

James Street Pump Station				1		2		3		4		
Bid Opening: July 29, 2014, 11:00 AM				Award Construction, Inc. 980 Willeys Lake Rd. Ferndale, WA 98248		R. W. Scott Construction Co. 4005 West Valley Highway, Suite A Auburn, WA 98001		Road Construction Northwest, Inc. PO Box 188 Renton, WA 98057-0188		Pacific Civil & Infrastructure 3450 S. 344th Way, Suite 115 Federal Way, WA 98001		
TOTAL				\$2,197,340.33		\$2,266,562.40		\$2,369,089.99		\$2,386,233.58		
ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	
SCHEDULE I: STREET												
1000	Mobilization	1	LS	100,000.00	\$100,000.00	549,384.00	\$549,384.00	232,000.00	\$232,000.00	150,000.00	\$150,000.00	
1005	Clearing & Grubbing	1	LS	6,400.00	\$6,400.00	4,239.00	\$4,239.00	3,600.00	\$3,600.00	50,000.00	\$50,000.00	
1010	Remove Existing Asphalt Concrete Pavement	60	SY	27.50	\$1,650.00	10.00	\$600.00	17.00	\$1,020.00	6.25	\$375.00	
1020	Remove Cement Concrete Sidewalk	25	SY	50.50	\$1,262.50	20.00	\$500.00	20.00	\$500.00	9.00	\$225.00	
1025	Remove Cement Concrete Curb & Gutter	25	LF	24.00	\$600.00	20.00	\$500.00	10.00	\$250.00	6.00	\$150.00	
1040	Removal of Raised Pavement Markers & Painted &/or Thermoplastic Traffic Markings	1	LS	750.00	\$750.00	3,300.00	\$3,300.00	1,500.00	\$1,500.00	500.00	\$500.00	
1050	Saw Cut Existing Asphalt Concrete Pavement	150	LF	4.50	\$675.00	4.00	\$600.00	4.00	\$600.00	3.50	\$525.00	
1055	Saw Cut Existing Cement Concrete Pavement	50	LF	6.75	\$337.50	10.00	\$500.00	15.00	\$750.00	3.50	\$175.00	
1060	Roadway Excavtion Incl. Haul	100	CY	33.50	\$3,350.00	35.00	\$3,500.00	55.00	\$5,500.00	10.00	\$1,000.00	
1065	Unsuitable Foundation Excavation Incl. Haul	10	CY	70.00	\$700.00	50.00	\$500.00	100.00	\$1,000.00	22.50	\$225.00	
1070	Geotextile Fabric, Non-Woven	300	SY	4.00	\$1,200.00	4.50	\$1,350.00	4.00	\$1,200.00	1.00	\$300.00	
1080	Crushed Surfacing Top Course, 5/8" Minus	200	TON	34.50	\$6,900.00	30.00	\$6,000.00	49.00	\$9,800.00	22.00	\$4,400.00	
1085	Crushed Surfacing Base Course, 1 1/4" Minus	25	TON	29.50	\$737.50	30.00	\$750.00	44.50	\$1,112.50	22.00	\$550.00	
1095	HMA Class 1/2", PG 64-22	50	TON	225.00	\$11,250.00	385.00	\$19,250.00	165.00	\$8,250.00	175.00	\$8,750.00	
1125	Cold Plant Mix for Temporary Pavement Patch	25	TON	220.00	\$5,500.00	150.00	\$3,750.00	240.00	\$6,000.00	65.00	\$1,625.00	
1126	HMA for Temporary Pavement Patch	25	TON	235.00	\$5,875.00	200.00	\$5,000.00	165.00	\$4,125.00	65.00	\$1,625.00	
1145	Cement Concrete Sidewalk	15	SY	51.50	\$772.50	180.00	\$2,700.00	70.00	\$1,050.00	100.00	\$1,500.00	
1205	Cement Concrete Curb and Gutter	25	LF	38.00	\$950.00	70.00	\$1,750.00	54.00	\$1,350.00	50.00	\$1,250.00	
