

Westside Water Well & Booster Pump Station - Calder Road
BID TABULATION

				W.W. Payton Corporation		Wharton-Smith, Inc.		Principal Plant Services. Ltd.	
Item No.	Item Description	Unit	Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
<u>PHASE ONE: PRELIMINARY SITE WORK & TEST HOLE</u>									
1	Clearing and Grubbing, Chipping, and Hauling off-site	LS	1	\$ 25,759.00	\$ 25,759.00	\$ 44,500.00	\$ 44,500.00	\$ 46,800.00	\$ 46,800.00
2	Fill of site as shown on the Plans and specified in the Contract Documents **If the dirt is 1 mile to 1.5 miles away from the site, If further price per CY will increase**	CY	14163	\$ 7.00	\$ 99,141.00	\$ 8.00	\$ 113,304.00	\$ 9.40	\$ 133,132.20
3	Drill Test Hole to 900 feet including all drilling logs, surveys, pumping tests, two water samples, labor, equipment, tools, supervision and materials, complete in place as specified in the Contract Documents	LS	1	\$ 250,000.00	\$ 250,000.00	\$210,121.00	\$ 210,121.00	\$ 585,000.00	\$ 585,000.00
4	Perform an additional complete microbiological, chemical and radiological analysis of water samples at location selected by the Engineer as specified in the Contract Documents	EA	1	\$ 25,000.00	\$ 25,000.00	\$ 23,000.00	\$ 23,000.00	\$ 5,850.00	\$ 5,850.00
5	Abandon and plug test hole as specified in the Contract Documents	LS	1	\$ 100.00	\$ 100.00	\$ 100.00	\$ 100.00	\$ 5,850.00	\$ 5,850.00
6	Mobilization (Max 5% of Phase One Amount)	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 20,500.00	\$ 20,500.00	\$ 32,760.00	\$ 32,760.00
TOTAL BID PHASE ONE				\$ 420,000.00		\$ 411,525.00		\$ 809,392.20	

				W.W. Payton Corporation		Wharton-Smith, Inc.		Principal Plant Services. Ltd.	
<u>PHASE TWO - BASE BID: VERTICAL TURBINE PUMP WATER WELL</u>									
1	1500 Gallon Per Minute Vertical Turbine Pump Water Well including well head, piping, pump column, 24-inch surface casing, 18-inch well screen, 18-inch blank liner, concrete slab, Ultra Mag meter, valves, testing, and all necessary appurtenances, complete and in place, as shown on the Plans and as specified in the Contract Documents	LS	1	\$ 800,000	\$ 800,000	\$709,650.00	\$ 709,650.00	\$ 1,023,867.00	\$ 1,023,867.00
2	Mobilization (Max 5% of Phase Two Amount)	LS	1	\$ 35,000	\$ 35,000	\$ 37,350.00	\$ 37,350.00	\$ 46,800.00	\$ 46,800.00
TOTAL BID PHASE TWO				\$ 835,000		\$ 747,000.00		\$ 1,070,667.00	

				W.W. Payton Corporation		Wharton-Smith, Inc.		Principal Plant Services. Ltd.	
PHASE TWO: BASE BID - ADD OR DEDUCT ITEMS									
1	Add or deduct from base bid quantities 24-inch surface casing, complete and in place, as specified in the Contract Documents	LF	25	\$ 175.00	\$ 4,375.00	\$ 175.00	\$ 4,375.00	\$ 150.00	\$ 3,750.00
2	Add or deduct from base bid quantities 32-inch underream including gravel, complete and in place, as specified in the Contract Documents	LF	25	\$ 150.00	\$ 3,750.00	\$ 150.00	\$ 3,750.00	\$ 50.00	\$ 1,250.00
3	Add or deduct from base bid quantities 18-inch blank liner, complete and in place, as specified in the Contract Documents	LF	25	\$ 50.00	\$ 1,250.00	\$ 50.00	\$ 1,250.00	\$ 100.00	\$ 2,500.00
4	Add or deduct from base bid quantities 18-inch stainless steel screen, complete and in place, as specified in the Contract Documents	LF	25	\$ 100.00	\$ 2,500.00	\$ 100.00	\$ 2,500.00	\$ 300.00	\$ 7,500.00
5	Add or deduct from base bid quantities pump column assembly, complete and in place, as specified in the Contract Documents	LF	25	\$ 88.00	\$ 2,200.00	\$ 88.00	\$ 2,200.00	\$ 120.00	\$ 3,000.00
6	Add or deduct from the base bid quantities stages of pump bowl assembly, complete in place, as specified in the Contract Documents	EA	5	\$ 2,000.00	\$ 10,000.00	\$ 2,000.00	\$ 10,000.00	\$ 2,280.00	\$ 11,400.00
7	Add or deduct from the base bid quantities motor horsepower, complete in place, as specified in the Contract Documents	EA	50	\$ 56.00	\$ 2,800.00	\$ 56.00	\$ 2,800.00	\$ 230.00	\$ 11,500.00
TOTAL BASE BID - ADD OR DEDUCT ITEMS				\$ 26,875.00		\$ 26,875.00		\$ 40,900.00	

