

MOORE & BRUGGINK, INC.
 Engineers Preliminary Quantities
 PROJECT: Teton Farms
 OWNER: E & A DeYoung LLC.
 Date

7/10/2020

Quantities based on Plans Dated: Revision 7/1/2020 and File Name:
 150182_Teton Farms_07-10-20 Stamped EGLE.pdf

ITEM NO.	PROPOSAL ITEM	UNIT	ESTIMATED QUANTITY	Great Lakes Preliminary Bid		Remaining Item	Stormwater Value	
				PRICE	AMOUNT			
Sanitary Sewer Items								
1	Sanitary Sewer, 8 Inch, SDR 26, Including Sand Backfill	Ft	2,450	\$54.15	\$132,667.50			
2	Sanitary Lateral, 6 Inch, SDR 26 including Sand Backfill	Ft	1,750	\$45.20	\$79,100.00			
3	Sanitary Manhole, 4' Dia, With Cover	Ea	13	\$2,900.00	\$37,700.00			
4	Connect to Existing Sanitary Sewer	Ea	1	\$2,500.00	\$2,500.00			
5	Sanitary Wye, 8 Inch X 6 Inch	Ea	48	\$200.00	\$9,600.00			
SUBTOTAL SANITARY ITEMS					\$261,567.50			
Water Main Items								
6	Water Main, 6 Inch, D.I. Cl 53, with Poly-wrap, with Sand Backfill	Ft	20	\$23.00	\$460.00		x	
7	Water Main, 8 Inch, PVC, AWWA C900, with Trace Wire, with Poly-wrap, with Sand Backfill	Ft	2,500	\$28.30	\$70,750.00		x	
8	Valve and Box, 6 Inch	Ea	7	\$1,010.00	\$7,070.00		x	
9	Valve and Box, 8 Inch	Ea	5	\$1,370.00	\$6,850.00		x	
10	Bend, 8 Inch, 90 Degree	Ea	2	\$455.00	\$910.00		x	
11	Bend, 8 Inch, 45 Degree	Ea	6	\$465.00	\$2,790.00		x	
12	Bend, 8 Inch, 11 Degree	Ea	2	\$400.00	\$800.00		x	
13	Sleeve, 8 inch	Ea	2	\$770.00	\$1,540.00		x	
14	Sleeve, 12 inch	Ea	1	\$1,000.00	\$1,000.00		x	
15	Tee, 8 Inch x 8 Inch x 6 Inch	Ea	7	\$550.00	\$3,850.00		x	
16	Bend, 6 Inch, 90 Degree	Ea	7	\$400.00	\$2,800.00		x	
17	Fire Hydrant, 5 Inch	Ea	7	\$2,300.00	\$16,100.00		x	
18	Corporation Stop & Saddle, 1 inch	Ea	48	\$320.00	\$15,360.00		x	
19	Curb Stop, 1 inch	Ea	48	\$360.00	\$17,280.00		x	
20	Water Service, Copper, Type K 1 inch	Ft	2,070	\$26.45	\$54,751.50		x	
21	Tapping Sleeve , 8 Inch x 12 Inch x 12 Inch	Ea	1	\$1,000.00	\$1,000.00		x	
SUBTOTAL WATER MAIN ITEMS					\$203,311.50			

