

QUARRY IMPROVEMENTS (PRIVATE)
BID FORM
NOTE: QUANTITIES ARE PROVIDED FOR REFERENCE ONLY. CONTRACTOR RESPONSIBLE FOR QUANTITY CONFIRMATION.

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
	STREET IMPROVEMENTS			SUBTOTAL:	\$ -
1.	Clearing	AC	3.5	\$	-
2.	Drive Excavation	CY	14,483	\$	-
3.	Drive Embankment	CY	8,758	\$	-
4.	Stockpile Excess Material	CY	85,873	\$	-
5.	Private Drive (30' Width)				
6.	a. 3" Type "D" HMAC	SY	9,825	\$	-
7.	b. 17" Crushed Limestone Base	SY	11,011	\$	-
8.	c. Lime Treated Subgrade	SY	11,011	\$	-
9.	Private Drive (36' Width - Warrior Way)				
10.	a. 4.0" Type "D" HMAC	SY	5,810	\$	-
11.	b. 15" Crushed Limestone Base	SY	6,507	\$	-
12.	c. Lime Treated Subgrade	SY	6,507	\$	-
13.	7" Standard Concrete Curb	LF	2,908	\$	-
14.	6' Chainlink Fence	LF	1,846	\$	-
15.	Header Curb	LF	5,924	\$	-
16.	6' Sidewalk	SY	812	\$	-
17.	TPDES	LS	1	\$	-
	DRAINAGE IMPROVEMENTS			SUBTOTAL:	\$ -
	Drain A				
18.	6" Concrete Rip-Rap	SY	74	\$	-
19.	Channel Revegetation (Hydromulching)	SY	394	\$	-
20.	9"-12" Rock Rubble	SY	22	\$	-
21.	Channel Excavation	CY	860	\$	-
22.	Channel Embankment	CY	115	\$	-
	Drain B				
23.	6" Concrete Rip-Rap	SY	83	\$	-
24.	Channel Revegetation (Hydromulching)	SY	664	\$	-
25.	9"-12" Rock Rubble	SY	34	\$	-
26.	Channel Excavation	CY	1,450	\$	-
27.	Channel Embankment	CY	418	\$	-
	Drain C				
28.	42" CMP	LF	398	\$	-
29.	Reinforced Concrete Class 'A'			\$	-
30.	a. Headwall	CY	36	\$	-
31.	b. Baffle Blocks	CY	6	\$	-
32.	Channel Revegetation (Hydromulching)	SY	244	\$	-
33.	9"-12" Rock Rubble	SY	31	\$	-
34.	Channel Excavation	CY	2,026	\$	-
35.	Channel Embankment	CY	126	\$	-
	Drain D				
36.	(5) - 7'X4' MBC	LF	100	\$	-
37.	Reinforced Concrete Class 'A'			\$	-
38.	a. Headwall	CY	86	\$	-
39.	b. Baffle Blocks	CY	20	\$	-
40.	6" Concrete Rip-Rap	SY	457	\$	-
41.	9"-12" Rock Rubble	SY	83	\$	-
42.	Pipe Railing	LF	200	\$	-
43.	Channel Revegetation (Hydromulching)	SY	200	\$	-
	Basin Improvements				
44.	Retention Basin Excavation	CY	49,908	\$	-
45.	WPAP Earthen Batch Detention Basin Excavation	CY	846	\$	-
46.	WPAP Earthen Batch Detention Basin Embankment	CY	653	\$	-
47.	WPAP Earthen Batch Detention Controls	LS	1	\$	-
	GRAND TOTAL			\$	-

