

Fee Proposals Tabulation																				
Construction Materials Testing and Special Inspection Service																				
For The																				
2.0 MGD Effingham Wastewater Treatment Plant Expansion																				
ECS Southeast, LLC					WSP USA Environment & Infrastructure, Inc.					Whitaker Laboratory, Inc.					Terracon Consultant, Inc.					
Task	Quantity	Unit Rate	Unit	Cost	Total Cost	Quantity	Unit Rate	Unit	Cost	Total Cost	Quantity	Unit Rate	Unit	Cost	Total Cost	Quantity	Unit Rate	Unit	Cost	Total Cost
2.1 Earthwork Observation & Testing IBC 1705.6 (estimate 60 testing days, 6 days - engineer evaluation / proofrolling																				
Technician for Field Monitoring, 60 day	480	\$55	hour	\$26,400		480	\$65	hour	\$31,200		480	\$55	hour	\$26,400		480	\$70	hour	\$33,600	
Project Engineer, Site Evaluation / Consulting, 10 day	60	\$95	hour	\$5,700		60	\$125	hour	\$7,500		60	\$150	hour	\$9,000		60	\$145	hour	\$8,700	
Proctor (Soil), each	4	\$175	each	\$700		4	\$135	each	\$540		4	\$150	each	\$600		4	\$185	each	\$740	
Grainsize Analysis, each	4	\$75	each	\$300		4	\$95	each	\$380		4	\$100	each	\$400		4	\$125	each	\$500	
Vehicle / Equipment Charge, per trip	70	\$30	trip	\$2,100		70	\$35	trip	\$2,450		70	\$75	trip	\$5,250		70	\$50	trip	\$3,500	
				Subtotal:	\$35,200				Subtotal	\$42,070				Subtotal	\$41,650				Subtotal	\$47,040
2.2 Deep Foundation Observation and Testing (PSC Piles) IBC 1705.7 PDA Testing and Review																				
- Assumes 2 days (1 day initial drive and 1 for restrike) per test pile																				
- Assumes 1 test piles installed per day																				
PDA Field Testing, per day	16	\$2,000	day	\$32,000		16	\$1,665	day	\$26,640		16	\$3,750	day	\$60,000		16	\$1,950	day	\$31,200	
CAPWAP (initial drive and restrike for each pile	80	\$250	each	\$20,000		80	\$400	each	\$32,000		80	\$50	each	\$4,000		80	\$325	each	\$26,000	
				Subtotal:	\$52,000				Subtotal	\$58,640				Subtotal	\$64,000				Subtotal	\$57,200
- Assumes 40 test piles																				
PDA Report	2	\$500	each	\$1,000		2	\$860	each	\$1,720		2	\$6,000	each	\$12,000		2	\$600	each	\$1,200	
Project Engineer (Reporting)	20	\$110	hour	\$2,200		20	\$125	hour	\$2,500		20	\$200	hour	\$4,000		20	\$155	hour	\$3,100	
Senior Engineer / Consultant	10	\$145	hour	\$1,450		10	\$200	hour	\$2,000		10	\$300	hour	\$3,000		10	\$235	hour	\$2,350	
				Subtotal:	\$4,650				Subtotal	\$6,220				Subtotal	\$19,000				Subtotal	\$6,650
Pile Monitoring (Estimate 27 days technician)																				
- Assumes 400 piles installed (15 piles installed per day)																				
- Assumes 1 pile rig driving																				
Test / Production Pile Installation (Technician), per hou	270	\$55	hour	\$14,850		270	\$85	hour	\$22,950		270	\$75	hour	\$20,250		270	\$70	hour	\$18,900	
Vehicle / Equipment Charge, per trip	27	\$30	trip	\$810		27	\$35	trip	\$945		27	\$75	trip	\$2,025		27	\$50	trip	\$1,350	
				Subtotal:	\$15,660				Subtotal	\$23,895				Subtotal	\$22,275				Subtotal	\$20,250
2.3 Foundation Observation & Testing IBC 1705.6 (estimate 20 days)																				
Technician, days	120	\$55	hour	\$6,600		120	\$85	hour	\$10,200		120	\$55	hour	\$6,600		120	\$70	hour	\$8,400	
Vehicle / Equipment Charge, per trip	20	\$30	trip	\$600		20	\$35	trip	\$700		20	\$75	trip	\$1,500		20	\$50	trip	\$1,000	
				Subtotal:	\$7,200				Subtotal	\$10,900				Subtotal	\$8,100				Subtotal	\$9,400
2.4 Cast-in-Place Concrete IBC 1705.3 80 days concrete , 80 days Inspections, plus next day pick up )																				
Technician ( SOG, Foundations, Walls, Columns), 80 day	800	\$55	hour	\$44,000		800	\$58	hour	\$46,400		800	\$55	hour	\$44,000		800	\$70	hour	\$56,000	
Concrete Special Inspections, 80 days	320	\$90	hour	\$28,800		320	\$65	hour	\$20,800		320	\$55	hour	\$17,600		320	\$115	hour	\$36,800	
Vehicle / Equipment Charge, per trip	240	\$30	trip	\$7,200		240	\$35	trip	\$8,400		240	\$75	trip	\$18,000		240	\$50	trip	\$12,000	
Concrete Cylinders, each	1200	\$20	each	\$24,000		1200	\$18	each	\$21,600		1200	\$25	each	\$30,000		1200	\$22	each	\$26,400	
				Subtotal:	\$104,000				Subtotal	\$97,200				Subtotal	\$109,600				Subtotal	\$131,200
