Professional Services Company	Hubbell, Roth & Clark, Inc.	Giffels-Webster Engineers, Inc.	doshi associates, Inc.
ADDRESS	Flint, MI	Pontiac, MI	Rochester Hills, MI	Troy, MI
Resources	45 minutes from RH; one of Michigan's leading professional consulting firms, employs more than 120 people in Mich & SC; provides civil eng, land surveying & aerial photography and mapping, landscape architecture, planning & land dev serv to govt & private nationwide	Multi-disciplined staff of 180 comprised of reg prof eng, surveyors, & architects, supported by experienced technical and administrative staff.	Commitment-has staff and resources necessary to dedicate to project; Team Concept; Location in Roch Hills; Timeliness-immediate schedule; Costs and Fees-high quality serv at fair price, Keep residents informed	Staff resumes assigned to the Rochester Hills project
Comparable Projects	Grand Blanc Twp-Water system master plan, booster stat & grd & elev tanks Oxford Twp-Elev Tank, peak flow, water treatmt plant, waster system mast plan Holly-Water system mast plan/elev tank Genesee County Drain Comm-long term water supply study Port Huron-Water system master plan Green Oak Twp-(Brighton) water system improvements (DWRf Financing) Caro-Water Treatment Plant Posen- Water system	Genesee Cty-booster stat & grd tank '05 Independence Twp-well-supplied water elev storage, DWRf loans Wixom-elev tanks, booster stat, DWRf RH - water and sewer extensions Ferndale-booster stat imp, existing grd storage tank SOCWA- prv vault W Bloomfield-water system imprmts Sterl Hgts-water booster & metering fac Bloomfield Twp-water master plan update & reliability study DWSD-Transition Main - 10 miles	Commerce Twp-Wastewater treatmt plt water reliability study, prel water tower study-feasibility peak/non-peak Shelby Twp-Water reliability study Lyon Twp-Well Hs & Iron removal system Lyon Twp-Blue Cross water tower, maint Creekside Village (Roch)-pump station for subdivision Ferndale - water distribution system Commerce Twp-water main and water and sewer projects Lyon Twp-pump stations	Robert Bosch Corp-cooling system, water pump system for chilled water throughout facility; undergrd well water storage & distribution Selfridge-renovation of bldgs; above grd fuel storage tanks Novi-design/bldg serv for mobile & permanent generators Detroit Public Schools-fire protection system & renovation ed campus, cold water pressure boosting system US Dept Labor-Renovation of Detroit job center Trinity Health Systems, DMC Hosps
Firm's experience	Past 5 yrs 10 projs including grd & elev stor tanks, booster stats & SCADA including Oxford, Grand Blanc, Almont, Holly, Gladwin. Also reservoir modifications and maintenance projects	HRC has provided professional engineering services for water storage and distribution systems throughout its 94-year history	In last 15 yrs, designed over 30 pump stats in Oakland Cty; prepared water reliability studies & performed prel water tower study in Commerce Twp. performed comprehensive studies of water main systems, designed new water supply systems	One Million gal undergrd stor tank for well water storage & dist at Bosch; Above grd fuel stor tanks Selfridge Chilled water pump system Bosch/Sinai Domestic cold water pressure boosting system Sinai & Rehab Inst of MI; Fire pump install Sinai & Rehab Inst of MI

RFP FOR ENGINEERING DESIGN SERVICES FOR WATER STORAGE RESERVOIRS  
PROPOSALS TABULATION

NAME	Rowe Professional Services Company	Hubbell, Roth & Clark, Inc.	Giffels-Webster Engineers, Inc.	doshi associates, Inc.
ADDRESS	Flint, MI	Pontiac, MI	Rochester Hills, MI	Troy, MI
Full scope of in-house services	Civil engineering, surveying, planning, landscape architecture, aerial photogrammetric mapping	Multi-disciplined 180 personnel comprised of registered prof engineers, surveyors, and architects, supported by experienced technical and administrative staff. Full service firm capable of providing planning, design, surveying, construction engineering and administration and materials testing services for water distribution, storage and treatment projects.	50/50 split between private/public work. Infrastructure systems inventory, analysis & design, water treatment-iron removal, pump stats, force mains, wastewater treatment plant design, pvt analysis & design, survey, wetland & water resource, landscape arch, new const, grants, sanitary sewer, utility exts, floodplain analysis, engineering advisory, const observation, bidding, plan revisions, GIS, SADs, corridor studies, inspections, alliance w/ testing firms, design public infrastructure systems incl water sanitary sewer, storm	Architecture, Civil Engineering, Structural Engineering, Mechanical Engineering, Electrical Engineering, Process-Related Services, Construction Management, Computer Services, Special Expertise
Projects currently in progress	Extensive listing provided including small and large projects encompassing a wide variety of engineering services	Ample staff with adequate resources to provide prof eng services to RH. Firm has large number of project on an annual basis with varying depth of involvement	150-250 projects going on at same time, ranging from simple site plan review to planning a major commercial development or wastewater treatment plant improvements. List of projects included	American Axle, India - Cost: 7.0 million Mass Transit Authority Flint: 3.4 million
Outside firms	DJE, HT Bernsdorf, Jones & Henry Eng, THA, Ted Hu Assoc, Goudreau Assoc, BCI, SME, Global Environmental Eng	Schleede-Hampton Associates, Inc for geotechnical services	French Associates, JA Lombardo & Assoc, Superior Eng Assoc, PSI, Utility Financial Solutions	CTI for geotechnical survey

