



**ENGINEER'S ESTIMATE**  
**Terakee Village**  
**Weber County, Utah**

**ESTIMATE DATE** : April 10, 2019

**OWNER:**

**\$1,636,863.14 / 36 Units = \$ 45,468.42**

<u>SECTION I</u>	<u>QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
<b><u>Sanitary Sewer</u></b>			
1. Furnish and install 8-inch SDR-35 Sanitary Sewer Main	2,048 lf	\$ <u>27.00 lf</u>	\$ <u>55,296.00</u>
2. Furnish and install 10-inch SDR-35 Sanitary Sewer Main	828 lf	\$ <u>35.00 lf</u>	\$ <u>28,980.00</u>
3. Furnish and install 12-inch SDR-35 Sanitary Sewer Main	0 lf	\$ <u>37.00 lf</u>	\$ <u>0.00</u>
4. Furnish and install 4-inch Sanitary Sewer Lateral	36 ea	\$ <u>750.00 ea</u>	\$ <u>27,000.00</u>
5. Furnish and install 4-foot Diameter Manhole	9 ea	\$ <u>2,725.00 ea</u>	\$ <u>24,525.00</u>
6. Furnish and install 5-foot Diameter Manhole	4 ea	\$ <u>3,000.00 ea</u>	\$ <u>12,000.00</u>
7. Install concrete Manhole Collar	13 ea	\$ <u>500.00 ea</u>	\$ <u>6,500.00</u>
8. Connect to existing Sanitary Sewer	1 ea	\$ <u>800.00 ea</u>	\$ <u>800.00</u>
9. Cameral and Clean	1 ls	\$ <u>4,500.00 ls</u>	\$ <u>4,500.00</u>
		SUB TOTAL	\$ <u>159,601.00</u>
<b><u>Culinary Water</u></b>			
1. Construct 8-inch C-900 P.V.C. Water Line (Including Fittings)	2,887 lf	\$ <u>25.00 lf</u>	\$ <u>72,175.00</u>
2. Furnish and install 8-inch Gate Valve with Box	7 ea	\$ <u>1,650.00 ea</u>	\$ <u>11,550.00</u>
3. Install concrete Valve Collar	7 ea	\$ <u>350.00 ea</u>	\$ <u>2,450.00</u>
4. Construct Water Connection complete to Property Line (Include All City Fees)	36 ea	\$ <u>900.00 ea</u>	\$ <u>32,400.00</u>
5. Construct Fire Hydrant with Aux. Valve, Box and Pipe to Main, Including Tee, Complete Unit	7 ea	\$ <u>4,500.00 ea</u>	\$ <u>31,500.00</u>
6. Connect to existing Waterline (Hot-tap)	1 ea	\$ <u>2,950.00 ea</u>	\$ <u>0.00</u>
7. Furnish and install 2-inch Blow-off	4 ea	\$ <u>1,500.00 ea</u>	\$ <u>0.00</u>
8. Pressure Test and Chlorinate	1 ls	\$ <u>600.00 ls</u>	\$ <u>0.00</u>
		SUB TOTAL	\$ <u>150,075.00</u>
<b><u>Pressure Irrigation</u></b>			
1. Construct 6-inch C-200 P.V.C. Water Line (Including Fittings)	0 lf	\$ <u>14.00 lf</u>	\$ <u>0.00</u>
2. Construct 8-inch C-200 P.V.C. Water Line (Including Fittings)	3,385 lf	\$ <u>18.00 lf</u>	\$ <u>60,930.00</u>
3. Furnish and install 6-inch Gate Valve with Box	0 ea	\$ <u>1,250.00 ea</u>	\$ <u>0.00</u>

