

ENGINEER'S ESTIMATE
Task Order No. 14-10, SAK Construction LLC
Job No. CICKLR7311B22
IDIQ Contract No. CI7064A21
Western Branch Basin

Item Number	Item Description	Unit of Measure	Quantity	SAK Extension (\$)
1300	Crew Hours - Construction Stakeout (Licensed Surveyor)	HR	60	\$ 21,180.00
1303	Clearing without Grubbing (including trees less than 10-inch diameter)	AC	0.48	\$ 6,043.20
1304	Tree Removal (greater than 10" DBH) - per inch diameter DBH	IN	500	\$ 63,500.00
1307	Temporary Flexible Vinyl Fencing (6 feet in Height)	LF	550	\$ 6,600.00
1309	Temporary Tree Protection Fencing (4 feet in Height)	LF	1,000	\$ 11,000.00
1310	Temporary Removal and Re-installation of Existing Fencing	SF	240	\$ 960.00
1311	Stabilized Construction Entrance – Build & Maintain	EA	3	\$ 13,650.00
1315	Heavy Duty Mulch Access Mat	SY	26,566	\$ 4,237,277.00
1317	Wooden Wetland Protection Access Matting	SY	450	\$ 48,375.00
1319	Mulch Replenishment for Access Mats	CY	100	\$ 7,250.00
1320	Tree Trunk Protection (Per Tree)	EA	100	\$ 29,000.00
1323	Engineered Temporary Access Bridge (40' to 70' Engineered Bridge)	EA	1	\$ 169,270.00
1333	Temporary Access Culvert (Culvert size greater than 20" to 24")	LF	100	\$ 20,000.00
1400	Silt Fence	LF	2,000	\$ 14,000.00
1403	Stone Outlet Structure	EA	3	\$ 1,371.00
1404	Diversion Sandbag Dike (up to 4' in Height)	LF	220	\$ 22,660.00
1407	Temporary Dewatering Device	EA	3	\$ 2,166.00
1409	Straw Mat, Single Jute Net (East Coast Erosion Blanket ECS-1B, Straw Biodegradable Single Net Blanket or approved equal)	SY	500	\$ 2,500.00
1411	Pumped-Silt Control System	EA	3	\$ 4,500.00
1414	Pump Mobilization to Project Site (8 inch Pump)	EA	12	\$ 6,276.00
1420	8-inch Pump (including up to 100 LF of discharge piping matching pump size)	ED	180	\$ 138,600.00
1428	8-inch Rigid Piping	LF	500	\$ 10,500.00
1500	Excavated Earth for reuse on-site as fill	CY	400	\$ 9,600.00

1502	Excavated Streambed or bank Gravel layer for local reuse in streambed or bank	CY	1,600	\$ 59,200.00
1504	Common Borrow	CY	3,925	\$ 231,575.00
1506	Streambed and Stream Embankment	CY	400	\$ 83,600.00
1507	Gravel	CY	1760	\$ 290,400.00
1602	Class II Stone	TON	1,150	\$ 195,500.00
1604	Class III Stone (stacked imbricated)	TON	1,245	\$ 436,995.00
1605	Bank Run Round River Rock, 4 to 8 inches	TON	25	\$ 4,650.00
1608	Local Harvested Riprap Slope Protection or Channel (installed, including filter cloth)	CY	50	\$ 3,700.00
1700.08	8" Diameter Sewer Main – Light Cleaning with Video Inspection	LF	500	\$ 2,000.00
1700.24	24" Diameter Sewer Main – Light Cleaning with Video Inspection	LF	500	\$ 3,500.00
1700.27	27" Diameter Sewer Main – Light Cleaning with Video Inspection	LF	300	\$ 2,400.00
1701.08	8" Diameter Sewer Main – Heavy Cleaning	LF	500	\$ 1,000.00
1701.24	24" Diameter Sewer Main – Heavy Cleaning	LF	300	\$ 2,625.00
1701.27	27" Diameter Sewer Main – Heavy Cleaning	LF	320	\$ 3,520.00
1800.04	4" PVC Lateral Sewer, 0'-12' depth of cut - Sewer House Connection	LF	40	\$ 15,360.00
1801.04	4" PVC Lateral Sewer, Greater than 12'-20' depth of cut - Sewer House Connection	LF	20	\$ 8,400.00
1818	Furnish and Install Manhole over Existing Sewer, Type 1 or 2, 4' inside dia. with F&C	VF	6	\$ 10,080.00
1902.08	8" Diameter Sewer Mainline Lining – UV Curing Process and Other Curing Processes- minimum thickness	LF	5,789	\$ 248,927.00
1902.24	24" Diameter Sewer Mainline Lining – UV Curing Process and Other Curing Processes - minimum thickness	LF	3,634	\$ 526,930.00
1902.27	27" Diameter Sewer Mainline Lining – UV Curing Process and Other Curing processes - minimum thickness	LF	4,139	\$ 662,240.00
2001	Locate Existing Buried Manhole - In Unpaved Area	EA	2	\$ 2,300.00
2003	Remove/Reset Manhole Frame and Cover – 24"	EA	1	\$ 1,600.00
2006	Replace Manhole Frame and Cover with 24" Cast Iron Manhole Frame	EA	5	\$ 8,600.00
2013	Manhole Riser Adjustment	VF	4	\$ 10,280.00
2021	Cementitious Reconstruction for 4' Inside Diameter Manhole, 1/2" Thick	VF	96	\$ 43,104.00

2048	Walk in Manhole Access (Walk in distance between 200' and 500')	EA	12	\$ 21,480.00
2049	Walk in Manhole Access (Walk in distance between 500' and 1,000')	EA	4	\$ 13,600.00
2050	Walk in Manhole Access (Walk in distance between 1,000 and 1,500')	EA	2	\$ 8,000.00
2114	Concrete Curb and Gutter	LF	100	\$ 7,100.00
2158	Tree - Container Grown, 1-1½ inch Caliper	EA	300	\$ 59,700.00
2162	Live Stakes	EA	1,600	\$ 12,800.00
2170	Wetland Seeding	LB	2	\$ 654.00
2180	As Needed Deer Protection Fence	EA	200	\$ 1,800.00
2200	Set-up Sewage Bypass Pumping System (above 2,000 gpm to 5 MGD; payable for sewers up to and including 30")	EA	2	\$ 89,000.00
2220	Operate Sewage Bypass Pumping System (above 5 MGD to 10 MGD; payable for sewers up to and including 30")	ED	40	\$ 205,600.00
SUBTOTAL (Contract Items - 1300 through 2330):				\$8,124,498.20
2340	Performance Bond	Rate / \$1,000	1	\$ 14,217.87
TOTAL (Contract Items - 1300 through 2350):				\$8,138,716.07

LEGEND

IDIQ – Indefinite Deliverable Indefinite Quantity
 MGD – Million Gallon Per Day
 UV – Ultraviolet
 PVC – Polyvinyl Chloride
 ECS – Erosion Control Services
 DBH – Diameter Breast Height
 HR – Hour
 AC – Acre
 LF – Linear Feet
 SF – Square Feet
 SY – Square Yard
 EA – Each

CY – Cubic Yard
 ED – Each Day
 TON – Tonnage
 VF – Vertical Feet
 LB – Pound
 F/C – Frame and Cover
 IN - Inch