1212	Concrete Mow Strip	250	LF	27.50	\$6,875.00	15.00	\$3,750.00	58.00	\$14,500.00	20.00	\$5,000.00	
1255	Remove Existing Fence	200	LF	6.00	\$1,200.00	8.00	\$1,600.00	7.50	\$1,500.00	7.00	\$1,400.00	
1280	Install New Chain Link Fence	250	LF	30.00	\$7,500.00	30.00	\$7,500.00	37.00	\$9,250.00	20.00	\$5,000.00	
1282	Install New Double Chain Link Gate	2	EA	1,400.00	\$2,800.00	1,500.00	\$3,000.00	1,700.00	\$3,400.00	1,500.00	\$3,000.00	
1284	Install New Single Chain Link Gate	1	EA	500.00	\$500.00	500.00	\$500.00	550.00	\$550.00	750.00	\$750.00	
1305	Remove Existing Pump Station	1	LS	3,000.00	\$3,000.00	3,500.00	\$3,500.00	7,200.00	\$7,200.00	1,500.00	\$1,500.00	
1315	Pothole Utilities	10	EA	500.00	\$5,000.00	350.00	\$3,500.00	550.00	\$5,500.00	475.00	\$4,750.00	
1320	Project Sign	1	EA	1,000.00	\$1,000.00	600.00	\$600.00	900.00	\$900.00	2,000.00	\$2,000.00	
SCHEDULE I TOTAL					\$176,785.00		\$628,123.00		\$322,407.50		\$246,575.00	
SCHEDULE IV: STORM SEWER												
4020	Storm Sewer Pipe, 14" Diameter, Epoxy Lined, Ductile Iron, CI 50	25	LF	410.00	\$10,250.00	410.00	\$10,250.00	850.00	\$21,250.00	850.00	\$21,250.00	
4035	Storm Sewer Pipe, 24" Diameter, Epoxy Lined, Ductile Iron, CI 50	85	LF	260.00	\$22,100.00	359.00	\$30,515.00	275.00	\$23,375.00	400.00	\$34,000.00	
4036	Storm Sewer Pipe, 24" Diameter, Epoxy Lined, Ductile Iron, Restrained Joint, CI 50	90	LF	600.00	\$54,000.00	480.00	\$43,200.00	774.00	\$69,660.00	430.00	\$38,700.00	
4060	Storm Sewer Pipe, 72" Diameter, RCP	60	LF	660.00	\$39,600.00	795.00	\$47,700.00	840.00	\$50,400.00	5,320.00	\$319,200.00	
4085	Catch Basin, Type 2 54" Diameter	2	EA	6,650.00	\$13,300.00	8,500.00	\$17,000.00	6,000.00	\$12,000.00	10,000.00	\$20,000.00	
4086	Catch Basin, Type 2 54" Diameter with Slide Gate	1	EA	18,000.00	\$18,000.00	14,800.00	\$14,800.00	22,100.00	\$22,100.00	25,000.00	\$25,000.00	
4097	120" Diameter Bypass Manhole	1	EA	20,000.00	\$20,000.00	29,388.00	\$29,388.00	37,900.00	\$37,900.00	230,000.00	\$230,000.00	
4099	120" Diameter Discharge Manhole	1	EA	20,000.00	\$20,000.00	29,388.00	\$29,388.00	36,900.00	\$36,900.00	230,000.00	\$230,000.00	
4110	Locking Manhole Frame & Cover	3	EA	750.00	\$2,250.00	500.00	\$1,500.00	550.00	\$1,650.00	250.00	\$750.00	
4150	Shoring or Extra Excavation Class B	2,200	SF	6.00	\$13,200.00	2.00	\$4,400.00	9.00	\$19,800.00	10.00	\$22,000.00	
4155	Foundation Material, Class I & II	50	TON	67.50	\$3,375.00	50.00	\$2,500.00	55.00	\$2,750.00	30.00	\$1,500.00	
4160	Geotextile Fabric, Non-Woven	100	SY	4.00	\$400.00	4.50	\$450.00	4.00	\$400.00	1.00	\$100.00	

