

ENGINEERS ESTIMATE OF PROBABLE CONSTRUCTION COSTS
ALLIANCE REDWOODS WATER CONSERVATION PROJECT
PHASE 1
May 13, 2021

No.	Description	Quantity	Unit	Unit Cost	Estimated Cost
1	NPW Transfer Pumps - 1.5 HP EA	2	EA	\$ 3,600	\$ 7,200
2	NPW Duplex Transfer Pump Control and Telemetry	1	LS	\$ 12,000	\$ 12,000
3	NPW Transfer Pump Station Piping Improvements	1	LS	\$ 12,000	\$ 12,000
4	Pressure Tank Replacement	1	LS	\$ 2,400	\$ 2,400
BID ITEM NO. 1: NON-POTABLE WATER SYPPLY IMPROVEMENTS SUB-TOTAL					\$ 33,600
5	Creek Crossing Piping Replacement	500	LF	\$ 60	\$ 30,000
BID ITEM NO. 2: NON-POTABLE WATER PIPELINE SUB-TOTAL					\$ 30,000
6	Irrigation Water Storage Day Tank - 5,000 gallon	1	LS	\$ 12,000	\$ 12,000
7	Irrigation Tank Concrete Slab	10	CY	\$ 850	\$ 8,500
8	Duplex Irrigation Pump Station - 5 HP EA.	1	LS	\$ 12,000	\$ 12,000
9	Ball Field Electrical Distribution Panel	1	LS	\$ 10,000	\$ 10,000
10	Ball Field Irrigation Electrical and Controls	1	LS	\$ 20,000	\$ 20,000
13	Ball Field Irrigation System - piping, valves and heads	1	LS	\$ 73,800	\$ 73,800
BID ITEM NO. 3: NON-POTABLE WATER IRRIGATION SYSTEM SUB-TOTAL					\$ 136,300
11	Ball Field Grading and Soil Conditioning	1	LS	\$ 60,000	\$ 60,000
12	Ball Field Turf Surface (Delta Bluegrass/Fescue Sod)	8,500	SF	\$ 3	\$ 25,500
BID ITEM NO. 4: BALL FIELD TURF RESTORATION SUB-TOTAL					\$ 85,500
14	3" PVC Water Main to Alliance - in Pavement	792	LF	\$ 110	\$ 88,000
15	3" PVC Water Main to Alliance - in Native Soil or Gravel Drive	624	LF	\$ 90	\$ 57,000
16	3" PVC Water Main to Alliance - Directional Drilling	70	LF	\$ 480	\$ 34,000
17	3" PVC Water Main to Alliance -Bridge Mounted	50	LF	\$ 90	\$ 5,000
18	Culvert Crossing	3	EA	\$ 1,200	\$ 4,000
19	Pavement Restoration	792	LF	\$ 14	\$ 12,000
20	Gravel Surface Restoration	324	LF	\$ 10	\$ 4,000
21	Hydrant and Sample Tap Hose Bib	1	LS	\$ 3,000	\$ 3,000
22	Air Release Valve Assembly	3	EA	\$ 12,000	\$ 36,000
23	Blow Off Assembly	2	EA	\$ 6,000	\$ 12,000
BID ITEM NO. 5: POTABLE WATER PIPELINE SUB-TOTAL					\$ 255,000
ESTIMATED TOTAL CONSTRUCTION COST					\$ 540,400