

MOUNTAINSIDE VILLAGE - PHASE 3B - 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	4,100	\$8	\$32,800
UTILITIES					
3	Utility Trenching	LF	2,050	\$15	\$30,750
4	Power Installation (allowance)	LS	1	\$60,000	\$60,000
5	Communications Installation	LS	1	\$28,000	\$28,000
6	4" Sch 40 PVC Utility Sleeves (Est. 3 @ Wire Utility Crossings)	LF	2,050	\$6	\$12,300
7	6" Sch 35 PVC Utility Sleeves (Irrigation Crossings)	LF	0	\$8	\$0
ROAD AND PATHWAY STRUCTURE					
8	Pit-Run Subbase (on site)	CY	2,600	\$15	\$39,000
9	Crushed Base, Grading H (Commercial Source)	TON	1,200	\$18	\$21,600
10	Asphalt Concrete Pavement (0.2' Thick)	TON	820	\$125	\$102,500
10A	Street Signs	EA	5	\$350	\$1,750
10B	Street Lights (solar)	LS	4	\$2,800	\$11,200
WATER					
11	8" DIP Water Main, Class 350, C-151 (Roadway Areas)	LF	1,685	\$50	\$84,250
12	8" DIP Tee	EA	3	\$1,000	\$3,000
13	8" DIP Fitting	EA	1	\$880	\$880
14	8" Gate Valve	EA	9	\$1,700	\$15,300
14A	8" End Cap	EA	4	\$600	\$2,400
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	5	\$4,000	\$20,000
21	1" PE Class 160 IPS	LF	350	\$20	\$7,000
22	1 1/2" PE Class 160 IPS	LF	0		
23	1"Corp Stop / Saddle Water Service Connection	EA	16	\$500	\$8,000
24	1 1/2 "Corp Stop / Saddle Water Service Connection	EA	0		\$0
25	Single Service Meter Box 1" X 1"	EA	16	\$1,000	\$16,000
26	Duplex Service Meter Box, 1 1/2 " X (2) 1"	EA	0		\$0
27	1" Curb Stop and Box	EA	16	\$500	\$8,000
28	1 1/2 " Curb Stop and Box	EA	0		\$0
SANITARY SEWER					
29	8" PVC Sewer Main (10'-12' Deep)	LF	640	\$50	\$32,000
30	8" PVC Sewer Main (12'-14' Deep)	LF	320	\$56	\$17,920

No.	Item	Unit	Quantity	Unit Price	Extension
31	4" PVC Sanitary Sewer Service	LF	760	\$35	\$26,600
32	4" Sanitary Sewer Service Connection on 8 inch main	EA	16	\$200	\$3,200
33	Standard Sanitary Sewer Manhole (4' Dia, 6 foot deep)	EA	4	\$3,000	\$12,000
34	Manhole Vertical Depth	VF	43	\$200	\$8,600
35	Sewer / Water Crossing	EA	2	\$900	\$1,800
	CONCRETE				
36	Concrete Ribbon Curb	LF	3,260	\$20	\$65,200
37	Concrete Sidewalk (4" Thk.)	SF	8,100	\$7	\$52,650
38	Curb Prep	LF	3,260	\$5	\$16,300
	RECLAMATION				
39	Topsoil (4" Deep, On-Site Source)	CY	300	\$25	\$7,500
40	Revegetation Seeding	AC	0.6	\$10,000	\$6,000
	OVERALL CONSTRUCTION TOTAL				\$762,000
	Construction Phase Services, QA/QC	7.50%			\$57,150
					\$819,150

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