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4. Furnish and install 8-inch Gate Valve with Box	5 ea	\$ <u>1,650.00</u> ea	\$ <u>8,250.00</u>
5. Install concrete Valve Collar	5 ea	\$ <u>350.00</u> ea	\$ <u>1,750.00</u>
6. Furnish and Install Service Connection	38 ea	\$ <u>850.00</u> ea	\$ <u>32,300.00</u>
7. Connect to existing Pressure Irrigation	0 ea	\$ <u>2,500.00</u> ea	\$ <u>0.00</u>
8. Pressure Test	1 ea	\$ <u>500.00</u> ea	\$ <u>500.00</u>
		SUB TOTAL	\$ <u>103,730.00</u>

**Storm Drain**

1. Furnish and install 12 inch R.C.P.	1,635 lf	\$ <u>24.00</u> lf	\$ <u>39,240.00</u>
2. Furnish and install 15 inch R.C.P.	421 lf	\$ <u>30.00</u> lf	\$ <u>12,630.00</u>
3. Furnish and install 18 inch R.C.P.	856 lf	\$ <u>36.00</u> lf	\$ <u>30,816.00</u>
4. Furnish and install 24 inch R.C.P.	545 lf	\$ <u>42.00</u> lf	\$ <u>22,890.00</u>
5. Furnish and install 30 inch R.C.P.	215 lf	\$ <u>46.00</u> lf	\$ <u>9,890.00</u>
6. Construct Combo Box	5 ea	\$ <u>5,000.00</u> ea	\$ <u>25,000.00</u>
7. Construct Standard Inlet Box w/ Grate	32 ea	\$ <u>2,000.00</u> ea	\$ <u>64,000.00</u>
8. Furnish and install 5-foot Diameter Manhole	0 ea	\$ <u>2,500.00</u> ea	\$ <u>0.00</u>
9. Furnish and install 6-foot Diameter Manhole	0 ea	\$ <u>3,500.00</u> ea	\$ <u>0.00</u>
10. Install concrete Manhole Collar	0 ea	\$ <u>500.00</u> ea	\$ <u>0.00</u>
11. Construct 36"x36" Junction Box w/ Lid	ea	\$ <u>2,250.00</u> ea	\$ <u>0.00</u>
12. Construct 48"x48" Junction Box w/ Lid	ea	\$ <u>2,500.00</u> ea	\$ <u>0.00</u>
13. Const Inlet/ Outlet Structure	2 ea	\$ <u>5,200.00</u> ea	\$ <u>10,400.00</u>
14. Construct Pond Overflow Structure	2 ea	\$ <u>2,500.00</u> ea	\$ <u>5,000.00</u>
15. Connect to existing Storm Drain	0 ea	\$ <u>600.00</u> ea	\$ <u>0.00</u>
		SUB TOTAL	\$ <u>219,866.00</u>

**Buck Ditch Piping**

1. Furnish and install 18-inch RCP Irrigation Line	1,289 lf	\$ <u>36.00</u> lf	\$ <u>46,404.00</u>
2. Furnish and install 36" x 36" Junction Box w/ Lid	6 ea	\$ <u>2,250.00</u> ea	\$ <u>13,500.00</u>
		SUB TOTAL	\$ <u>59,904.00</u>

**TOTAL SECTION I** \$ 413,406.00

**SECTION II**

**Site Improvements**

1. Construct 4-foot wide 4-inch deep Sidewalk including gravel sub-base	5,680 lf	\$ <u>22.00</u> lf	\$ <u>124,960.00</u>
2. Construct 5-foot wide 4-inch deep Sidewalk including gravel sub-base	0 lf	\$ <u>24.00</u> lf	\$ <u>0.00</u>
3. Construct 6-foot wide 4-inch deep Sidewalk including gravel sub-base	lf	\$ <u>28.00</u> lf	\$ <u>0.00</u>