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	ONSITE STREET IMPROVEMENTS			SUBTOTAL:	\$ -
1.	Mobilization	LS	1	\$	-
2.	Clearing	AC	1	\$	-
3.	Demo Existing Pavement at Bridge	SY	2,075	\$	-
4.	Demo Conveyor Pedestals	LS	1	\$	-
5.	Demo Existing Boulders	LS	1	\$	-
6.	Street Excavation	CY	31,824	\$	-
7.	Street Embankment	CY	5,454	\$	-
8.	Collector Section (Warrior Way)				
9.	a. 4.0" Type "D" HMAC	SY	2,890	\$	-
10.	b. 15" Crushed Limestone Base	SY	3,237	\$	-
11.	c. Lime Treated Subgrade	SY	3,237	\$	-
12.	Local C Section (Cornerstone Way)				
13.	a. 4.0" Type "D" HMAC	SY	9,153	\$	-
14.	b. 15" Crushed Limestone Base	SY	10,251	\$	-
15.	c. Lime Treated Subgrade	SY	10,251	\$	-
16.	6' Sidewalk	SY	1,868	\$	-
17.	12' Sidewalk	SY	3,856	\$	-
18.	7" Standard Concrete Curb	LF	5,954	\$	-
19.	Concrete Safety Barrier and Fence	LF	1,166	\$	-
20.	Tie to Existing Bridge	EA	2	\$	-
21.	ADA Ramps	EA	14	\$	-
22.	Signage	LS	1	\$	-
23.	Striping	LS	1	\$	-
24.	TPDES	LS	1	\$	-
	SHAVANO RANCH ROAD TURN LANE IMPROVEMENTS			SUBTOTAL:	\$ -
25.	3.0" Type "D" HMAC	SY	436	\$	-
26.	8.0" Type "B" HMAC	SY	436	\$	-
27.	Demo Existing Sidewalk and Curb	SY	256	\$	-
28.	6' Sidewalk	SY	195	\$	-
29.	7" Curb	LF	329	\$	-
30.	Signage and Striping	LS	1	\$	-
31.	Sawcut/Tie to existing Shavano Ranch Road	LS	1	\$	-
32.	Traffic Control	LS	1	\$	-
	DRAINAGE IMPROVEMENTS			SUBTOTAL:	\$ -
33.	Drain E				
34.	Reinforced Concrete Class 'A'			\$	-
35.	a. Sidewalk Box	CY	4	\$	-
36.	6" Concrete Rip-Rap	SY	11	\$	-
37.	9"-12" Rock Rubble	SY	6	\$	-
38.	Pipe Railing	LF	9.5	\$	-
39.	Channel Revegetation (Hydromulching)	SY	7	\$	-
	WATER IMPROVEMENTS			SUBTOTAL:	\$ -
40.	12" PVC Pipe (C900 Class 235 DR 18)	LF	3,281	\$	-
41.	16" PVC Pipe (C900 Class 235 DR 18)	LF	3,140	\$	-
42.	12" Gate Valve, MJ w/ Valve Box	EA	2	\$	-
43.	12" Division Valve, MJ w/ Valve Box	EA	6	\$	-
44.	16" Gate Valve, MJ w/ Valve Box	EA	5	\$	-
45.	Standard Fire Hydrant Assembly	EA	11	\$	-
46.	Ductile Iron Fittings	Ton	6	\$	-
47.	2" Blow-Off Assembly (Temp)	EA	2	\$	-
48.	3/4" Irrigation with 5/8" Meter	EA	1	\$	-
49.	2 ~ 4" Conduits for Irrigation	LF	321	\$	-
50.	Joint Restraints	LS	1	\$	-
51.	Chlorination	LS	1	\$	-

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ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
52.	Hydrostatic Testing	LS	1		\$ -
53.	Trench Excavation Protection	LF	6,421		\$ -
	30" WATER MAIN RELOCATION			SUBTOTAL:	\$ -
54.	30" PVC Pipe	LF	120		\$ -
55.	Demo Existing 30" Pipe	LF	120		\$ -
56.	Tie to Existing Main	LS	2		\$ -
	GRAND TOTAL				\$ -
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ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
	Pressure Reducing Valve Construction			SUBTOTAL:	\$ -
1.	Concrete Pad (SCADA Tower, PRV Assembly, Electric Controls Panel)	CY	19	\$	-
2.	SWPPP	LS	1	\$	-
3.	Trench Excavation Safety Protection	LF	1,046	\$	-
4.	12" Ductile Iron Water Main	LF	1,009	\$	-
5.	6" Steel Water Main	LF	38	\$	-
6.	8" Steel Water Main	LF	32	\$	-
7.	12" Steel Water Main	LF	10	\$	-
8.	6" Gate Valve, M.J. w/ Valve Box	EA	4	\$	-
9.	8" Gate Valve, M.J. w/ Valve Box	EA	4	\$	-
10.	12" Gate Valve, M.J. w/ Valve Box	EA	8	\$	-
11.	12" Division Valve, M.J. w/ Valve Box	EA	2	\$	-
12.	12" Cut In Tee, M.J.	EA	4	\$	-
13.	Ductile Iron Fittings	TON	2	\$	-
14.	Hydrostatic Testing	EA	2	\$	-
15.	2" Temporary Blow-off assembly	EA	2	\$	-
16.	8' Security Fence w/ 3-strand Barbed Wire	LF	211	\$	-
17.	3'-6" Wide Personnel Gate	EA	1	\$	-
18.	2" Air Release Valve Assembly	EA	2	\$	-
19.	16' Wide Double Swing Gate	EA	1	\$	-
20.	Removable Steel Bollard (SAWS Standard Detail DD-905-01)	EA	10	\$	-
21.	4" Pressure Reducing Valve (Complete)	LS	2	\$	-
22.	8" Pressure Reducing Valve (Complete)	LS	2	\$	-
23.	PRV Accessories (Complete) (Includes Flowmeter, Gauges, Blow-offs, Etc.)	LS	2	\$	-
24.	Instrumentation & Controls (Complete)	LS	1	\$	-
25.	Electrical Materials, Lighting, Controls, CPS Electrical Connection Fee	LS	1	\$	-
26.	SCADA Tower Installation (Complete)	LS	1	\$	-
27.	Gravel Subgrade Filler	CY	49	\$	-
28.	Portland Cement Concrete Driveway - Commercial	SY	365	\$	-
29.	Filter Fabric	SY	495	\$	-
30.	CPS Energy Allowance	ALW	1	\$	-
	GRAND TOTAL			\$	-

