

**OLSON ENGINEERING INC.**

222 EAST EVERGREEN BLVD, VANCOUVER, WA 98660 (360) 695-1385

## 18th Street Subdivision - Preliminary Cost Estimate

Item #	Description	Unit Of Measure	Quantity	Unit Price	Total Price
<b>EROSION CONTROL</b>					
1	Erosion Control with maintenance	LS	1	\$ 55,000.00	\$ 55,000.00
				Total	\$ 55,000.00
<b>SITWORK</b>					
2	Saw Cut Asphalt	SF	1,200	\$ 2.50	\$ 3,000.00
3	Remove Asphaltic Concrete	SF	1,500	\$ 2.50	\$ 3,750.00
4	Clearing & Grubbing	AC	8.7	\$ 3,000.00	\$ 26,100.00
5	Mass Grading	CY	7,000	\$ 3.00	\$ 21,000.00
6	Stripping	CY	7,000	\$ 4.00	\$ 28,000.00
7	Place Topsoil on lots	CY	4,000	\$ 5.00	\$ 20,000.00
8	Finish Grade	SF	75,000	\$ 0.25	\$ 18,750.00
9	Geotextile Fabric	SY	8,400	\$ 0.90	\$ 7,560.00
10	1½"- Crushed Rock	CY	2,200	\$ 40.00	\$ 88,000.00
11	Asphaltic Concrete Class ½" 64-22 HMA	CY	760	\$ 180.00	\$ 136,800.00
12	Curb & Gutter	LF	4,200	\$ 12.00	\$ 50,400.00
13	Sidewalk	SF	9,100	\$ 5.00	\$ 45,500.00
				Total	\$ 448,860.00
<b>STORM SYSTEM</b>					
14	12" CPE w/ Granular Backfill	LF	2,200	\$ 70.00	\$ 154,000.00
15	12" CPE w/ Granular Backfill - Offsite	LF	370	\$ 140.00	\$ 51,800.00
16	10" CPE w/ Granular Backfill	LF	360	\$ 55.00	\$ 19,800.00
17	8" CPE w/ Granular Backfill	LF	1,700	\$ 40.00	\$ 68,000.00
18	6" CPE w/ Granular Backfill	LF	840	\$ 35.00	\$ 29,400.00
19	Detention pond with control structure and fence	LS	1	\$ 60,000.00	\$ 60,000.00
20	Treatment Vault	LS	1	\$ 120,000.00	\$ 120,000.00
21	Catch Basin	EA	19	\$ 2,100.00	\$ 39,900.00
22	Field Inlet	EA	34	\$ 800.00	\$ 27,200.00
23	Manhole	EA	13	\$ 4,500.00	\$ 58,500.00
24	Outfall	LS	1	\$ 500.00	\$ 500.00
				Total	\$ 629,100.00
<b>SANITARY SEWER</b>					
25	4" Force Main w/ Granular Backfill	LF	1,610	\$ 30.00	\$ 48,300.00
26	Pressure Laterals	EA	34	\$ 1,000.00	\$ 34,000.00
27	Connect to Existing Main	EA	1	\$ 1,000.00	\$ 1,000.00
				Total	\$ 83,300.00
<b>WATER</b>					
28	Connect to Existing Waterline	EA	3	\$ 1,000.00	\$ 3,000.00
29	12" DIP w/ Granular Backfill	LF	900	\$ 100.00	\$ 90,000.00
30	8" DIP w/ Granular Backfill	LF	880	\$ 60.00	\$ 52,800.00
31	6" Fire Hydrant Assembly	EA	2	\$ 4,000.00	\$ 8,000.00
32	Water Service w/ Meter Box	EA	34	\$ 1,000.00	\$ 34,000.00
				Total	\$ 187,800.00

**STRIPING & SIGNAGE**

33	Striping & Signage	LS	1	\$ 10,000.00	\$ 10,000.00
				Total	\$ 10,000.00

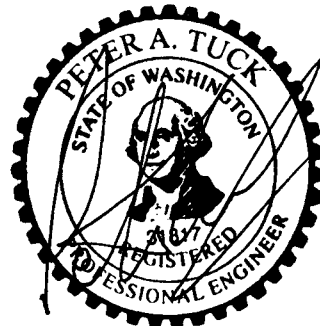
**LANDSCAPING**

34	Planting Strip (Ground Cover & Trees)	SF	7,200	\$ 4.00	\$ 28,800.00
				Total	\$ 28,800.00

**MISCELLANEOUS**

35	Street Lights	EA	20	\$ 3,000.00	\$ 60,000.00
				Total	\$ 60,000.00

<b>Total Construction Costs</b>	<b>\$ 1,502,860.00</b>
---------------------------------	------------------------



5/1/22