RFP FOR ENGINEERING DESIGN SERVICES FOR WATER STORAGE RESERVOIRS  
PROPOSALS TABULATION

NAME	Rowe Professional Services Company	Hubbell, Roth & Clark, Inc.	Giffels-Webster Engineers, Inc.	doshi associates, Inc.
ADDRESS	Flint, MI	Pontiac, MI	Rochester Hills, MI	Troy, MI
Communication	Proj Mgr communicate w/ City on reg basis, phone, verbal, written back-up, email, mtg minutes, cell phones, fax & hand delivery; available 24 hrs a day via phone for questions; face-to-face mtgs	Open communication: single pt of contact, principal involvement, continuity of service, mtg attendance, status reports, cost controls, proj flyers, web site, email, voice mail, cell phones	Establish lines of communication - recommends frequent mtgs & mtg mins, agenda w/ review of project & contract goals, actions performed, budgets & accomplishments	Team oriented mgmt philosophy- understand the communication process; Proj Mgr conduit of information flow; meet to monitor progress
Errors or omissions	QA/QC procedures, independent reviewer for each project; professional liability insurance	Professional liability insurance based on the actual degree of fault	QA/QC-Jay James will monitor plan - begin at initiation of project; professional liability insurance	Quality Assurance Coordinator- 4 step plan; ensure excellence in every component - review, evaluation, interact, audit
Employees	120 full time employees 5 part time employees	176 full time employees 8 part time employees	61 full time employees 6 part time employees	30 full time employees 2 part time employees
Litigation	Information provided	Information provided	Information provided	No
Billing Procedures	Monthly invoices	Invoice monthly	Monthly invoices	Ph I - once a month billings Ph II - invoice for services performed City billed for pro-rated portion of work
Yearly Adjustments				
	2010	0.03 Average 3%, varies per economic conds	3%	0%
	2011	0.03 Average 3%, varies per economic conds	3%	0%
	2012	0.03 Average 3%, varies per economic conds	3%	2%
	2013	0.03 Average 3%, varies per economic conds	3%	4%
Insurance Requirements	Yes	Yes	Yes	Yes

RFP FOR ENGINEERING DESIGN SERVICES FOR WATER STORAGE RESERVOIRS  
PROPOSALS TABULATION

NAME	Rowe Professional Services Company			Hubbell, Roth & Clark, Inc.			Giffels-Webster Engineers, Inc.			doshi associates, Inc.		
ADDRESS	Flint, MI			Pontiac, MI			Rochester Hills, MI			Troy, MI		
Exceptions/Alternatives	N/A			Hold Harmless Modification			None			No exceptions		
Cost Proposal:												
Phase I-Prel Design (Feasibility Study)							*Assumption for Phase I & II stated					
Review studies, constraints, etc.	30 hrs	\$3,400					0 40 hrs	\$4250		16 hrs	\$ 1408	
Mtgs staff, Fed, State, Agencies	24 hrs	\$3,000		40 hrs	\$4600.00		80 hrs	\$9400		32 hrs	\$ 2816	
Eval/review systems, survey, environ	20 hrs	\$2,200					0 40 hrs	\$4700		60 hrs	\$ 5280	Reimb \$12,000-CTI
Extended analysis City Water Model	52 hrs	\$5,400					0 80 hrs	\$8500		20 hrs	\$ 1760	
Design Alternatives	40 hrs	\$4,200		120 hrs	\$12,470.00		30 hrs	\$3525		50 hrs	\$ 4400	
Eval reports and recommendations	28 hrs	\$2,800		80 hrs	\$ 8,410.00		40 hrs	\$4425		40 hrs	\$ 3520	
Preliminary plan and timeline	24 hrs	\$,2,500		40 hrs	\$4,470.00		40 hrs	\$2350		553 hrs	\$48664	Reimb \$400
Prel cost ests const, rates, maint costs	60 hrs	\$7,200		16 hrs	\$1,860.00		120 hrs	\$12,550		42 hrs	\$ 3696	
Present results to committee	12 hrs	\$1,300		16 hrs	\$2,500.00		20 hrs	\$2350		12 hrs	\$ 1056	
<b>Totals Phase I</b>	<b>290 hrs</b>	<b>\$32,000</b>		<b>312 hrs</b>	<b>\$34,310.00</b>		<b>490 hrs</b>	<b>\$52,050</b>		<b>825 hrs</b>	<b>\$72,600</b>	<b>Reimb \$12,400</b>
Phase II	*Soil Borings											
Final Design	1107 hrs	\$119,600	*Reimb \$5,000	3650 hrs	\$389,660	Reimb \$20,000	4850 hrs	\$485,000		1100 hrs	\$90,200	
Bidding	32 hrs	\$ 3,400		48 hrs	\$ 5,550		350 hrs	\$ 35,000		35 hrs	\$2870	Reimb \$800
Construction Engineering Services	1460	\$132,500		7834 hrs	\$766,470		4170 hrs	\$417,000		200 hrs	\$16,400	
										Full Time Inspection: Cost is \$72/hour		
<b>Total Phase II</b>	<b>2599 hrs</b>	<b>\$255,500</b>	<b>Reimb \$5,000</b>	<b>11,532 hrs</b>	<b>\$1,161,680</b>	<b>Reimb \$20,000</b>	<b>9370 hrs</b>	<b>\$937,000</b>		<b>1335 hrs</b>	<b>\$109,470</b>	<b>Reimb \$800</b>
<b>Totals Phase I and Phase II</b>	<b>2889 hrs</b>	<b>\$287,500</b>	<b>Reimb \$5,000</b>	<b>11,844 hrs</b>	<b>\$1,195,990</b>	<b>Reimb \$20,000</b>	<b>9,860 hrs</b>	<b>\$989,050</b>		<b>2160 hrs</b>	<b>\$182,070</b>	<b>Reimb \$13,200</b>