

GENERAL SUMMARY

Project Name: Repair Water Line B462, B500 Offutt Air Force Base, Nebraska

Project ID: 1020-05

Scope: Repair Water Line



ACE SERVICES

SITE GSF 3,928

DIVISION NO.	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	GENERAL REQUIREMENTS	\$ 17,000	\$ 4.33
2000	EXISTING CONDITIONS	\$ 18,025	\$ 4.59
31000	EARTHWORK	\$ 37,670	\$ 9.59
32000	EXTERIOR IMPROVEMENTS	\$ 18,844	\$ 4.80
33000	UTILITIES	\$ 115,975	\$ 29.53
34000	TRANSPORTATION MANUFACTURERS	\$ 2,395	\$ 0.61
TOTAL TRADE COST		\$ 209,908	\$ 53
OVERHEAD AND PROFIT	20%	\$ 41,982	\$ 10.69
INSURANCE	3%	\$ 6,297	\$ 1.60
CONTINGENCY	5%	\$ 10,495	\$ 2.67
TAX	5%	\$ 9,446	\$ 2.40
SUGGESTED BID		\$ 278,128	\$ 70.81

DETAILED BREAKDOWN OF ITEMS

Project Name: Repair Water Line B462, B500 Offutt Air Force Base, Nebraska
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ACE SERVICES

Date: 27-Mar-25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	30.000	\$ 50.00	\$ 1,500.00	\$ -	\$ 1,500.00	\$ 1,500
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ 50.00	\$ -	\$ -	\$ -	\$ -
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ 50.00	\$ -	\$ -	\$ -	\$ -
4			Final Cleaning	LS	1	0%	1	75.000	\$ 50.00	\$ 3,750.00	\$ -	\$ 3,750.00	\$ 3,750
5			Mobilization Costs	LS	1	0%	1	100.000	\$ 50.00	\$ 5,000.00	\$ -	\$ 5,000.00	\$ 5,000
6			Temporary Control & Facilities	LS	1	0%	1	135.000	\$ 50.00	\$ 6,750.00	\$ -	\$ 6,750.00	\$ 6,750
7			Scaffolding	LS	1	0%	1	0.000	\$ 50.00	\$ -	\$ -	\$ -	\$ -
												SUBTOTAL \$	17,000
EXISTING CONDITION													
SITE DEMO													
8	C0.1-C3.2	Plan Notes	Remove Valve Box	EA	2	0%	2	3.250	\$ 45.52	\$ 147.94	\$ -	\$ 147.94	\$ 296
9			Remove Portland Cement Concrete Pavement	SF	1063	0%	1063	0.095	\$ 45.52	\$ 4.32	\$ -	\$ 4.32	\$ 4,595
10			Remove 10" x 10" x 10" Tee	EA	1	0%	1	3.800	\$ 45.52	\$ 172.98	\$ -	\$ 172.98	\$ 173
11			Remove 10" Water Main Valve	EA	1	0%	1	9.220	\$ 45.52	\$ 419.69	\$ -	\$ 419.69	\$ 420
			ABANDON WATER MAIN										
12			Abandon 10" Dia Water Main -Flowable Fill Method	LF	190	0%	190	1.450	\$ 45.52	\$ 66.00	\$ -	\$ 66.00	\$ 12,541
												SUBTOTAL \$	18,025

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EARTHWORK													
			CLEARING AND GRUBBING										
13	C0.1-C3.2	Plan Notes	Clearing And Grubbing Site From All Types Of Vegetation And Debris Etc.	SF	3928	10%	4321	0.010	\$ 132.75	\$ 1.26	\$ -	\$ 1.26	\$ 5,449
			EROSION AND SEDIMENT CONTROL										
14			Seeding W/Erosion Control Blanket	SF	3270	10%	3597	0.005	\$ 132.75	\$ 0.66	\$ 0.15	\$ 0.81	\$ 2,927
15			4" Top soiling	SF	3270	10%	3597	0.008	\$ 132.75	\$ 1.06	\$ 0.54	\$ 1.60	\$ 5,762
			EXCAVATION AND FILL										
16			Excavation	CY	231	10%	254	0.400	\$ 132.75	\$ 53.10	\$ -	\$ 53.10	\$ 13,499
17			Backfill	CY	229	10%	252	0.300	\$ 132.75	\$ 39.83	\$ -	\$ 39.83	\$ 10,032
												SUBTOTAL \$	37,670
EXTERIOR IMPROVEMENTS													
			PAVEMENT AND SIDEWALKS										
18	C0.1-C3.2	Plan Notes	8" Thk Portland Cement Concrete Pavement -4000 PSI	SF	1077	10%	1185	0.111	\$ 52.61	\$ 5.85	\$ 9.01	\$ 14.86	\$ 17,602
19			Contraction Joint -1/8" D x 1/4" W Sawed Poured Joint Sealant	LF	49	10%	54	0.038	\$ 52.61	\$ 2.00	\$ -	\$ 2.00	\$ 108
20			Sawed Longitudinal Joint -1/8" D x 1/4" W Sawed Poured Joint Sealant #5 Dowel Bar @ 48" O.C (2'-6" Long)	LF	43	10%	47	0.035	\$ 52.61	\$ 1.84	\$ 1.75	\$ 3.59	\$ 170
21			#5 Epoxy Coated Drilled Dowel Bar @ 30" O.C (24" Long) @ Existing To New Pavement	LBS	21	10%	23	0.025	\$ 52.61	\$ 1.32	\$ 1.50	\$ 2.82	\$ 65
			-1/8" D x 1/4" W Sawed Poured Joint Sealant										
			CONCRETE CURB										
22			6" W x 14" H Integral Concrete Curb	LF	45	10%	50	0.115	\$ 52.61	\$ 6.05	\$ 12.12	\$ 18.17	\$ 899
												SUBTOTAL \$	18,844

