

BARNEY FARMS - School Parcel Improvement Costs

Queen Creek Road & Signal Butte Road
Queen Creek, AZ

Prepared Date: September 21st, 2018

	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL</u>
20000 - ENGINEERING					
	Engineering	LS	1	\$ 5,000.00	\$ 5,000.00
	Total Engineering				\$ 5,000.00
20250- CONSTRUCTION MANAGEMENT					
	Engineer of Record	LS	1	\$ 3,000.00	\$ 3,000.00
	Total Construction Management				\$ 3,000.00
20500- PLAN REVIEW FEES					
	Plan Reviews	LS	1	\$ 2,500.00	\$ 2,500.00
	Total Plan Review Fees				\$ 2,500.00
30250 - PERMIT FEES					
	Improvements	LS	3%	\$ 369,087.19	\$ 11,072.62
	Total Permit Fees				\$ 11,072.62
30500 - CONSTRUCTION TESTING					
	Construction Testing	LS	60	\$ 100.00	\$ 6,000.00
	Total Construction Testing				\$ 6,000.00
30750 - SURVEY					
	Survey	HR	60	\$ 125.00	\$ 7,500.00
	Total Survey				\$ 7,500.00
40000 - GRADING					
	Rough Grading - Cut	CY	6,580	\$ 2.50	\$ 16,450.00
	Final Grading	EA	0	\$ -	\$ -
	Total Grading				\$ 16,450.00
40750 - SEWER					
	10" PVC Sewerline	LF	510	\$ 40.00	\$ 20,400.00
	8" PVC Sewerline - Subdivision	LF	0	\$ 28.00	\$ -
	Manholes (4')	EA	0	\$ 2,600.00	\$ -
	Manholes (5') - Polymer	EA	1	\$ 11,000.00	\$ 11,000.00
	Hydrovac after Installation	LF	510	\$ 1.00	\$ 510.00
	Camera Test after Installation	LS	510	\$ 0.50	\$ 255.00
	Total Sewer				\$ 32,165.00
50000 - WATER					
	12" DIP Waterline	LF	0	\$ 85.00	\$ -
	12" PVC Waterline	LF	920	\$ 50.00	\$ 46,000.00
	8" DIP Waterline	LF	0	\$ 40.00	\$ -
	8" PVC Waterline	LF	427	\$ 28.00	\$ 11,956.00
	12" Valve, Box and Cover	EA	3	\$ 2,600.00	\$ 7,800.00
	8" Valve, Box and Cover	EA	2	\$ 1,300.00	\$ 2,600.00
	Fire Hydrants, Complete	EA	3	\$ 4,000.00	\$ 12,000.00
	Total Water				\$ 80,356.00
50500 - STORM DRAIN					
	18" HDPE	LF	195	\$ 46.00	\$ 8,970.00
	24" RGRCP	LF	0	\$ 55.00	\$ -
	30" RGRCP	LF	0	\$ 60.00	\$ -
	36" RGRCP	LF	0	\$ 65.00	\$ -
	Storm Drain Manholes	EA	0	\$ 2,500.00	\$ -
	Rip Rap Rock for Erosion Control	SY	0	\$ -	\$ -
	Total Storm Drain				\$ 8,970.00