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ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
	Lift Station & Gravity Main Construction			SUBTOTAL:	\$ -
1.	Wetwell (Complete)	EA	1	\$	-
2.	Pumps and Accessories (Triplex - 1 Lead, 1 Lag, 1 Standby)	EA	2	\$	-
3.	Lift Station DI Piping and Valves	LS	1	\$	-
4.	Blower & Aeration Equipment	LS	1	\$	-
5.	Concrete foundations (Wetwell, Header Pad, Generator, Control Panel, SCADA	LS	1	\$	-
6.	3/4" Water Service and Spigot	LS	1	\$	-
7.	Electrical Material, Controls, Generator, SCADA, Lighting, etc.	LS	1	\$	-
8.	Chainlink Fencing & Gates (w/mowstrip)	LF	432	\$	-
9.	2" HMA Lift Station Site & Driveway Paving	SY	1,650	\$	-
10.	8" Flex Base (Lift Station Site & Driveway Paving)	SY	1,650	\$	-
11.	6" LS Concrete Apron & 2" Flex Base-DNI All Weather Road	LS	1	\$	-
12.	Site Excavation and Grading	LS	1	\$	-
13.	Onsite Lift Station Manholes	EA	1	\$	-
14.	Extra Depth Onsite Lift Station Manholes	VF	9	\$	-
15.	Lift Station Testing	LS	1	\$	-
16.	8-inch (SDR 26) PVC Sanitary Sewer Main (All Depths)	LF	127	\$	-
17.	Tie Gravity Main to Existing MH	LS	1	\$	-
18.	Trench Protection - Wetwell	LS	1	\$	-
19.	Trench Protection - Gravity Mains	LF	127	\$	-
20.	Erosion Control - Lift Station & Gravity Main	LS	1	\$	-
	Force Main Construction			SUBTOTAL:	\$ -
21.	4-inch HDPE Dual Force Main (DIPS, DR 11, Class 200) Open Cut	LF	4,428	\$	-
22.	Tie to Existing MH	EA	1	\$	-
23.	Force Main Testing	LS	1	\$	-
24.	Trench Protection (Dual FM-Single Trench)	LF	2,214	\$	-
25.	Erosion Control	LF	2,160	\$	-
26.	Revegetation	SY	4,275	\$	-
	GRAND TOTAL			\$	-