				W.W. Payton Corporation		Wharton-Smith, Inc.		Principal Plant Services. Ltd.	
PHASE THREE: SITE WORK, LINE WORK, ELECTRICAL WORK, AND MISC.									
1	6-FT Sidewalk, 4-IN Thick, #3 Rebar 14-IN O.C., Complete in Place as shown on the plans and specified in the Contract Documents	LF	1360	\$ 35.00	\$ 47,600.00	\$ 74.00	\$ 100,640.00	\$ 60.00	\$ 81,600.00
2	Ductile Iron Water Main (Yard Piping), Above Ground or Open Cut, All Depths, All Sizes, includes all materials, fittings, joint restraints, resilient wedge gate valves, labor, supervision, bedding, backfill, trench safety, chlorination, testing, and surface restoration, as shown on the Plans and as specified in the Contract Documents	LS	1	\$ 160,000.00	\$ 160,000.00	\$117,000.00	\$ 117,000.00	\$ 245,700.00	\$ 245,700.00
3	24" RCP Storm Sewer, including, labor, supervision, materials, backfill, testing, and surface restoration, as shown on the Plans and as specified in the Contract Documents	LF	200	\$ 100.00	\$ 20,000.00	\$ 100.00	\$ 20,000.00	\$ 217.00	\$ 43,400.00
4	Type "A" Storm Inlets and appurtenances, including, labor, supervision, materials, backfill, testing, and surface restoration, as shown on the Plans and as specified in the Contract Documents	EA	2	\$ 1,500.00	\$ 3,000.00	\$ 3,500.00	\$ 7,000.00	\$ 5,650.00	\$ 11,300.00
5	Storm Sewer Manhole with grate inlet top and appurtenances, including labor, supervision, materials, backfill, testing, and surface restoration as shown on the plans and specified in the Contract Documents	EA	5	\$ 2,500.00	\$ 12,500.00	\$ 4,000.00	\$ 20,000.00	\$ 5,850.00	\$ 29,250.00
6	4-inch Sanitary Sewer and apputenenaces, including labor, supervision, materials, backfill, testing, and surface restoration as shown on the plans and specified in the Contract Documents.	LF	260	\$ 15.00	\$ 3,900.00	\$ 220.00	\$ 57,200.00	\$ 81.00	\$ 21,060.00
7	Cast-In-Place Sanitary Sewer Manhole with appurtenances, including labor, supervision, materials, backfill, testing, surface restoration, and connection to existing system as shown on the plans and specified in the Contract Documents	EA	1	\$ 3,000.00	\$ 3,000.00	\$ 28,000.00	\$ 28,000.00	\$ 10,000.00	\$ 10,000.00
8	Perimeter Chain Link Fence together with all hardware as shown on the Plans and as specified in the Contract Documents	LF	1100	\$ 30.00	\$ 33,000.00	\$ 47.00	\$ 51,700.00	\$ 56.10	\$ 61,710.00
9	Site work, grading, seeding and restoration, including all labor, supervision, and materials as shown on the Plans and as specified in the Contract Documents	AC	1.64	\$ 5,000.00	\$ 8,200.00	\$115,000.00	\$ 188,600.00	\$ 9,650.00	\$ 15,826.00
10	Pump Building with 4-500gpm pumps and chloramines	LS	1	\$ 500,000.00	\$ 500,000.00	\$695,485.00	\$ 695,485.00	\$ 646,450.00	\$ 646,450.00
11	750,000 gallon Welded Steel Ground Storage Tank with all appurtenances and Cathodic Protection System, complete in place as shown on the plans and specified in the Contract Documents.	LS	1	\$ 850,000.00	\$ 850,000.00	\$812,500.00	\$ 812,500.00	\$ 721,750.00	\$ 721,750.00
12	PAX Water Technologies Jet Mixer & Controller	EA	1	\$ 35,000.00	\$ 35,000.00	\$ 33,500.00	\$ 33,500.00	\$ 16,380.00	\$ 16,380.00
13	Permanent Generator	LS	1	\$ 140,000.00	\$ 140,000.00	\$183,500.00	\$ 183,500.00	\$ 151,047.00	\$ 151,047.00