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TOTAL				\$2,197,340.33		\$2,266,562.40		\$2,369,089.99		\$2,386,233.58	
ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
4165	Quarry Spalls	100	TON	90.00	\$9,000.00	50.00	\$5,000.00	70.00	\$7,000.00	30.00	\$3,000.00
4170	Pipe Zone Bedding	500	TON	45.50	\$22,750.00	35.00	\$17,500.00	20.25	\$10,125.00	19.00	\$9,500.00
4175	Crushed Surfacing Top Course, 5/8" Minus	100	TON	34.50	\$3,450.00	30.00	\$3,000.00	49.00	\$4,900.00	22.00	\$2,200.00
4180	Permeable Ballast	100	TON	60.00	\$6,000.00	50.00	\$5,000.00	55.00	\$5,500.00	22.00	\$2,200.00
4185	Gravel Borrow, Including Haul & Compaction	800	TON	31.20	\$24,960.00	26.00	\$20,800.00	29.00	\$23,200.00	2.50	\$2,000.00
4220	120" Diameter Storm Water Pump Station Complete, Including Concrete Landing	1	LS	485,000.00	\$485,000.00	245,661.00	\$245,661.00	399,300.00	\$399,300.00	240,000.00	\$240,000.00
4225	Generator System Complete, Including Concrete Pad	1	LS	135,000.00	\$135,000.00	118,500.00	\$118,500.00	135,800.00	\$135,800.00	50,000.00	\$50,000.00
4230	Electrical/Communication Complete, Including Concrete Pad	1	LS	250,000.00	\$250,000.00	269,500.00	\$269,500.00	368,000.00	\$368,000.00	225,000.00	\$225,000.00
4235	Pump Station Shelter, Complete	1	LS	66,000.00	\$66,000.00	40,000.00	\$40,000.00	72,200.00	\$72,200.00	25,000.00	\$25,000.00
4240	Generator Shelter, Complete	1	LS	57,000.00	\$57,000.00	40,000.00	\$40,000.00	65,600.00	\$65,600.00	25,000.00	\$25,000.00
4245	Electrical Shelter, Complete	1	LS	50,000.00	\$50,000.00	40,000.00	\$40,000.00	29,900.00	\$29,900.00	25,000.00	\$25,000.00
SCHEDULE IV TOTAL				\$1,325,635.00		\$1,036,052.00		\$1,419,710.00		\$1,551,400.00	
SCHEDULE IV A: SAND FILTER VAULT											
4010A	Remove Existing Asphalt Concrete Pavement	375	SY	27.50	\$10,312.50	10.00	\$3,750.00	17.00	\$6,375.00	6.25	\$2,343.75
4020A	Remove Cement Concrete Sidewalk	5	SY	50.50	\$252.50	20.00	\$100.00	20.00	\$100.00	9.00	\$45.00
4050A	Saw Cut Existing Asphalt Concrete Pavement	500	LF	4.50	\$2,250.00	4.00	\$2,000.00	4.00	\$2,000.00	3.50	\$1,750.00
4055A	Saw Cut Existing Cement Concrete Pavement	10	LF	6.75	\$67.50	10.00	\$100.00	15.00	\$150.00	3.50	\$35.00
4060A	Roadway Excavation Incl. Haul	1	CY	33.50	\$33.50	35.00	\$35.00	55.00	\$55.00	10.00	\$10.00
4080A	Crushed Surfacing Top Course, 5/8" Minus	200	TON	34.50	\$6,900.00	30.00	\$6,000.00	49.00	\$9,800.00	22.00	\$4,400.00
4085A	Crushed Surfacing Base Course, 1 1/4" Minus	150	TON	29.50	\$4,425.00	30.00	\$4,500.00	44.50	\$6,675.00	22.00	\$3,300.00
4095A	HMA Class 1/2", PG 64-22	200	TON	225.00	\$45,000.00	385.00	\$77,000.00	165.00	\$33,000.00	175.00	\$35,000.00
4145A	Cement Concrete Sidewalk	5	SY	51.50	\$257.50	180.00	\$900.00	70.00	\$350.00	100.00	\$500.00
4215A	Service Connection 1" Diameter	1	EA	500.00	\$500.00	1,000.00	\$1,000.00	460.00	\$460.00	600.00	\$600.00
4245A	Water Service Line 1" Diameter	50	LF	31.00	\$1,550.00	60.00	\$3,000.00	35.00	\$1,750.00	30.00	\$1,500.00
4255A	1" Meter Setter	1	EA	525.00	\$525.00	500.00	\$500.00	1,000.00	\$1,000.00	700.00	\$700.00
4260A	Meter Box for 1" Diameter Service	1	EA	400.00	\$400.00	250.00	\$250.00	800.00	\$800.00	300.00	\$300.00
4400A	Storm Sewer Pipe, 24" Diameter, Epoxy Lined, Ductile Iron, CI 50	175	LF	260.00	\$45,500.00	359.00	\$62,825.00	275.00	\$48,125.00	400.00	\$70,000.00
4405A	24" Gate Valve MJ x FL or MJ x MJ or FL x FL	1	EA	22,000.00	\$22,000.00	26,000.00	\$26,000.00	26,800.00	\$26,800.00	25,000.00	\$25,000.00
4410A	Catch Basin, Type 2 48" Diameter	1	EA	7,500.00	\$7,500.00	5,000.00	\$5,000.00	4,200.00	\$4,200.00	7,500.00	\$7,500.00
4415A	Catch Basin, Type 2 54" Diameter	2	EA	6,650.00	\$13,300.00	8,500.00	\$17,000.00	6,000.00	\$12,000.00	10,000.00	\$20,000.00
4420A	Grease Interceptor Single Vault System	1	EA	170,000.00	\$170,000.00	48,650.00	\$48,650.00	63,000.00	\$63,000.00	50,000.00	\$50,000.00
4425A	Solid Locking Catch Basin Frame & Cover	3	EA	750.00	\$2,250.00	500.00	\$1,500.00	500.00	\$1,500.00	750.00	\$2,250.00
4430A	Shoring or Extra Excavation Class B	1,200	SF	6.00	\$7,200.00	2.00	\$2,400.00	9.00	\$10,800.00	10.00	\$12,000.00
4435A	Foundation Material, Class I & II	50	TON	67.50	\$3,375.00	50.00	\$2,500.00	55.00	\$2,750.00	30.00	\$1,500.00
4440A	Pipe Zone Bedding	200	TON	45.50	\$9,100.00	35.00	\$7,000.00	20.25	\$4,050.00	19.00	\$3,800.00
4450A	Gravel Borrow, Including Haul & Compaction	100	TON	31.20	\$3,120.00	26.00	\$2,600.00	29.00	\$2,900.00	2.50	\$250.00
4500A	White Thermoplastic 4" Wide Lane Line	70	LF	17.00	\$1,190.00	10.00	\$700.00	14.00	\$980.00	4.00	\$280.00
4505A	Double Yellow Center Line RPM	200	LF	11.50	\$2,300.00	4.00	\$800.00	7.00	\$1,400.00	3.00	\$600.00
SCHEDULE IV A TOTAL				\$359,308.50		\$276,110.00		\$241,020.00		\$243,663.75	

