



Project Name: **ORCHARD MEADOWS - PHASE 6**
 Project Number: **LIFT STATION - 12-0654.7**
 Owner: **YASMEEN DREAM, LLC**
 Date: **June 10, 2019**
 Completed By/Reviewed By: **MS**

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST

ITEM NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	UNIT COST	EXTENDED TOTAL
GENERAL					
100	MOBILIZATION	1	LS	\$ 20,000.00	\$ 20,000.00
101	MATERIAL TESTING	1	LS	\$ 5,000.00	\$ 5,000.00
102	CONSTRUCTION STAKING	1	LS	\$ 5,000.00	\$ 5,000.00
103	TRAFFIC CONTROL	1	LS	\$ 2,000.00	\$ 2,000.00
LIFT STATION SITE IMPROVEMENTS					
200	ASPHALT, CLASS G, TYPE 1 PG64-28	26	TONS	\$ 95.00	\$ 2,470.00
201	AGGREGATE BASE COURSE	48	TONS	\$ 19.00	\$ 912.00
202	18 FT WIDE REINFORCED DRIVEWAY APPROACH	1	EA	\$ 2,000.00	\$ 2,000.00
203	4" GRAVEL SURFACING	89	TONS	\$ 20.00	\$ 1,780.00
204	CONCRETE SIDEWALK, 4" NON-REINFORCED w/ 2" CUSHION	51	SY	\$ 50.00	\$ 2,550.00
205	6 FT HIGH CHAIN LINK FENCE	224	LF	\$ 25.00	\$ 5,600.00
206	6 FT HIGH 18 FT WIDE SLIDING GATE	1	EA	\$ 1,500.00	\$ 1,500.00
LIFT STATION					
300	FURNISH WET WELL, 84" DIA CONCRETE MANHOLE WITH PRECAST LID & ACCESS HATCH	1	EA	\$ 18,000.00	\$ 18,000.00
301	INSTALL WET WELL	1	LS	\$ 15,000.00	\$ 15,000.00
302	FURNISH VALVE MANHOLE, 72" DIA CONCRETE MANHOLE WITH PRECAST LID & ACCESS HATCH	1	EA	\$ 10,000.00	\$ 10,000.00
303	INSTALL VALVE MANHOLE	1	LS	\$ 8,000.00	\$ 8,000.00
304	FURNISH (2) 15 HP PULL-UP SUBMERSIBLE PUMPS, RAIL SYSTEMS, CABLES, AND APPURTENANCES	1	LS	\$ 30,000.00	\$ 30,000.00
305	TELEMETRY - CONTROLS, (2) MAGNETIC FLOW METERS & INSTRUMENTATION	1	LS	\$ 25,000.00	\$ 25,000.00
306	CONTROL BUILDING, WET WELL, AND VALVE MANHOLE ELECTRICAL	1	LS	\$ 15,000.00	\$ 15,000.00
307	PRESSURE GAUGES	2	EA	\$ 3,500.00	\$ 7,000.00
308	INSTALL PUMP AND CONTROL PANEL	1	LS	\$ 20,000.00	\$ 20,000.00
309	10" PVC SEWER MAIN	8	LF	\$ 55.00	\$ 440.00
310	6" DI PIPE, BENDS, WYE, REDUCER AND APPURTENANCES	1	LS	\$ 5,500.00	\$ 5,500.00
311	6" SWING CHECK VALVE	2	EA	\$ 2,000.00	\$ 4,000.00
312	6" PLUG VALVE	2	EA	\$ 2,000.00	\$ 4,000.00
313	3" SCH 40 PVC DRAIN PIPE & 3" FLOOR DRAIN	1	LS	\$ 1,000.00	\$ 1,000.00
314	3" STAINLESS STEEL BALL VALVE	1	EA	\$ 1,000.00	\$ 1,000.00
315	DAVIT CRANE & BASE	2	EA	\$ 3,000.00	\$ 6,000.00
316	PREFABRICATED CONTROL BUILDING & FOUNDATION	1	EA	\$ 20,000.00	\$ 20,000.00
317	NATURAL GAS GENERATOR	1	EA	\$ 15,000.00	\$ 15,000.00

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ITEM NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	UNIT COST	EXTENDED TOTAL
FORCE MAIN					
400	6" PVC FORCE MAIN, C-900, CLASS 150	1743	LF	\$ 25.00	\$ 43,575.00
401	6" 22.5 DEGREE BEND	3	EA	\$ 600.00	\$ 1,800.00
402	6" 45 DEGREE BEND	5	EA	\$ 600.00	\$ 3,000.00
SANITARY SEWER					
500	8" PVC SEWER MAIN	369	LF	\$ 30.00	\$ 11,070.00
501	48" SANITARY SEWER MANHOLE	1	EA	\$ 4,400.00	\$ 4,400.00
502	CONNECT TO EXISTING SANITARY MAIN	1	EA	\$ 3,000.00	\$ 3,000.00
LIFT STATION GRADING & MISCELLANEOUS					
600	UNCLASSIFIED EXCAVATION	1	LS	\$ 30,000.00	\$ 30,000.00
601	MUCK EXCAVATION/DEWATERING	1	LS	\$ 25,000.00	\$ 25,000.00
602	TYPE 1 GRANULAR BACKFILL	79	TONS	\$ 22.00	\$ 1,738.00
603	TYPE 3 FOUNDATION MATERIAL	41	TONS	\$ 25.00	\$ 1,025.00
TOTAL CONSTRUCTION COSTS					\$ 378,360.00

Design Costs \$ 50,000.00
 Contingency \$ 37,836.00

Total Project Costs \$ 466,196.00

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