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4. Construct ADA Ramp	8 ea	\$ <u>450.00</u> ea	\$ <u>3,600.00</u>
5. Construct 24-inch Curb and Gutter (Including gravel sub-base)	0 lf	\$ <u>12.00</u> lf	\$ <u>0.00</u>
6. Construct 30-inch Curb and Gutter (Including gravel sub-base)	5,680 lf	\$ <u>22.00</u> lf	\$ <u>124,960.00</u>
7. Construct 4' Concrete Waterway	0 lf	\$ <u>24.00</u> lf	\$ <u>0.00</u>
8. Sawcut Existing Asphalt	630 lf	\$ <u>4.00</u> lf	\$ <u>2,520.00</u>
9. Adjust existing Manholes to grade	0 ea	\$ <u>350.00</u> ea	\$ <u>0.00</u>
10. Construct 7-inch Crushed Gravel Sub-base	2,879 sy	\$ <u>10.00</u> sy	\$ <u>28,790.00</u>
11. Construct 8-inch Crushed Gravel Sub-base	2,879 sy	\$ <u>10.00</u> sy	\$ <u>28,790.00</u>
12. Construct 3-inch Plant Mix Asphalt Paving	2,879 sy	\$ <u>11.50</u> sy	\$ <u>33,108.50</u>
13. Const. 8-inch Concrete Pad	0 sy	\$ <u>4.00</u> sy	\$ <u>0.00</u>
14. Install Seal-coat and Chip	2,879 sy	\$ <u>2.16</u> sy	\$ <u>6,218.64</u>
<b>TOTAL SECTION II</b>			\$ <u>352,947.14</u>

### **SECTION III**

#### **Grading and Paving**

	<b><u>QUANTITY</u></b>	<b><u>UNIT PRICE</u></b>	<b><u>TOTAL AMOUNT</u></b>
1. Grading of streets to sub-base grade to include grading for utilities within easements adjoining street, surplus material to fill on lots (rough grade prior to utilities construction) fine grade at time road is graveled and paved	1 ls	\$ <u>0.00</u> ls	\$ <u>0.00</u>
2. Imported Site Fill	65,000 cy	\$ <u>12.00</u> cy	\$ <u>780,000.00</u>
<b>TOTAL SECTION III</b>			\$ <u>780,000.00</u>

### **SECTION IV**

#### **Fencing, Lighting, Street Sign, Landscaping and Monuments**

1. Furnish and install Light Pole	4 ea	\$ <u>3,000.00</u> ea	\$ <u>12,000.00</u>
2. Furnish and install Stop Signs	4 ea	\$ <u>400.00</u> ea	\$ <u>1,600.00</u>
3. Furnish and install Survey Monuments	5 ea	\$ <u>750.00</u> ea	\$ <u>3,750.00</u>
<b>TOTAL SECTION IV</b>			\$ <u>17,350.00</u>

### **SECTION V**

#### **Dry Utilities**

1. Trench for Underground Utility Lines	5,680 lf	\$ <u>12.00</u> lf	\$ <u>68,160.00</u>
<b>TOTAL SECTION V</b>			\$ <u>68,160.00</u>

### **SECTION VI**

#### **Stormwater Pollution Prevention Plan**

1. Furnish and Install BMP's, Maintenance and Permitting	1 ls	\$ <u>5,000.00</u> ls	\$ <u>5,000.00</u>
<b>TOTAL SECTION VI</b>			\$ <u>5,000.00</u>

TOTAL OF SECTION I \$ 413,406.00

TOTAL OF SECTION II	\$ <u>352,947.14</u>
TOTAL OF SECTION III	\$ <u>780,000.00</u>
TOTAL OF SECTION IV	\$ <u>17,350.00</u>
TOTAL OF SECTION V	\$ <u>68,160.00</u>
TOTAL OF SECTION VI	\$ <u>5,000.00</u>
SUBTOTAL OF ALL SECTIONS	\$ <u><u>1,636,863.14</u></u>
<b>GRAND TOTAL OF ALL SECTIONS</b>	\$ <u><b>1,636,863.14</b></u>

Work May Be Awarded On Any Or All Sections.

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Contractor

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Contractor's State License No.

\_\_\_\_\_  
By

\_\_\_\_\_  
Type of License

\_\_\_\_\_  
Address

\_\_\_\_\_  
Insurance Agent