

IRC Landfill Segment 3 Cell 2
Utility Cost Estimate
For Bill of Sale and 1-Year Maintenance Amount
UCP # 3457

WATER SYSTEM	UNIT	QUANTITY	UNIT PRICE	TOTAL
8" PVC C900	LF	1634	\$ 50.00	\$ 81,700.00
Directional Drill 8" C900	LF	100	\$ 75.00	\$ 7,500.00
8" x 8" Tapping Sleeve & Gate Valve	EA	1	\$ 6,000.00	\$ 6,000.00
Fire Hydrant w/ Gate Valve	EA	1	\$ 10,000.00	\$ 10,000.00
Single Service 2" service & RPZ	EA	1	\$ 10,000.00	\$ 10,000.00
8" 90 Degree MJ Bend	EA	2	\$ 622.50	\$ 1,245.00
8" 45 Degree MJ Bend	EA	2	\$ 605.00	\$ 1,210.00
8" 22.5 Degree MJ Bend	EA	2	\$ 575.00	\$ 1,150.00
8" x 6" Tee	EA	2	\$ 625.00	\$ 1,250.00
6" x 2" Reducer	EA	1	\$ 505.00	\$ 505.00
Air Release Valve	EA	2	\$ 2,320.00	\$ 4,640.00
Subtotal				\$ 125,200.00

LEACHATE DETECTION SYSTEM				
Wet Well & Hatch & Safety Grate	EA	1	\$ 60,000.00	\$ 60,000.00
Turbine Meter/Totalizer & Control Panel	EA	1	\$ 60,000.00	\$ 60,000.00
1.5" Schedule 80 PVC Pipe & Fittings	EA	1	\$ 30,000.00	\$ 30,000.00
18' x 13' x 10" Thick Concrete Slab	SF	234	\$ 25.00	\$ 5,850.00
5' Diameter LCS Manhole	EA	2	\$ 20,000.00	\$ 40,000.00
Directional Drill 10" SDR 15.5 Gravity Pipe	LF	100	\$ 100.00	\$ 10,000.00
Subtotal				\$ 205,850.00

LEACHATE FORCEMAINS				
2" Dual Contained (in 4") HDPE	LF	245	\$ 45.00	\$ 11,025.00
2" Plug Valve	EA	2	\$ 2,000.00	\$ 4,000.00
4" Solid SDR 11 HDPE Forcemain	LF	1,700	\$ 30.00	\$ 51,000.00
Directional drill 4" SDR 11 HDPE Forcemain	LF	100	\$ 100.00	\$ 10,000.00
4" Plug Valves	EA	2	\$ 1,500.00	\$ 3,000.00
4" x 4" Tapping Sleeve & gate Valve	EA	1	\$ 5,800.00	\$ 5,800.00
Subtotal				\$ 84,825.00

LEACHATE COLLECTION SYSTEM				
Wet Well & Pump Station Package	LS	1	\$ 150,000.00	\$ 150,000.00
10" Concrete Slab & Driveway	SF	1,400	\$ 15.00	\$ 21,000.00
5' Diameter Pumpout Manhole	EA	1	\$ 20,000.00	\$ 20,000.00
Subtotal				\$ 191,000.00

ELECTRICAL & CONTROL PANEL				
Tower & Antenna	EA	1	\$ 25,000.00	\$ 25,000.00
Panelboard PP-1	EA	1	\$ 15,000.00	\$ 15,000.00
Main Circuit Breaker	EA	1	\$ 2,000.00	\$ 2,000.00


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ATS	EA	1	\$ 11,000.00	\$ 11,000.00
TPA-COMP-A	EA	1	\$ 8,000.00	\$ 8,000.00
TPA-LCS-A	EA	1	\$ 10,000.00	\$ 10,000.00
Panelboard LP-LDS	EA	1	\$ 40,000.00	\$ 40,000.00
Mounting Racks	EA	1	\$ 10,000.00	\$ 10,000.00
20KW Deisel Generator	EA	1	\$ 50,000.00	\$ 50,000.00
			Subtotal	\$ 171,000.00

Water System	\$ 125,200.00
Leachate Detection System	\$ 205,850.00
Leachate Forcemains	\$ 84,825.00
Leachate Collection System	\$ 191,000.00
Electrical Instrumentation & Control Panel	\$ 171,000.00
TOTAL	\$ 777,875.00

For Bill of Sale

25% 1 Year Maintenance Amount	\$ 194,468.75
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Amy Hightower, P.E.

This item has been digitally signed and sealed by Amy M. Hightower, P.E., DCEE, PMP on 08/04/2020 using a Digital Signature.
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Date: _____
 No. _____