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60000 - CONCRETE					
	Removals	LS	0	\$ -	\$ -
	6" Vert Curb	LF	1,687	\$ 8.00	\$ 13,496.00
	6" Roll Curb	LF	0	\$ 7.85	\$ -
	Sidewalk 4'	SF	3,724	\$ 2.30	\$ 8,565.20
	Sidewalk 5' Detached	SF	5,166	\$ 2.45	\$ 12,656.70
	Sidewalk 6'	SF	0	\$ 2.45	\$ -
	Ramp 231-A	EA	0	\$ 350.00	\$ -
	Ramp 233-C	EA	0	\$ 350.00	\$ -
	Truncated Domes (16sf each)	SF	0	\$ 28.80	\$ -
	Apron	SF	0	\$ 8.00	\$ -
	Valley Gutter 8'	SF	0	\$ 8.00	\$ -
	Catch Basin 530-A	EA	2	\$ 3,000.00	\$ 6,000.00
	Catch Basin 532-C	EA	0	\$ 3,500.00	\$ -
	Headwall 24" Pipe U-Type 501-1 Mod	EA	0	\$ 2,200.00	\$ -
	Repairs	LS	10%	\$ 34,717.90	\$ 3,471.79
	Total Concrete				\$ 44,189.69
60500 - DRYWELLS					
	Drywell - Maxwell Type IV - Single Chamber	EA	0	\$ 8,500.00	\$ -
	Adjustment Rings (Two 4" Rings)	EA	0	\$ 225.00	\$ -
	BlockOut	EA	0	\$ 275.00	\$ -
	Concrete Pad	EA	0	\$ 800.00	\$ -
	Drywell Registration	EA	0	\$ 200.00	\$ -
	Perc Test	EA	0	\$ 650.00	\$ -
	Total Drywell				\$ -
60750 - DRY UTILITIES					
	Trenching, Shading and Backfilling	LF	1,687	\$ 3.50	\$ 5,904.50
	Feeder on Arterial/Collector Roads (6 Pack)	LF	861	\$ 8.00	\$ 6,888.00
	3" Conduit Supply and Install	LF	0	\$ 2.25	\$ -
	2 1/2" Conduit Supply and Install	LF	1,652	\$ 2.00	\$ 3,304.00
	Conduit Stub up at Transformer and Trans Pad	EA	1	\$ 400.00	\$ 400.00
	Conduit Stub up at Switch and Fuse and Pull Boxes	EA	2	\$ 600.00	\$ 1,200.00
	Pull Boxes	EA	1	\$ 800.00	\$ 800.00
	J-Boxes for St Lt, Supply and Install	EA	8	\$ 150.00	\$ 1,200.00
	Sono Tubes for St Lt, Supply and Install	EA	8	\$ 160.00	\$ 1,280.00
	SRP Common Arae Lights - Concrete Bases	EA	0	\$ 950.00	\$ -
	Total Dry Utilities				\$ 20,976.50
70750 - STREET LIGHTS					
	100W, 9500 Lumen, 32' poles - Subdivision	EA	4	\$ 1,400.00	\$ 5,600.00
	150W, 16,000 Lumen, 35' poles - Arterial / Collectors	EA	4	\$ 2,700.00	\$ 10,800.00
	Street Light Concrete Bases (included in Dry Utilities)	EA	0	\$ -	\$ -
	Sono Tubes (included in Dry Utilities)	EA	4,200	\$ -	\$ -
	Junction Boxes (included in Dry Utilities)	EA	4,200	\$ -	\$ -
	Total Street Lights				\$ 58,353.00
70250 - PAVING					
	2.5" AC over 7" ABC	SY	1,232	\$ 18.00	\$ 22,176.00
	4" AC over 12" ABC	SY	3,681	\$ 26.00	\$ 95,706.00
	Thicken Edge	LF	860	\$ 3.50	\$ 3,010.00
	Total Paving				\$ 120,892.00

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70500 - ADJUSTMENTS					
	Lower Manholes & Valves	EA	6	\$ 65.00	\$ 390.00
	Adjust Manholes	EA	1	\$ 325.00	\$ 325.00
	Adjust Storm Drain Manholes	EA	0	\$ 325.00	\$ -
	Adjust Water Valves in Asphalt	EA	5	\$ 300.00	\$ 1,500.00
	Fire Hydrant Markers	EA	3	\$ 30.00	\$ 90.00
	Survey Monuments Type 'B'	EA	2	\$ 140.00	\$ 280.00
	Survey Monuments Type 'A'	EA	2	\$ 300.00	\$ 600.00
	Street Sign Poles	EA	0	\$ 200.00	\$ -
	Street Signs	EA	0	\$ 140.00	\$ -
	Striping	LF	0	\$ 2.00	\$ -
	Total Adjustments				\$ 3,185.00
80250 - WALLS & MONUMENTS					
	Project Theme Wall	LF	0	\$ 56.00	\$ -
	Project Theme Column	EA	0	\$ 2,600.00	\$ -
	Secondary Theme Wall	LF	408	\$ 54.00	\$ 22,032.00
	Secondary Theme Column	EA	2	\$ 1,600.00	\$ 3,200.00
	Builder Wall	LF	0	\$ 35.00	\$ -
	Total Walls & Monuments				\$ 25,232.00
90750 - CONTINGENCY					
	Contingency - Grading, Sewer, Water, Strom Drain	OF	5%	\$ 385,537.19	\$ 19,276.86
	Dry Util, St Lts, Drywells, Con, Pav, Adj				
	Total Contingency				\$ 19,276.86
	Total				\$ 406,765.67