ITEM NO.	PROPOSAL ITEM	UNIT	ESTIMATED QUANTITY	Great Lakes Preliminary Bid PRICE	Great Lakes Preliminary Bid AMOUNT	Remaining Item	Stormwater Value
Improvement Items							
22	Maintaining Traffic	Lsum	1	\$8,000.00	\$8,000.00	x	
23	Inlet Protection	Ea	14	\$150.00	\$2,100.00		
24	Silt Fence	Ft	4,200	\$1.60	\$6,720.00		
25	Storm Sewer, 12 Inch, C76III, including Sand Backfill	Ft	0	\$23.20	\$0.00		x
26	Storm Sewer, 12 Inch, ADS N-12	Ft	273	\$18.95	\$5,173.35		x
27	Storm Sewer, 15 Inch, C76III, including Sand Backfill	Ft	348	\$35.65	\$12,406.20		x
28	Storm Sewer, 15 Inch, ADS N-12	Ft	1,498	\$30.65	\$45,913.70		x
29	Storm Sewer, 36 Inch, C76III, including Sand Backfill	Ft	0	\$100.00	\$0.00		x
30	Storm Sewer, 60 Inch x 38 inch elliptical, C76III, including Sand Backfill	Ft	225	\$205.20	\$46,170.00		x
31	Flared End Section, Concrete, 15 Inch	Ea	6	\$600.00	\$3,600.00		x
32	Flared End Section, Concrete, 36 Inch	Ea	1	\$1,400.00	\$1,400.00		x
33	Flared End Section, Concrete, 60 inch x 38 Inch elliptical	Ea	2	\$3,400.00	\$6,800.00		x
34	Catch Basin, 4' Dia	Ea	14	\$1,750.00	\$24,500.00		x
35	Storm Sewer Manhole, 4' Dia	Ea	10	\$1,800.00	\$18,000.00		x
36	Subbase Underdrain, 6 Inch, Rigid, with Sock	Ft	4,800	\$7.00	\$33,600.00		x
37	Sand Subbase, 15 Inch, CIP	Syd	8,000	\$6.25	\$50,000.00		
38	Sand Subbase, 18 Inch, CIP	Syd	800	\$8.75	\$7,000.00	x	
39	Aggregate Base, 7 Inch, 21AA	Syd	728	\$9.40	\$6,843.20	x	
40	Aggregate Base, 6 Inch, 22A	Syd	8,000	\$5.75	\$46,000.00	x	
41	HMA, 13A	Ton	1,200	\$85.00	\$102,000.00	x	
42	HMA, 3C	Ton	80	\$102.00	\$8,160.00	x	
43	HMA, 4C	Ton	260	\$88.00	\$22,880.00	x	
44	Sidewalk, Conc, 4" W/Sand Subbase	Sft	1,518	\$3.85	\$5,844.30	x	
45	HMA Valley Gutter	Ft	4,800	\$1.55	\$7,440.00	x	
46	Curb and Gutter, Conc.	Ft	110	\$23.10	\$2,541.00	x	
47	Turf Establishment	Syd	74,000	\$0.20	\$14,800.00	x	
48	HMA Coll Mill Roadway, 1.5 inches	Syd	4,300	\$1.50	\$6,450.00	x	
49	Pavement Markings in 36th ave	Lsum	1	\$5,000.00	\$5,000.00	x	
50	Rip Rap over Fabric	Syd	100	\$65.00	\$6,500.00		
51	Clean and Flush Storm sewer system	Lsum	1	\$3,500.00	\$3,500.00	x	x
SUBTOTAL IMPROVEMENT ITEMS					\$509,341.75		
Grading Items							
Site Excavation and Grading (Net Surface Calculations: 64,000 cyds cut, 99,000 cyds fill, Net 35,000 cyds fill) (Import Calculated from Sand, Aggregate, and HMA = 5475 cyds)							
52	Aggregate, and HMA = 5475 cyds)	Lsum	1.0	\$262,475.00	\$262,475.00		
53	Remove and Stockpile All Topsoil (Assumed 12" Deep) (32,200 cyds)	Lsum	1.0	\$64,400.00	\$64,400.00		
54	Respread All Topsoil in Disturbed Areas (32,200 cyds)	Lsum	1	\$88,550.00	\$88,550.00		
Import of Clean Fill (Quantity to be reduced as fill is already being imported to the site along with any minor quantities not calculated from other items)							
55		cyd	29,525	\$3.00	\$88,575.00		
SUBTOTAL GRADING ITEMS					\$504,000.00		
Great Lakes Preliminary Bid							
CONSTRUCTION ITEM TOTAL					\$1,478,220.75	\$ 449,770.00	\$ 201,063.25

\$1,389,645.75

- Bid Notes:
- a Provide plastic storm pipe unit prices as negotiations with the road commission are under way to allow plastic pipe.
 - b Item 54, currently clean fill is being placed on site from other sources it is likely this quantity may be reduced to zero.
 - c Discrepancy may exist between these quantities and the contract plans, contract plans hold president.
 - d Final approvals have not been received for these plans minor changes will occur and change quantities.

Duration of Construction _____ Days

Contractor _____

Signature _____

Date _____