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TOTAL				\$2,197,340.33		\$2,266,562.40		\$2,369,089.99		\$2,386,233.58	
ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
SCHEDULE V: TRAFFIC CONTROL											
5005	Traffic Control Labor	250	HR	46.50	\$11,625.00	50.00	\$12,500.00	66.00	\$16,500.00	63.00	\$15,750.00
5015	Traffic Control Supervisor	75	HR	120.00	\$9,000.00	60.00	\$4,500.00	70.00	\$5,250.00	75.00	\$5,625.00
5020	Temporary Traffic Control Devices	1	LS	5,900.00	\$5,900.00	10,000.00	\$10,000.00	20,600.00	\$20,600.00	10,000.00	\$10,000.00
5030	Portable Changeable Message Sign (PCMS)	60	DAY	105.00	\$6,300.00	80.00	\$4,800.00	160.00	\$9,600.00	100.00	\$6,000.00
5035	Sequential Arrow Sign (SAS)	60	DAY	26.00	\$1,560.00	30.00	\$1,800.00	85.00	\$5,100.00	100.00	\$6,000.00
5060	Type III Barricade	4	EA	870.00	\$3,480.00	500.00	\$2,000.00	260.00	\$1,040.00	750.00	\$3,000.00
5075	Permanent Channelization	1	LS	3,300.00	\$3,300.00	500.00	\$500.00	2,400.00	\$2,400.00	5,000.00	\$5,000.00
5080	Temporary Pavement Marking	50	LF	5.50	\$275.00	10.00	\$500.00	4.00	\$200.00	2.00	\$100.00
SCHEDULE V TOTAL					\$41,440.00	\$36,600.00	\$60,690.00	\$51,475.00			
SCHEDULE VI: ELECTRICAL											
6005	20 Foot High Luminaire	1	EA	3,000.00	\$3,000.00	3,000.00	\$3,000.00	5,000.00	\$5,000.00	20,000.00	\$20,000.00
6006	Video Surveillance Camera	4	EA	5,000.00	\$20,000.00	4,900.00	\$19,600.00	7,000.00	\$28,000.00	5,000.00	\$20,000.00
6007	Installation of 3/4" Diameter Conduit	300	LF	21.00	\$6,300.00	20.00	\$6,000.00	25.00	\$7,500.00	10.00	\$3,000.00
6008	Installation of 1" Diameter Conduit	200	LF	23.00	\$4,600.00	22.00	\$4,400.00	28.00	\$5,600.00	10.00	\$2,000.00
6009	Installation of 1-1/4" Diameter Conduit	50	LF	27.00	\$1,350.00	27.00	\$1,350.00	34.00	\$1,700.00	10.00	\$500.00
6010	Installation of 1-1/2" Diameter Conduit	50	LF	29.00	\$1,450.00	29.00	\$1,450.00	37.00	\$1,850.00	10.00	\$500.00
6012	Installation of 3" Diameter Conduit	50	LF	68.00	\$3,400.00	66.00	\$3,300.00	84.00	\$4,200.00	10.00	\$500.00
6013	Installation of 3-1/2" Diameter Conduit	75	LF	85.00	\$6,375.00	83.00	\$6,225.00	110.00	\$8,250.00	10.00	\$750.00
6018	Utility Trench Excavation - 2' Wide - 3' of Cover	400	LF	14.00	\$5,600.00	10.00	\$4,000.00	25.00	\$10,000.00	8.00	\$3,200.00
6021	Sand for Conduit Bedding	100	TON	25.00	\$2,500.00	30.00	\$3,000.00	60.00	\$6,000.00	19.00	\$1,900.00
6022	Bank Run Gravel for Trench Backfill	200	TON	20.00	\$4,000.00	28.00	\$5,600.00	45.00	\$9,000.00	19.00	\$3,800.00
6023	Transformer Pad	15	SY	50.00	\$750.00	130.00	\$1,950.00	170.00	\$2,550.00	30.00	\$450.00
SCHEDULE VI TOTAL					\$59,325.00	\$59,875.00	\$89,650.00	\$56,600.00			
SCHEDULE VII: TEMPORARY EROSION & SEDIMENTATION CONTROL											
7005	Filter Fabric Fence	100	LF	6.00	\$600.00	9.00	\$900.00	7.00	\$700.00	5.50	\$550.00
7010	Wattle	200	LF	13.50	\$2,700.00	6.00	\$1,200.00	5.75	\$1,150.00	3.60	\$720.00
7015	Inlet Protection	10	EA	80.00	\$800.00	70.00	\$700.00	100.00	\$1,000.00	92.50	\$925.00
7020	Straw Mulch	300	SY	8.00	\$2,400.00	2.00	\$600.00	4.50	\$1,350.00	2.00	\$600.00
7025	Clear Plastic Covering	300	SY	4.00	\$1,200.00	3.00	\$900.00	4.00	\$1,200.00	2.10	\$630.00
7030	ESC Lead	300	HR	65.00	\$19,500.00	40.00	\$12,000.00	30.00	\$9,000.00	35.00	\$10,500.00
7055	Erosion/Water Pollution Control	1	FA	5,000.00	\$5,000.00	5,000.00	\$5,000.00	5,000.00	\$5,000.00	5,000.00	\$5,000.00
7060	Baker Tank	1	FA	5,000.00	\$5,000.00	5,000.00	\$5,000.00	5,000.00	\$5,000.00	5,000.00	\$5,000.00
7065	Sand Filtration System	1	FA	5,000.00	\$5,000.00	5,000.00	\$5,000.00	5,000.00	\$5,000.00	5,000.00	\$5,000.00
SCHEDULE VII TOTAL					\$42,200.00	\$31,300.00	\$29,400.00	\$28,925.00			

