

MOUNTAINSIDE VILLAGE - PHASE 3A - ENGINEER'S ESTIMATE					
	Rendezvous Engineering - 6/7/21				
No.	Item	Unit	Quantity	Unit Price	Extension
	GENERAL				
1	Mobilization	LS	1	\$7,500	\$7,500
	EXCAVATION				
2	Topsoil Stripping and Stockpiling	CY	2,000	\$8	\$16,000
	UTILITIES				
3	Utility Trenching	LF	1,200	\$15	\$18,000
4	Power Installation (allowance)	LS	1	\$100,000	\$100,000
5	Communications Installation (allowance)	LS	1	\$50,000	\$50,000
6	4" Sch 40 PVC Utility Sleeves (Est. 3 @ Wire Utility Crossings)	LF	1,200	\$6	\$7,200
7	6" Sch 35 PVC Utility Sleeves (Irrigation Crossings)	LF	0	\$8	\$0
	ROAD AND PATHWAY STRUCTURE				
8	Pit-Run Subbase (on site)	CY	1,500	\$10	\$15,000
9	Crushed Base, Grading H (Commercial Source)	TON	900	\$18	\$16,200
10	Asphalt Concrete Pavement (0.2' Thick)	TON	500	\$125	\$62,500
10A	Street Signs	EA	5	\$350	\$1,750
10B	Street Lights (solar)	LS	3	\$2,800	\$8,400
	WATER				
11	8" DIP Water Main, Class 350, C-151 (Roadway Areas)	LF	1,455	\$50	\$72,750
12	8" DIP Tee	EA	2	\$1,000	\$2,000
13	8" DIP Fitting	EA	8	\$880	\$7,040
14	8" Gate Valve	EA	6	\$1,700	\$10,200
14A	8" End Caps	EA	2	\$600	\$1,200
15	10" DIP Water Main, Class 350, C-151 (Roadway Areas)	LF	0		\$0
16	10" DIP Tee	EA	0		\$0
17	10" DIP Fitting	EA	0		\$0
18	10" Gate Valve	EA	0		\$0
19	Pipeline Insulation	LF	0		\$0
20	Fire Hydrant, complete	EA	3	\$4,000	\$12,000
21	1" PE Class 160 IPS	LF	1,000	\$20	\$20,000
22	1 1/2" PE Class 160 IPS	LF	0		\$0

No.	Item	Unit	Quantity	Unit Price	Extension
23	1"Corp Stop / Saddle Water Service Connection	EA	24	\$500	\$12,000
24	1 1/2 "Corp Stop / Saddle Water Service Connection	EA	0		\$0
25	Single Service Meter Box 1" X 1"	EA	24	\$1,000	\$24,000
26	Duplex Service Meter Box, 1 1/2 " X (2) 1"	EA	0		\$0
27	1" Curb Stop and Box	EA	24	\$500	\$12,000
28	1 1/2 " Curb Stop and Box	EA	0		
	SANITARY SEWER				
29	8" PVC Sewer Main (10'-12' Deep)	LF	340	\$50	\$17,000
30	8" PVC Sewer Main (12'-14' Deep)	LF	810	\$56	\$45,360
31	4" PVC Sanitary Sewer Service	LF	1,150	\$35	\$40,250
32	4" Sanitary Sewer Service Connection on 8 inch main	EA	24	\$200	\$4,800
33	Standard Sanitary Sewer Manhole (4' Dia, 6 foot deep)	EA	5	\$3,000	\$15,000
34	Manhole Vertical Depth	VF	32	\$200	\$6,400
35	Sewer / Water Crossing	EA	2	\$900	\$1,800
	CONCRETE				
36	Concrete Ribbon Curb	LF	1,920	\$20	\$38,400
37	Concrete Sidewalk (4" Thk.)	SF	8,200	\$7	\$53,300
38	Curb Prep	LF	1,920	\$5	\$9,600
	RECLAMATION				
39	Topsoil (4" Deep, On-Site Source) edge of road	CY	250	\$25	\$6,250
40	Revegetation Seeding	AC	0.5	\$10,000	\$5,000
	OVERALL CONSTRUCTION TOTAL				\$718,900
	Construction Phase Services, QA/QC	7.50%			\$53,918
	TOTAL PROJECT				\$772,818

MOUNTAINSIDE VILLAGE – STREET TREES

Phase	Item	Unit	Quantity	Unit Price	Extension
3A	Street Trees	EA	49	\$ 350	\$ 17,150
3B	Street Trees	EA	36	\$ 350	\$ 12,600
TOTAL			85		\$ 29,750

MOUNTAINSIDE VILLAGE IRRIGATION				
PHASE 3A				
Item	Unit	Quantity	Unit Price	Extension
4" HPDE	FT	1400	8	\$ 11,200
2" HPDE	FT	1030	6	\$ 6,180
Wire	FT	2430	1	\$ 2,430
4" Gate Valve	EA	5	850	\$ 4,250
2" Gate Valve	EA	5	550	\$ 2,750
Curb stop	EA	14	500	\$ 7,000
Ground Rod	EA	2	250	\$ 500
Drip Lines	FT	1000	3.75	\$ 3,750
Drip Rings	EA	59	20	\$ 1,180
Drip Valves	EA	5	50	\$ 250
Controller	EA	1	3700	\$ 3,700
Flow Station	EA	1	1800	\$ 1,800
Bicoder 4 Station	EA	2	600	\$ 1,200
Bicoder 2 Station	EA	4	450	\$ 1,800
TOTAL				\$ 47,990
PHASE 3B				
Item	Unit	Quantity	Unit Price	Extension
4" HPDE	FT	860	8	\$ 6,880
2" HPDE	FT	810	6	\$ 4,860
Wire	FT	1670	1	\$ 1,670
4" Gate Valve	EA	12	850	\$ 10,200
2" Gate Valve	EA	10	550	\$ 5,500
Curb stop	EA	6	500	\$ 3,000
Ground Rod	EA	2	250	\$ 500
Drip Lines	FT	1950	3.75	\$ 7,313
Drip Rings	EA	36	20	\$ 720
Drip Valves	EA	5	50	\$ 250
Controller	EA	0	3700	\$ -
Flow Station	EA	0	1800	\$ -
Bicoder 4 Station	EA	2	600	\$ 1,200
Bicoder 2 Station	EA	4	450	\$ 1,800
TOTAL				\$ 43,893
COMBINED TOTAL				\$ 91,883

**MOUNTAINSIDE VILLAGE / PHASE 3 INFRASTRUCTURE / PRELIMINAR
COST ESTIMATES**

	3A	3B	TOTAL
GENERAL CIVIL IMPROVEMENTS	\$772,818	\$819,150	\$1,591,968
STREET TREES	\$17,150	\$12,600	\$29,750
IRRIGATION	\$47,990	\$43,893	\$91,883
TOTALS	\$837,958	\$875,643	\$1,713,600