2.5 Masonry Observation and Testing IBC 1705.4 (estimate 6 inspections / 6 grout events, plus next day pick up																				
Technician, 6 grout events	24	\$55	hour	\$1,320		24	\$58	hour	\$1,392		24	\$55	hour	\$1,320		24	\$70	hour	\$1,680	
Masonry Special Inspections 6 events	24	\$90	hour	\$2,160		24	\$65	hour	\$1,560		24	\$55	hour	\$1,320		24	\$115	hour	\$2,760	
Grout Prisms, each	24	\$20	each	\$480		24	\$20	each	\$480		24	\$25	each	\$600		24	\$22	each	\$528	
Vehicle / Equipment Charge, per trip	18	\$30	trip	\$540		18	\$35	trip	\$630		18	\$75	trip	\$1,350		18	\$50	trip	\$900	
				Subtotal:	\$4,500				Subtotal	\$4,062				Subtotal	\$4,590				Subtotal	\$5,868
2.6 Pavement / Miscellaneous Site Work IBC 1706.3 and 1706.6 (estimate 20 testing days FSG / GAB / Asphalt, 10 concrete pours, plus next day pick-up)																				
Technician (Soil FSG, GAB), 20 day:	160	\$55	hour	\$8,800		160	\$65	hour	\$10,400		160	\$55	hour	\$8,800		160	\$70	hour	\$11,200	
Technician (Asphalt), 10 days	60	\$75	hour	\$4,500		60	\$65	hour	\$3,900		60	\$55	hour	\$3,300		60	\$85	hour	\$5,100	
GAB Proctor, each	1	\$225	each	\$225		1	\$135	each	\$135		1	\$175	each	\$175		1	\$265	each	\$265	
GAB Grainsize Analysis, each	1	\$75	each	\$75		1	\$110	each	\$110		1	\$150	each	\$150		1	\$155	each	\$155	
Technician (exterior concrete), 10 pours	100	\$55	hour	\$5,500		100	\$58	hour	\$5,800		100	\$55	hour	\$5,500		100	\$70	hour	\$7,000	
Concrete Cylinders, each	150	\$20	each	\$3,000		150	\$18	each	\$2,700		150	\$25	each	\$3,750		150	\$22	each	\$3,300	
Vehicle/Equipment Charge, per trip	30	\$30	trip	\$900		30	\$35	trip	\$1,050		30	\$75	trip	\$2,250		30	\$50	trip	\$1,500	
				Subtotal:	\$23,000				Subtotal	\$24,095				Subtotal	\$23,925				Subtotal	\$28,520
2.7 Structural Steel Special Inspections IBC 1705.1-1705.2 (estimate 15 visual inspections																				
Structural Steel Inspector, 15 inspections	15	\$920	day	\$13,800		15	\$660	day	\$9,900		15	\$400	day	\$6,000		15	\$1,195	day	\$17,925	
Vehicle/Equipment Charge, per trip	15	\$30	trip	\$450		15	\$35	trip	\$525		15	\$75	trip	\$1,125		15	\$50	trip	\$750	
				Subtotal:	\$14,250				Subtotal	\$10,425				Subtotal	\$7,125				Subtotal	\$18,675
2.8 Specialty Inspections Wind / Seismic IBC 1705.11 (estimate 15 inspections																				
Field Engineer, days	80	\$115	hour	\$9,200		80	\$120	hour	\$9,600		80	\$95	hour	\$7,600		80	\$145	hour	\$11,600	
Vehicle / Equipment Charge, per trip	15	\$30	trip	\$450		15	\$35	trip	\$525		15	\$75	trip	\$1,125		15	\$50	trip	\$750	
				Subtotal:	\$9,650				Subtotal	\$10,125				Subtotal	\$8,725				Subtotal	\$12,350
2.9 Consulting / Reporting / Supervision - Scheduling																				
Project Manager	120	\$110	hour	\$13,200		120	\$125	hour	\$15,000		120	\$150	hour	\$18,000		120	\$165	hour	\$19,800	
Senior Consultant	20	\$155	hour	\$3,100		20	\$170	hour	\$3,400		20	\$75	hour	\$1,500		20	\$235	hour	\$4,700	
Clerical	50	\$40	hour	\$2,000		50	\$85	hour	\$4,250		50	\$25	hour	\$1,250		50	\$70	hour	\$3,500	
				Subtotal:	\$18,300				Subtotal	\$22,650				Subtotal	\$20,750				Subtotal	\$28,000
Total Estimated Cost: \$288,410																				
Total Estimated Cost: \$310,282																				
Total Estimated Cost: \$329,740																				
Total Estimated Cost: \$365,153																				
Task																				
NPDES / SWPPP Services (16 months - weekly, post-storm, and storm water sampling)																				
Weekly SWPPP Inspector	64	\$300	each	\$19,200		64	\$120	each	\$7,680		64	\$300	each	\$19,200		64	\$300	each	\$19,200	
Post Storm Inspection (estimate 16 for life of project	16	\$300	each	\$4,800		16	\$120	each	\$1,920		16	\$300	each	\$4,800		16	\$300	each	\$4,800	
Storm Water Sampling (2 required by GA Law	4	\$55	hour	\$220		4	\$60	hour	\$240		4	\$75	hour	\$300		4	\$300	hour	\$1,200	
				Subtotal:	\$24,220				Subtotal	\$9,840				Subtotal	\$24,300				Subtotal	\$25,200
NPDES Total Estimated Cost: \$24,220					NPDES Total Estimated Cost: \$9,840					NPDES Total Estimated Cost: \$24,300					NPDES Total Estimated Cost: \$25,200					
Estimated Grand Cost: \$312,630.00					Estimated Grand Cost: \$320,122.00					Estimated Grand Cost: \$354,040.00					Estimated Grand Cost: \$390,353.00					