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TOTAL				\$2,197,340.33		\$2,266,562.40		\$2,369,089.99		\$2,386,233.58	
ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
SCHEDULE VIII: ROADSIDE RESTORATION											
8001	Seeding, Fertilizing, & Mulching	60	SF	15.00	\$900.00	15.00	\$900.00	4.00	\$240.00	2.00	\$120.00
8005	Topsoil Type A	30	CF	17.00	\$510.00	2.00	\$60.00	6.50	\$195.00	5.00	\$150.00
8010	Sod Installation	60	SF	10.00	\$600.00	15.00	\$900.00	4.00	\$240.00	5.00	\$300.00
SCHEDULE VIII TOTAL					\$2,010.00	\$1,860.00	\$675.00				
SUMMARY:											
SCHEDULE I TOTAL					\$176,785.00	\$628,123.00	\$322,407.50	\$246,575.00			
SCHEDULE IV TOTAL					\$1,325,635.00	\$1,036,052.00	\$1,419,710.00	\$1,551,400.00			
SCHEDULE IV A TOTAL					\$359,308.50	\$276,110.00	\$241,020.00	\$243,663.75			
SCHEDULE V TOTAL					\$41,440.00	\$36,600.00	\$60,690.00	\$51,475.00			
SCHEDULE VI TOTAL					\$59,325.00	\$59,875.00	\$89,650.00	\$56,600.00			
SCHEDULE VII TOTAL					\$42,200.00	\$31,300.00	\$29,400.00	\$28,925.00			
SCHEDULE VIII TOTAL					\$2,010.00	\$1,860.00	\$675.00	\$570.00			
SUB TOTAL					\$2,006,703.50	\$2,069,920.00	\$2,163,552.50	\$2,179,208.75			
9.5% SALES TAX					\$190,636.83	\$196,642.40	\$205,537.49	\$207,024.83			
CONSTRUCTION CONTRACT TOTAL					\$2,197,340.33	\$2,266,562.40	\$2,369,089.99	\$2,386,233.58			