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ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
	FM 1535 Signaling			SUBTOTAL:	\$ -
100.1	Mobilization	LS	1	\$	-
100.2	Insurance And Bond	LS	1	\$	-
308.36	Drilled Shafts (36")	LF	39	\$	-
500.1	Concrete Curb	LF	47	\$	-
502.1	Concrete Sidewalks (4 In)	SY	40	\$	-
502.11	Cosa Type 1 Curb Ramp	EA	4	\$	-
502.12	Cosa Type 2 Curb Ramp	EA	2	\$	-
530.1	Barricades, Signs, And Traffic Handling	LS	1	\$	-
531.46	W3-3 Signal Ahead (30" X 30")(High Intensity)	EA	1	\$	-
531.98	Remove Sign	EA	1	\$	-
533.1	Eliminate Existing Pavement Markings (4 In)	LF	70	\$	-
533.2	Eliminate Existing Pavement Markings (8 In)	LF	22	\$	-
533.4	Eliminate Existing Pavement Markings (24 In)	LF	90	\$	-
533.5	Eliminate Existing Pavement Markers (Type I-C)	EA	2	\$	-
533.6	Eliminate Existing Pavement Markers (Type li-Aa)	EA	10	\$	-
533.7	Eliminate Existing Median Nose Marking	EA	1	\$	-
535.1	4 Inch Wide Yellow Line	LF	400	\$	-
535.12	Word "Only"	EA	2	\$	-
535.23	Yellow Median Nose	EA	1	\$	-
535.32	12 Inch Wide Black Line (Solid)	LF	600	\$	-
535.4	8 Inch Wide White Line	LF	125	\$	-
535.7	24 Inch Wide White Line	LF	395	\$	-
535.8	Right White Arrow	EA	2	\$	-
535.9	Left White Arrow	EA	2	\$	-
537.6	Traffic Button (Type I-C)	EA	7	\$	-
537.8	Traffic Button (Type li-A-A)	EA	22	\$	-
615.1	Traffic Signal Controller Assembly (Type 332)	EA	1	\$	-
618.1	Conduit (2 Inch/Pvc Schedule 40)	LF	70	\$	-
618.2	Conduit (3 Inch/Pvc Schedule 40)	LF	235	\$	-
618.4	Conduit (2 Inch/Pvc Schedule 40)(Bore)	LF	395	\$	-
618.5	Conduit (3 Inch/Pvc Schedule 40)(Bore)	LF	785	\$	-
620.1	Electrical Conductors (No. 6)(Bare)	LF	15	\$	-
620.2	Electrical Conductors (No. 8)(Bare)	LF	1,150	\$	-
620.3	Electrical Conductors (No. 6)(Insulated)	LF	25	\$	-
621.1	Tray Cable (12 Awg) (3 Conductor)	LF	460	\$	-
624.8	Ground Boxes Type D (162922) With Apron	EA	4	\$	-
628.1	Electric Service (Type D) (120/240v)	EA	1	\$	-
633.1	Battery Backup System	EA	1	\$	-
636.1	Aluminum Signs	SF	7	\$	-
655.1	Type 332 Controller Foundation	EA	1	\$	-
680.1	Installation Of Highway Traffic Signals (Isolated)	EA	1	\$	-
680.3	Astro-Brac Mast Arm Wind Damper Assembly	EA	2	\$	-
682.1	Install Vehicle Signal Section With Back Plate (12 Inch)(3 Section)	EA	6	\$	-
682.2	Install Vehicle Signal Section With Back Plate (12 Inch)(4 Section)	EA	2	\$	-
682.4	Install Pedestrian Signal Section (12 Inch) Led (2 Ind)	EA	6	\$	-
684.13	Traffic Signal Cables (Type A) (16 Awg) (3 Conductor) (Stranded)	LF	630	\$	-
684.14	Traffic Signal Cables (Type A) (14 Awg) (4 Conductor)	LF	500	\$	-

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ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
684.19	Traffic Signal Cables (Type A) (14 Awg) (9 Conductor)	LF	1,825		\$ -
686.136	Install Traf. Signal Pole Assem. (Single 36' Ma) IIsn & Lum	EA	1		\$ -
686.14	Install Traf. Signal Pole Assem. (Single 40' Ma) IIsn & Lum	EA	1		\$ -
686.148	Install Traf. Signal Pole Assem. (Single 48' Ma) IIsn & Lum	EA	1		\$ -
687.1	Pedestal Pole Assembly	EA	6		\$ -
688.3	Audible Pedestrian Signal Units (2 In Tactile Push Btn And Sign)	EA	6		\$ -
693.8	Install Internally Lighted Street Name Sign (Double Sided) (Led) (6 Ft)	EA	3		\$ -
696.01	Radar Advance Detector	EA	2		\$ -
696.02	Radar Presence Detector	EA	3		\$ -
696.03	Radar Advance Detection Device Communication And Power Cable	LF	400		\$ -
696.04	Radar Presence Detection Device Communication And Power Cable	LF	600		\$ -
8100.1	Install Its Traffic Monitoring Camera Assembly	EA	1		\$ -
8100.2	Install Its Traffic Monitoring Camera Cabling	LF	105		\$ -
308.24*	Drill Shafts (24 In)	LF	36		\$ -
GRAND TOTAL					\$ -

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ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
	TxDOT Re-Striping: NW Military Hwy			SUBTOTAL:	\$ -
1.	Exisitng Striping to be removed	LS	1		\$ -
2.	6" Double Yellow Line with Pavement Markers	LF	2,940		\$ -
3.	8" Solid White Line with Pavement Markers	LF	200		\$ -
4.	4" Solid White Edge Line	LF	1,457		\$ -
5.	White Left Arrow	EA	2		\$ -
6.	White Word "ONLY"	EA	2		\$ -
	GRAND TOTAL				\$ -

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