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14	Electrical System Installation - Provide and install all workshown on plans and described in specifications including as follows: Provide and install pump control panel, lighting & receptacles, pump motor feeders and terminal boxes, electrical service equipment, autosensory controls, telephone service, and all required appurtenances as shown on the plans and as described in specifications for a complete operating system.	LS	1	\$ 530,000.00	\$ 530,000.00	\$609,600.00	\$ 609,600.00	\$ 599,625.00	\$ 599,625.00
15	Controller Programming - Include an "Allowance" for controller programming per Section 16904 - "Controller" for a Lump Sum of	LS	1	\$ 61,000.00	\$ 61,000.00	\$ 61,000.00	\$ 61,000.00	\$ 61,000.00	\$ 61,000.00
16	Electric Service - Include an "Allowance" for electric service by the local Electric Service Provider. Exact Amount will be reimbursed to Contractor upon submittal of invoice from Electric Service Provider for a Lump Sum of \$20,000.	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
17	Telephone Service - Include an "Allowance" for telephone service by the local Telephone Service Provider. Exact amount will be reimbursed to Contractor upon submittal of invoice from Telephone Service Provider. Exact amount will be reimbursed to Contractor upon submittal of invoice from Telephone Service Provider for a lump sum of \$2,500.	LS	1	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00
18	De-Mobilization	LS	1	\$ 500.00	\$ 500.00	\$ 100.00	\$ 100.00	\$ 7,605.00	\$ 7,605.00
19	SWPPP Implementation as shown on the Plans and as specified in the Contract Documents	LS	1	\$ 550.00	\$ 550.00	\$ 8,200.00	\$ 8,200.00	\$ 2,925.00	\$ 2,925.00
20	24-Foot Tall Acoustical Wall to encompass proposed water well site, complete in place	LF	775	\$ 70.00	\$ 54,250.00	\$ 153.00	\$ 118,575.00	\$ 191.00	\$ 148,025.00
21	Entrance Road	LS	1	\$ 150,000.00	\$ 150,000.00	\$ 10,000.00	\$ 10,000.00	\$ 8,892.00	\$ 8,892.00
TOTAL PHASE THREE					\$ 2,635,000.00	\$ 3,145,100.00		\$ 2,906,045.00	

PHASE ONE - PRELIMINARY SITE WORK & TEST HOLE TOTAL	\$ 420,000.00	\$ 411,525.00	\$ 809,392.20
PHASE TWO - VERTICAL TURBINE PUMP WATER WELL BASE BID TOTAL	\$ 835,000.00	\$ 747,000.00	\$ 1,070,667.00
PHASE THREE - SITE WORK, LINE WORK, ELECTRICAL WORK AND MISC. TOTAL	\$ 2,635,000.00	\$ 3,145,100.00	\$ 2,906,045.00

TOTAL BID	\$ 3,890,000.00	\$ 4,303,625.00	\$ 4,786,104.20
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TOTAL DAYS TO FINAL COMPLETION	360 DAYS	395 DAYS	270 DAYS
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Westside Water Well & Booster Pump Station
Engineer's Estimate

Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
<u>PHASE ONE: TEST HOLE</u>					
1	Drill Test Hole to specified depth including all drilling logs, surveys, pumping tests, two water samples, labor, equipment, tools, supervision and materials, complete in place as specified in the Contract Documents	L.S.	1	\$ 300,000	\$ 300,000
2	Perform an additional complete microbiological, chemical and radiological analysis of water samples at location selected by the Engineer as specified in the Contract Documents	EA.	1	\$ 5,000	\$ 5,000
3	Abandon and plug test hole as specified in the Contract Documents	L.S.	1	\$ 100	\$ 100
4	Mobilization	L.S.	1	\$ 75,000	\$ 75,000
TOTAL BID PHASE ONE					\$ 380,100