James Street Pump Station

Bid Opening: July 29, 2014, 11:00 AM

Engineer's Estimate
Kelly Casteel

TOTAL \$1,183,423.99

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT
SCHEDULE I: STREET					
1000	Mobilization	1	LS	100,000.00	\$100,000.00
1005	Clearing & Grubbing	1	LS	1,000.00	\$1,000.00
1010	Remove Existing Asphalt Concrete Pavement	60	SY	7.00	\$420.00
1020	Remove Cement Concrete Sidewalk	25	SY	12.00	\$300.00
1025	Remove Cement Concrete Curb & Gutter	25	LF	7.50	\$187.50
1040	Removal of Raised Pavement Markers & Painted &/or Thermoplastic Traffic Markings	1	LS	500.00	\$500.00
1050	Saw Cut Existing Asphalt Concrete Pavement	150	LF	4.00	\$600.00
1055	Saw Cut Existing Cement Concrete Pavement	50	LF	6.50	\$325.00
1060	Roadway Excavtion Incl. Haul	100	CY	20.00	\$2,000.00
1065	Unsuitable Foundation Excavation Incl. Haul	10	CY	15.00	\$150.00
1070	Geotextile Fabric, Non-Woven	300	SY	4.00	\$1,200.00
1080	Crushed Surfacing Top Course, 5/8" Minus	200	TON	20.00	\$4,000.00
1085	Crushed Surfacing Base Course, 1 1/4" Minus	25	TON	20.00	\$500.00
1095	HMA Class 1/2", PG 64-22	50	TON	80.00	\$4,000.00
1125	Cold Plant Mix for Temporary Pavement Patch	25	TON	120.00	\$3,000.00
1126	HMA for Temporary Pavement Patch	25	TON	150.00	\$3,750.00
1145	Cement Concrete Sidewalk	15	SY	35.00	\$525.00
1205	Cement Concrete Curb and Gutter	25	LF	20.00	\$500.00
1212	Concrete Mow Strip	250	LF	20.00	\$5,000.00
1255	Remove Existing Fence	200	LF	5.00	\$1,000.00
1280	Install New Chain Link Fence	250	LF	30.00	\$7,500.00
1282	Install New Double Chain Link Gate	2	EA	1,500.00	\$3,000.00
1284	Install New Single Chain Link Gate	1	EA	500.00	\$500.00
1305	Remove Existing Pump Station	1	LS	5,000.00	\$5,000.00
1315	Pothole Utilities	10	EA	500.00	\$5,000.00
1320	Project Sign	1	EA	500.00	\$500.00
SCHEDULE I TOTAL					\$150,457.50
SCHEDULE IV: STORM SEWER					
4020	Storm Sewer Pipe, 14" Diameter, Epoxy Lined, Ductile Iron, CI 50	25	LF	80.00	\$2,000.00
4035	Storm Sewer Pipe, 24" Diameter, Epoxy Lined, Ductile Iron, CI 50	85	LF	115.00	\$9,775.00
4036	Storm Sewer Pipe, 24" Diameter, Epoxy Lined, Ductile Iron, Restrained Joint, CI 50	90	LF	200.00	\$18,000.00
4060	Storm Sewer Pipe, 72" Diameter, RCP	60	LF	500.00	\$30,000.00
4085	Catch Basin, Type 2 54" Diameter	2	EA	3,300.00	\$6,600.00
4086	Catch Basin, Type 2 54" Diameter with Slide Gate	1	EA	3,500.00	\$3,500.00
4097	120" Diameter Bypass Manhole	1	EA	45,000.00	\$45,000.00
4099	120" Diameter Discharge Manhole	1	EA	45,000.00	\$45,000.00
4110	Locking Manhole Frame & Cover	3	EA	550.00	\$1,650.00
4150	Shoring or Extra Excavation Class B	2,200	SF	0.50	\$1,100.00
4155	Foundation Material, Class I & II	50	TON	20.00	\$1,000.00
4160	Geotextile Fabric, Non-Woven	100	SY	4.00	\$400.00