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UTILITIES														
			WATER UTILITIES											
23	C0.1-C3.2	Plan Notes	10" Dia Ductile Iron Water Pipe (Base Bid) OR 10" Dia PVC Water Main (Alternate)	LF	186	10%	205	1.029	\$ 88.50	\$ 91.07	\$ 73.22	\$ 164.28	\$ 33,612	
24			8" Dia Ductile Iron Water Pipe -Connect New 10" Dia Water Main W/This 8" Water Main By Hot Tapping Procedure.	LF	12	10%	13	0.823	\$ 88.50	\$ 72.85	\$ 58.57	\$ 131.43	\$ 1,735	
			MISC											
25			11.25 Deg Bend-10" Dia Water Main	EA	3	0%	3	7.644	\$ 88.50	\$ 676.51	\$ 1,019.23	\$ 1,695.74	\$ 5,087	
26			22.5 Deg Bend-10" Dia Water Main	EA	1	0%	1	8.409	\$ 88.50	\$ 744.17	\$ 1,121.15	\$ 1,865.32	\$ 1,865	
27			8" MJ Gate Valve	EA	2	0%	2	20.400	\$ 88.50	\$ 1,805.40	\$ 2,280.00	\$ 4,085.40	\$ 8,171	
28			8" x 8" x 8" Tee	EA	1	0%	1	5.839	\$ 88.50	\$ 516.72	\$ 778.48	\$ 1,295.20	\$ 1,295	
29			8" x 10" MJ Reducer	EA	1	0%	1	4.142	\$ 88.50	\$ 366.57	\$ 552.27	\$ 918.84	\$ 919	
30			8" MJ Oversize Sleeves	EA	2	0%	2	3.336	\$ 88.50	\$ 295.25	\$ 444.82	\$ 740.07	\$ 1,480	
31			10" MJ Gate Valve -Cast Iron Extension Service Box -15" x 15" x 6" Thk Concrete Pad	EA	1	0%	1	25.500	\$ 88.50	\$ 2,256.75	\$ 3,077.81	\$ 5,334.56	\$ 5,335	
32			10" MJ Oversize Sleeves	EA	1	0%	1	4.170	\$ 88.50	\$ 369.06	\$ 556.03	\$ 925.09	\$ 925	
33			10" MJ Sleeve W/Box	EA	2	0%	2	3.188	\$ 88.50	\$ 282.09	\$ 425.00	\$ 707.09	\$ 1,414	
34			10" MJ Plug	EA	2	0%	2	2.560	\$ 88.50	\$ 226.54	\$ 227.54	\$ 454.08	\$ 908	
35			Temporary Combination Blowoff & Sampling Tap -Material Shall Be Smooth Copper, SCH 80 PVC And Brass Fittings.	EA	1	0%	1	8.200	\$ 88.50	\$ 725.70	\$ 1,595.00	\$ 2,320.70	\$ 2,321	
			UTILITY BORING AND JACKING											
36			Bore And Jack Water Main - Boring And Jacking Machine	LF	115	10%	127	3.720	\$ 88.50	\$ 329.22	\$ 73.22	\$ 402.44	\$ 50,908	
												SUBTOTAL \$	115,975	
TRANSPORTATION MANUFACTURERS														
			TRAFFIC CONTROL EQUIPMENTS											
37	C0.1-C3.2	Plan Notes	Traffic Cone	EA	9	0%	9	0.750	\$ 88.50	\$ 66.38	\$ 28.96	\$ 95.34	\$ 858	
38			Type II Barricade	EA	5	0%	5	2.250	\$ 88.50	\$ 199.13	\$ 108.30	\$ 307.43	\$ 1,537	
												SUBTOTAL \$	2,395	
PROJECTED COST												\$209,908		
												OVERHEAD AND PROFIT	20%	\$41,982
												INSURANCE	3%	\$6,297
												CONTINGENCY	5%	\$10,495
												TAX	4.5%	\$9,446
SUGGESTED BID												\$278,128		