

OCULUS ESTIMATION

Project Title: Harlington District Irrigation Cameron County No. 1

Location: SITE 44 EWP REPAIR CAMERON COUNTY, TEXAS

Bid Date/Time/Due: 5/13/2021

Project Type: Non Residential

Scope of Work: Site Works

SR #	CSI CODE	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT OF MEASUREMENT	Unit Cost Material	Unit Cost Labor	TOTAL COST	TOTAL TRADE COST
DIV.02 Existing Conditions										\$ 20,245
Demolition										
1		Remove Existing Fence	1200.36	10%	1320	LF	\$ -	\$ 4.55	\$ 6,008	
2		Remove Vinyl Sheet Pile	36.59	10%	40	LF	\$ -	\$ 13.40	\$ 539	
3		Salvage Existing Drainage Pipe And Reuse	234.78	10%	258	LF	\$ -	\$ 4.86	\$ 1,255	
4		Cut Existing Pipe Support Piles	5.00	0%	5	EA	\$ -	\$ 125.00	\$ 625	
5		Cut Existing Sheet Pile At Channel Elevation	1858.33	10%	2044	LF	\$ -	\$ 5.48	\$ 11,196	
6		Shape And Smooth Bank Repair To Match Existing Concrete Apron Top Elevation	109.96	10%	121	LF	\$ -	\$ 4.54	\$ 550	
7		Repair Concrete Apron	20.25	10%	22	SF	\$ -	\$ 3.23	\$ 72	
DIV.31 Earthwork										\$ 261,540
Excavation										
8		Excavation For Pipe Trench	365.21	10%	402	CY	\$ -	\$ 31.23	\$ 12,546	
9		(6" X 6") Trench Excavation Near Silt Fence	10.89	10%	12	CY	\$ -	\$ 31.23	\$ 374	
10		Excavation For Concrete Post Foundation	1.13	10%	1	CY	\$ -	\$ 31.23	\$ 39	
11		Excavation For Sheet Pile Execution	2668.04	10%	2935	CY	\$ -	\$ 31.23	\$ 91,655	
Backfill										
12		3" Thick Pipe Bedding	469.56	10%	517	SF	\$ 0.56	\$ 0.30	\$ 444	
13		Backfill In The Pipe Trench	292.17	10%	321	CY	\$ -	\$ 47.88	\$ 15,388	
14		Stabilized Backfill Material In Silt Fence Trench	10.89	10%	12	CY	\$ -	\$ 47.88	\$ 573	
15		C89 Drain Fill Material Near Sheet Pile	298.00	10%	328	CY	\$ -	\$ 47.88	\$ 15,695	
16		C144 Drain Fill Material Near Sheet Pile	1501.00	10%	1651	CY	\$ -	\$ 47.88	\$ 79,055	
17		Top Soil On Grade	208.60	10%	229	CY	\$ -	\$ 47.88	\$ 10,987	
18		Compacted Earth Fill	660.44	10%	726	CY	\$ -	\$ 47.88	\$ 34,784	
DIV.32 Exterior Improvements										\$ 287,118
Irrigation Fixtures										
19		Pipe Support	5.00	0%	5	EA	\$ 55.00	\$ 30.00	\$ 425	
20		Weep Hole Drains	340.00	0%	340	EA	\$ 34.00	\$ 20.00	\$ 18,360	
Stone/Gravel Work										
21		Alternate Site Access Construction Site Entrance	1449.61	10%	1595	SF	\$ 0.65	\$ 0.76	\$ 2,248	
22		Sediment Rock Filter Spillway Note: Please Verify Height Of Embankment.	344.11	10%	379	SF	\$ 0.65	\$ 0.76	\$ 534	
23		Construction Road Access From Driveway	854.24	10%	940	SF	\$ 0.65	\$ 0.76	\$ 1,325	
24		Rock Riprap Scour Pad	2585.64	10%	2844	SF	\$ 0.65	\$ 0.80	\$ 4,124	
Waterproofing										
25		Geotextile Filter Fabric Under Construction Site Entrance	1449.61	10%	1595	SF	\$ 0.67	\$ 0.80	\$ 2,344	
26		Geotextile Filter Fabric Under Rock Riprap Scour Pad	2585.64	10%	2844	SF	\$ 0.67	\$ 0.80	\$ 4,181	
27		Geotextile Filter Fabric In Silt Fence Trench	1470.00	10%	1617	SF	\$ 0.67	\$ 0.80	\$ 2,377	
Openings										
28		16' Wide X 4'-2" High Gate If One Is Not Present	1.00	0%	1	EA	\$ 2,750.00	\$ 450.00	\$ 3,200	
29		16' Wide X 4'-2" High New Access Gate	1.00	0%	1	EA	\$ 2,750.00	\$ 450.00	\$ 3,200	
Signage										
30		Benchmark Bm1G	1.00	0%	1	EA	\$ 243.00	\$ 50.00	\$ 293	
31		Benchmark Bm2G	1.00	0%	1	EA	\$ 243.00	\$ 50.00	\$ 293	
32		Benchmark Bm3G	1.00	0%	1	EA	\$ 243.00	\$ 50.00	\$ 293	
33		Benchmark Bm4G-2020	1.00	0%	1	EA	\$ 243.00	\$ 50.00	\$ 293	
Structural Work										
34		New X295 steel sheet piling ASTM A572 GR 50 1024 pc x 18'-3" = 968,817# (Lbs), (\$0.91 per Lb) = \$881,623.47 Freight charge = 24 Total loads (\$3975.00 per Load) = \$95,400	2132.00	10%	2345	LF	\$ 13.44	\$ 17.67	\$ 72,959	
35		C6 X 10.5 Channel Iron Water With 1/2 Dia. Drilled Drainage Hole	4258.04	10%	4684	LF	\$ 11.55	\$ 8.90	\$ 95,785	
36		1/2" X 10" X 10" Galvanized Steel Plate @ 10'-6" O.C.	203.76	0%	204	EA	\$ 89.00	\$ 40.00	\$ 26,286	
37		Fence Bracing	56.08	10%	62	LF	\$ 8.78	\$ 5.66	\$ 891	
Power Fixtures										
38		Power Pole Note: Please Confirm The Item.	2.00	0%	2	EA	\$ 780.00	\$ 420.00	\$ 2,400	
Fences										
39		Silt Fence (36"H)	979.80	10%	1078	LF	\$ 13.40	\$ 8.70	\$ 23,819	
40		5 Strand Barbed Wire Fence (6'-6" H)	1200.36	10%	1320	LF	\$ 9.89	\$ 5.60	\$ 20,453	
Concrete Work										
41		12" Dia. X 3'-3"H Concrete Foundation For Gate Post	1.13	10%	1	CY	\$ 585.00	\$ 245.00	\$ 1,036	

NOTES:	SUB TOTAL		\$ 568,903
This sheet is your property and you can use and change the information as per need.	OVERHEAD	9%	\$ 51,201
We always convince our clients to put their own prices for the items.	CONTRACTOR'S PROFIT	8%	\$ 45,512
All data in the estimate is taken with the help of plans set and details inside the drawings.	INSURANCE COST	5%	\$ 28,445
In case of anything missing, we might put allowance to adjust the missing numbers as per need.	CONTINGENCY CHARGES	3%	\$ 17,067
We look forward to work with you in the future as every client is our priority.	TOTAL BID		\$ 711,129