James Street Pump Station

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Engineer's Estimate
Kelly Casteel

				TOTAL	
				\$1,183,423.99	
ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT
4165	Quarry Spalls	100	TON	35.00	\$3,500.00
4170	Pipe Zone Bedding	500	TON	20.00	\$10,000.00
4175	Crushed Surfacing Top Course, 5/8" Minus	100	TON	20.00	\$2,000.00
4180	Permeable Ballast	100	TON	30.00	\$3,000.00
4185	Gravel Borrow, Including Haul & Compaction	800	TON	20.00	\$16,000.00
4220	120" Diameter Storm Water Pump Station Complete, Including Concrete Landing	1	LS	225,000.00	\$225,000.00
4225	Generator System Complete, Including Concrete Pad	1	LS	90,000.00	\$90,000.00
4230	Electrical/Communication Complete, Including Concrete Pad	1	LS	110,000.00	\$110,000.00
4235	Pump Station Shelter, Complete	1	LS	22,000.00	\$22,000.00
4240	Generator Shelter, Complete	1	LS	20,000.00	\$20,000.00
4245	Electrical Shelter, Complete	1	LS	18,000.00	\$18,000.00
SCHEDULE IV TOTAL					\$683,525.00
SCHEDULE IV A: SAND FILTER VAULT					
4010A	Remove Existing Asphalt Concrete Pavement	375	SY	7.00	\$2,625.00
4020A	Remove Cement Concrete Sidewalk	5	SY	12.00	\$60.00
4050A	Saw Cut Existing Asphalt Concrete Pavement	500	LF	4.00	\$2,000.00
4055A	Saw Cut Existing Cement Concrete Pavement	10	LF	6.50	\$65.00
4060A	Roadway Excavation Incl. Haul	1	CY	20.00	\$20.00
4080A	Crushed Surfacing Top Course, 5/8" Minus	200	TON	20.00	\$4,000.00
4085A	Crushed Surfacing Base Course, 1 1/4" Minus	150	TON	20.00	\$3,000.00
4095A	HMA Class 1/2", PG 64-22	200	TON	80.00	\$16,000.00
4145A	Cement Concrete Sidewalk	5	SY	35.00	\$175.00
4215A	Service Connection 1" Diameter	1	EA	700.00	\$700.00
4245A	Water Service Line 1" Diameter	50	LF	20.00	\$1,000.00
4255A	1" Meter Setter	1	EA	400.00	\$400.00
4260A	Meter Box for 1" Diameter Service	1	EA	200.00	\$200.00
4400A	Storm Sewer Pipe, 24" Diameter, Epoxy Lined, Ductile Iron, CI 50	175	LF	115.00	\$20,125.00
4405A	24" Gate Valve MJ x FL or MJ x MJ or FL x FL	1	EA	10,000.00	\$10,000.00
4410A	Catch Basin, Type 2 48" Diameter	1	EA	3,300.00	\$3,300.00
4415A	Catch Basin, Type 2 54" Diameter	2	EA	4,000.00	\$8,000.00
4420A	Grease Interceptor Single Vault System	1	EA	50,000.00	\$50,000.00
4425A	Solid Locking Catch Basin Frame & Cover	3	EA	400.00	\$1,200.00
4430A	Shoring or Extra Excavation Class B	1,200	SF	0.50	\$600.00
4435A	Foundation Material, Class I & II	50	TON	20.00	\$1,000.00
4440A	Pipe Zone Bedding	200	TON	20.00	\$4,000.00
4450A	Gravel Borrow, Including Haul & Compaction	100	TON	20.00	\$2,000.00
4500A	White Thermoplastic 4" Wide Lane Line	70	LF	5.00	\$350.00
4505A	Double Yellow Center Line RPM	200	LF	5.00	\$1,000.00
SCHEDULE IV A TOTAL					\$131,820.00