<u>PHASE TWO - BASE BID: VERTICAL TURBINE PUMP WATER WELL</u>					
1	1500 Gallon Per Minute Vertical Turbine Pump Water Well including well head, piping, meter, valves, testing, and all necessary appurtenances, complete and in place, as shown on the Plans and as specified in the Contract Documents	L.S.	1	\$ 1,000,000	\$ 1,000,000
2	Mobilization	L.S.	1	\$ 50,000	\$ 50,000
TOTAL BID PHASE TWO					\$ 1,050,000

<u>PHASE TWO: BASE BID - ADD OR DEDUCT ITEMS</u>					
1	Add or deduct from base bid quantities 24-inch surface casing, complete and in place, as specified in the Contract Documents	L.F.	20	\$ 45	\$ 900
2	Add or deduct from base bid quantities 32-inch underream including gravel, complete and in place, as specified in the Contract Documents	L.F.	20	\$ 15	\$ 300
3	Add or deduct from base bid quantities 18-inch blank liner, complete and in place, as specified in the Contract Documents	L.F.	20	\$ 30	\$ 600
4	Add or deduct from base bid quantities 18-inch stainless steel screen, complete and in place, as specified in the Contract Documents	L.F.	20	\$ 95	\$ 1,900
5	Add or deduct from base bid quantities pump column assembly, complete and in place, as specified in the Contract Documents	L.F.	20	\$ 100	\$ 2,000
TOTAL BASE BID - ADD OR DEDUCT ITEMS					\$ 5,700

<u>PHASE THREE: SITE WORK, LINE WORK, AND MISC.</u>					
1	Clearing and Grubbing, Chipping, and Hauling off-site	LS	1	\$ 35,000	\$ 35,000
2	Welded Steel or Ductile Iron Water Main (Yard Piping), Above Ground or Open Cut, All Depths, All Sizes, includes all materials, fittings, joint restraints, resilient wedge gate valves, labor, supervision, bedding, backfill, trench safety, chlorination, testing, and surface restoration, as shown on the Plans and as specified in the Contract Documents	L.S.	1	\$ 350,000	\$ 350,000
3	24" RCP Storm Sewer, including, labor, supervision, materials, backfill, testing, and surface restoration, as shown on the Plans and as specified in the Contract Documents	L.F.	200	\$ 110	\$ 22,000
4	Type "A" Storm Inlets and appurtenances, including, labor, supervision, materials, backfill, testing, and surface restoration, as shown on the Plans and as specified in the Contract Documents	EA	2	\$ 5,000	\$ 10,000
5	Perimeter Chain Link Fence together with all hardware as shown on the Plans and as specified in the Contract Documents	LF	1100	\$ 20	\$ 22,000
6	Site work, grading, seeding and restoration, including all labor, supervision, and materials as shown on the Plans and as specified in the Contract Documents	AC	1.64	\$ 4,000	\$ 6,560
7	Fill of site as shown on the Plans and specified in the Contract Documents **If the dirt is 1 mile to 1.5 miles away from the site, If further price per CY will increase**	CY	14163	\$ 10	\$ 141,630
8	Pump Building with 4-500gpm pumps and chloramines	L.S.	1	\$ 400,000	\$ 400,000
9	750,000 Ground Storage Tank with all appurtenances, complete in place	LS	1	\$ 800,000	\$ 800,000
10	PAX Water Technologies Jet Mixer & Controller	EA	1	\$ 30,000	\$ 30,000
11	Permanent Generator	EA	1	\$ 200,000	\$ 200,000
TOTAL BID PHASE THREE					\$ 2,017,190

<u>MISCELLANEOUS</u>					
1	De-Mobilization	L.S.	1	\$ 6,000	\$ 6,000
2	SWPPP Implementation (11 months) as shown on the Plans and as specified in the Contract Documents	MONTH	11	\$ 500	\$ 5,500
3	Furnish and install ALL electrical equipment, including labor, supervision, materials, and testing as shown on the Plans and as specified in the Contract Documents	L.S.	1	\$ 360,000	\$ 360,000
4	24-Foot Tall Acoustical Wall to encompass proposed water well site, complete in place	LF	620	\$ 200	\$ 124,000
5	Entrance Road	LS	1	\$ 8,250	\$ 8,250
TOTAL MISCELLANEOUS					\$ 503,750

PHASE ONE - TEST HOLE TOTAL BID **\$ 380,100**

PHASE TWO - VERTICAL TURBINE PUMP TOTAL BASE BID **\$ 1,050,000**

PHASE THREE - SITE WORK, LINE WORK AND MISC. TOTAL BID **\$ 2,520,940**

TOTAL PHASE ONE, TWO AND THREE **\$ 3,951,040**