

BALLPARK OPINION OF PROBABLE CONSTRUCTION COST

CHARLOTTE SENIOR CENTER

AHEAD OF THE STORM

Charlotte, Vermont

MMI #3452-22

October 3, 2016

Engineering,
Landscape Architecture
and Environmental Science



Item	ITEM/DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST
	BIO-RETENTION AREA				
1	Labor to Install Underdrain and Piping	HR	16	\$35	\$560
2	Labor to Install Plants	HR	12	\$35	\$420
3	Labor to Restore Site	HR	4	\$35	\$140
4	Excavator Rental / Operator	HR	8	\$110	\$880
5	Haul Materials On or Off Site	LOAD	8	\$100	\$800
6	Drainage Pipe and Fittings for Underdrain	LS	1	\$250	\$250
7	Ammended Soil for Bio-Retention Area	CY	24	\$45	\$1,080
8	Stone for Underdrain	CY	4	\$18	\$72
9	Mulch	CY	6	\$45	\$270
10	Plants	LS	1	\$1,000	\$1,000
	HYDRODYNAMIC SEPARATOR				
11	Contech CDS 2015-4 Unit, Delivered	LS	1	\$8,000	\$8,000
12	Installation of CDS Unit	LS	1	\$6,500	\$6,500
13	Rental of Crane	HR	4	\$130	\$520
14	Pipe and Fittings for Connections	LS	1	\$500	\$500
15	Minor Items	LS	1	\$500	\$500
16	Labor to Restore Site	HR	8	\$35	\$280
	SWALE IMPROVEMENTS				
17	Labor to Install Check Dams	HR	4	\$35	\$140
18	Labor to Install Erosion Matting, Seed, Restore Site	HR	12	\$35	\$420
19	Excavator Rental / Operator	HR	4	\$110	\$440
20	Haul Materials On or Off Site	LOAD	2	\$100	\$200
21	Stone for Check Dams	TN	12	\$10	\$120
22	Temporary Erosion Matting and Staples	ROLL	4	\$115	\$460
	CONSTRUCTION - MISCELLANEOUS				
23	Mobilization / Demobilization / Site Recovery	LS	1	\$1,000	\$1,000
	ENGINEERING SERVICES				
24	Final Engineering Details	HR	40	\$113	\$4,520
25	Construction Implementation Guidance	HR	16	\$113	\$1,808
	BIO-RETENTION AREA SUBTOTAL				\$5,472
	HYDRODYNAMIC SEPARATOR SUBTOTAL				\$16,300
	SWALE IMPROVEMENTS SUBTOTAL				\$1,780
	CONSTRUCTION - MISCELLANEOUS SUBTOTAL				\$1,000
	ENGINEERING SERVICES SUBTOTAL				\$6,328
	TOTAL (ROUNDED)				\$31,000