James Street Pump Station

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Engineer's Estimate
Kelly Casteel

TOTAL \$1,183,423.99

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT
SCHEDULE V: TRAFFIC CONTROL					
5005	Traffic Control Labor	250	HR	40.00	\$10,000.00
5015	Traffic Control Supervisor	75	HR	45.00	\$3,375.00
5020	Temporary Traffic Control Devices	1	LS	2,500.00	\$2,500.00
5030	Portable Changeable Message Sign (PCMS)	60	DAY	140.00	\$8,400.00
5035	Sequential Arrow Sign (SAS)	60	DAY	70.00	\$4,200.00
5060	Type III Barricade	4	EA	700.00	\$2,800.00
5075	Permanent Channelization	1	LS	1,000.00	\$1,000.00
5080	Temporary Pavement Marking	50	LF	5.00	\$250.00
SCHEDULE V TOTAL					\$32,525.00
SCHEDULE VI: ELECTRICAL					
6005	20 Foot High Luminaire	1	EA	5,000.00	\$5,000.00
6006	Video Surveillance Camera	4	EA	5,000.00	\$20,000.00
6007	Installation of 3/4" Diameter Conduit	300	LF	10.00	\$3,000.00
6008	Installation of 1" Diameter Conduit	200	LF	15.00	\$3,000.00
6009	Installation of 1-1/4" Diameter Conduit	50	LF	16.00	\$800.00
6010	Installation of 1-1/2" Diameter Conduit	50	LF	18.00	\$900.00
6012	Installation of 3" Diameter Conduit	50	LF	25.00	\$1,250.00
6013	Installation of 3-1/2" Diameter Conduit	75	LF	27.00	\$2,025.00
6018	Utility Trench Excavation - 2' Wide - 3' of Cover	400	LF	15.00	\$6,000.00
6021	Sand for Conduit Bedding	100	TON	25.00	\$2,500.00
6022	Bank Run Gravel for Trench Backfill	200	TON	20.00	\$4,000.00
6023	Transformer Pad	15	SY	150.00	\$2,250.00
SCHEDULE VI TOTAL					\$50,725.00
SCHEDULE VII: TEMPORARY EROSION & SEDIMENTATION CONTROL					
7005	Filter Fabric Fence	100	LF	7.00	\$700.00
7010	Wattle	200	LF	4.00	\$800.00
7015	Inlet Protection	10	EA	125.00	\$1,250.00
7020	Straw Mulch	300	SY	5.00	\$1,500.00
7025	Clear Plastic Covering	300	SY	3.00	\$900.00
7030	ESC Lead	300	HR	30.00	\$9,000.00
7055	Erosion/Water Pollution Control	1	FA	5,000.00	\$5,000.00
7060	Baker Tank	1	FA	5,000.00	\$5,000.00
7065	Sand Filtration System	1	FA	5,000.00	\$5,000.00
SCHEDULE VII TOTAL					\$29,150.00

James Street Pump Station				Engineer's Estimate Kelly Casteel	
Bid Opening: July 29, 2014, 11:00 AM					
TOTAL				\$1,183,423.99	
ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT
SCHEDULE VIII: ROADSIDE RESTORATION					
8001	Seeding, Fertilizing, & Mulching	60	SF	5.00	\$300.00
8005	Topsoil Type A	30	CF	55.00	\$1,650.00
8010	Sod Installation	60	SF	10.00	\$600.00
SCHEDULE VIII TOTAL					\$2,550.00
SUMMARY:					
SCHEDULE I TOTAL					\$150,457.50
SCHEDULE IV TOTAL					\$683,525.00
SCHEDULE IV A TOTAL					\$131,820.00
SCHEDULE V TOTAL					\$32,525.00
SCHEDULE VI TOTAL					\$50,725.00
SCHEDULE VII TOTAL					\$29,150.00
SCHEDULE VIII TOTAL					\$2,550.00
SUB TOTAL					\$1,080,752.50
9.5% SALES TAX					\$102,671.49
CONSTRUCTION CONTRACT TOTAL				\$1,183,423.99	