

TREASURE
CONCPT UTILITIES
ESTIMATE OF COSTS
December 11, 2017



LAND PLANNING • CIVIL ENGINEERING
SURVEYING • PROJECT MANAGEMENT

PO BOX 2864 PARK CITY, UTAH 84060 435-649-8191

**TREASURE
CONCEPT UTILITY ESTIMATE OF COSTS
SUMMARY
December 11, 2017**

<u>Item</u>	<u>Description</u>	<u>Amount</u>
A	Storm Drain System	\$ 625,370
B	Water & Sewer System	\$ 762,393
C	Gas & Power Utilities	\$ 327,750
	TOTAL	\$ 1,715,513



**TREASURE
CONCEPT STORM DRAIN SYSTEM**

Onsite System

<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>\$/Unit</u>	<u>Total Amount</u>
1	15" HDPE Storm Drain	2,650	LF	45	\$119,250
2	18" HDPE Storm Drain	755	SF	50	\$37,750
3	24" HDPE Storm Drain	135	SF	60	\$8,100
4	Trench Grates	7	EA	3,500	\$24,500
5	Storm Drain Inlets - Road System	15	EA	3,500	\$52,500
6	Storm Drain yard Inlets - Site area	25	EA	3,000	\$75,000
7	Storm Drain Manholes	5	EA	7,500	\$37,500
8	Subterranean Detention/ Infiltration	5,000	SF	20	\$100,000
9	Swale & Landscaped Detention Features	5	EA	2,500	\$12,500
10	18" CMP Culvert	200	LF	60	\$12,000
11	8th Street Outfall Connection	1	EA	5,000	\$5,000
12	6th Street Outfall Connection	1	EA	5,000	\$5,000
Subtotal					\$489,100

Offsite Improvements

<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>\$/Unit</u>	<u>Amount</u>
1	8th Street Outfall Upgrade	255	LF	65	\$16,575
2	9th Street Outfall Upgrade	125	LF	65	\$8,125
3	Storm Drain Manholes	5	CY	6,000	\$30,000
Subtotal					\$54,700
Total					\$543,800
Contingency (15%)					\$81,570
Grand Total					<u><u>\$625,370</u></u>

**TREASURE
CONCEPT WATER SYSTEM**

Water System Onsite

<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>\$/Unit</u>	<u>Amount</u>
1	Exterior 8" DI Water Main w/ Fittings	475	LF	100	\$47,500
2	8" Gate Valves	12	EA	2,000	\$24,000
3	Interior 8" DI Loop w/ Fittings	985	LF	70	\$68,950
4	Fire Hydrants Complete	10	EA	4,500	\$45,000
5	PRV & Regulation Vault/ Station	2	EA	45,000	\$90,000
Sub Total					\$275,450

Water System Offsite

<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>\$/Unit</u>	<u>Amount</u>
1	Exterior 12" DI Water Main w/ Fittings	2,200	LF	150	\$330,000
2	Gate Valves	5	EA	3,500	\$17,500
3	PRV Air Vac & Regulation Vault/ Station	1	EA	40,000	\$40,000
Sub Total					\$387,500
Total					\$662,950
Contingency (15%)					\$99,443
Grand Total					\$762,393



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**TREASURE
CONCEPT SEWER SYSTEM**

Sewer System Onsite

<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>\$/Unit</u>	<u>Amount</u>
1	Connect to main (PCMC ROW)	All Req.	LS	6,000	\$6,000
2	Exterior 8" HDPE Sewer Main	480	LF	75	\$36,000
3	Exterior Sewer Manhole	5	EA	6,000	\$30,000
4	Interior 8" HDPE Sewer Main	750	LF	75	\$56,250
5	Interior Sewer Manhole	12	EA	6,000	\$72,000
6	Lateral Connections	12	EA	5,000	\$60,000
Sub Total					\$260,250

Sewer System Offsite

<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>\$/Unit</u>	<u>Amount</u>
1	8" Empire Avenue SS Main Extention	140	LF	85	\$11,900
2	8" Empire Avenue SS Manhole	3	LF	6,000	\$18,000
Sub Total					\$29,900
Total					\$290,150
Contingency (15%)					\$43,523
Grand Total					\$333,673



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**TREASURE
CONCEPT DRY UTILITIES**

<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>\$/Unit</u>	<u>Amount</u>
Power					
1	Main Power Feed (Power Drop & Service)	All Req.	LS	35,000	\$35,000
2	Internal Power Loop & Private Stubs	All Req.	LS	150,000	\$150,000
3	Transformers	5	EA	20,000	\$100,000
		Sub-Total			\$285,000
		Contingency (15%)			\$42,750
		Total			\$327,750
 Gas					
1	Gas Service to Project from Main	1	EA	10,000	\$10,000
2	Regulator Station	1	EA	75,000	\$75,000
		Sub-Total			\$85,000
		Contingency (15%)			\$12,750
		Total			\$97,750