



**Municipality of Anchorage**  
**Public Works Department**  
**Project Management and Engineering Division**  
**2016 BID TABS**



Spec #	Work Description	Quantities	Units	Low Bid	Average Bid	High Bid	# Bids
20.02 M	Stormwater Pollution Prevention Plan	1	L.S.	\$50.00	\$14,349.16	\$255,000.00	178
20.03 M	Exploratory Test Pits	1 -20	HR.	\$190.00	\$262.10	\$485.00	5
20.03 SP	Exploratory Test Pits	1 -25	EA.	\$225.00	\$1,325.16	\$4,500.00	20
20.04 M	Clearing & Grubbing	0 -1	Acre	\$1,580.00	\$20,612.78	\$51,900.00	40
20.04 M	Clearing & Grubbing	1 -50	Acre	\$515.00	\$928.75	\$2,100.00	8
20.04 M	Clearing & Grubbing	1	L.S.	\$750.00	\$13,079.13	\$79,000.00	131
20.06 M	Tree Removal	1 -5	EA.	\$284.00	\$352.80	\$500.00	5
20.06 M	Tree Removal	> 5	EA.	\$130.00	\$283.61	\$500.00	18
20.07 M	Remove Existing Sidewalk or Concrete Apron	1 -200	S.Y.	\$5.00	\$22.78	\$70.00	43
20.07 M	Remove Existing Sidewalk or Concrete Apron	> 200	S.Y.	\$5.50	\$15.06	\$39.00	28
20.08 M	Remove Existing Curb and Gutter	1 -1000	L.F.	\$2.90	\$12.89	\$30.00	65
20.08 M	Remove Existing Curb and Gutter	> 1000	L.F.	\$2.20	\$7.98	\$15.00	32
20.09 M	Remove Existing Pavement	1 -200	S.Y.	\$2.00	\$9.78	\$36.00	23
20.09 M	Remove Existing Pavement	201 - 500	S.Y.	\$1.75	\$6.38	\$41.00	34
20.09 M	Remove Existing Pavement	501 -5000	S.Y.	\$2.00	\$4.84	\$17.00	56
20.09 M	Remove Existing Pavement	> 5000	S.Y.	\$0.75	\$2.64	\$5.00	21
20.10 SP	Unclassified Excavation	1 -50,000	C.Y.	\$18.00	\$33.67	\$53.00	3
20.10 M	Unusable Excavation	1 -100	C.Y.	\$7.00	\$16.89	\$28.00	9
20.10 M	Unusable Excavation	100 -1000	C.Y.	\$7.50	\$20.52	\$36.00	74
20.10 M	Unusable Excavation	> 1000	C.Y.	\$5.75	\$16.85	\$30.00	75
20.10 M	Usable Excavation	1 -5000	C.Y.	\$2.00	\$15.60	\$50.00	50
20.10 M	Usable Excavation	> 5000	C.Y.	\$4.40	\$6.58	\$9.00	10
20.11 SP	Grading Existing Surfaces	1 -10,000	S.Y.	\$1.00	\$2.58	\$5.00	10
20.12 M	Trench Dewatering	1	L.S.	\$100.00	\$20,282.33	\$113,000.00	79
20.13 M	Trench Excavation and Backfill (Various Depths)	1 -5000	L.F.	\$3.00	\$34.54	\$129.00	132
20.15 M	Furnish Trench Backfill (Type II)	1 -3000	Ton	\$11.00	\$20.08	\$35.71	46

Spec #	Work Description	Quantities	Units	Low Bid	Average Bid	High Bid	# Bids
20.16 M	Bedding Material (Class B)	1 -5000	Ton	\$15.00	\$27.60	\$42.00	15
20.16 M	Bedding Material (Class C)	1 -100	Ton	\$15.00	\$28.13	\$42.00	15
20.16 M	Bedding Material (Class C)	> 100	Ton	\$18.00	\$25.48	\$32.60	13
20.16 M	Bedding Material (Class D)	1 -10,000	Ton	\$3.20	\$34.08	\$70.00	48
20.16 M	Bedding Material (Class B)	1 -10,000	L.F.	\$19.00	\$26.50	\$41.00	6
20.16 M	Bedding Material (Class D)	1 -10,000	L.F.	\$13.00	\$33.80	\$56.00	22
20.17 M	Filter Material (Type C)	1 -5000	Ton	\$24.00	\$38.31	\$75.00	40
20.18 M	Drain Rock	1 -2000	Ton	\$26.00	\$38.61	\$64.00	32
20.19 M	Foundation Backfill (Type II)	1 -3000	Ton	\$11.25	\$21.58	\$33.00	21
20.20 M	Unclassified Fill & Backfill	1 -30,000	C.Y.	\$5.00	\$8.86	\$16.00	5
20.21 M	Classified Fill and Backfill (Type II)	1 -500	Ton	\$10.00	\$22.34	\$41.00	52
20.21 M	Classified Fill and Backfill (Type II)	501 - 5000	Ton	\$10.00	\$19.94	\$40.00	20
20.21 M	Classified Fill and Backfill (Type II)	> 5000	Ton	\$10.50	\$15.60	\$26.00	22
20.21 M	Classified Fill and Backfill (Type IIA)	1 -500	Ton	\$15.50	\$27.39	\$50.00	90
20.21 M	Classified Fill and Backfill (Type IIA)	501 -5000	Ton	\$12.00	\$21.74	\$40.00	91
20.21 M	Classified Fill and Backfill (Type IIA)	> 5000	Ton	\$11.40	\$16.41	\$26.00	22
20.21 M	Classified Fill and Backfill (Type III)	1 -100	Ton	\$10.00	\$16.30	\$23.00	5
20.21 M	Classified Fill and Backfill (Type III)	101 -5000	Ton	\$5.00	\$11.70	\$21.00	9
20.21 M	Classified Fill and Backfill (Type III)	> 5000	Ton	\$12.00	\$16.57	\$25.00	6
20.22 M	Leveling Course	1 -500	Ton	\$24.00	\$40.19	\$80.00	142
20.22 M	Leveling Course	> 500	Ton	\$25.50	\$34.74	\$42.00	25
20.23 M	Cobbles	1 -200	Ton	\$29.00	\$40.80	\$46.00	5
20.24 M	Rip Rap (Class I)	1 -100	Ton	\$52.50	\$137.95	\$356.65	38
20.24 M	Rip Rap (Class I)	> 100	Ton	\$35.00	\$49.60	\$67.00	5
20.24 M	Rip Rap (Class II)	1 -100	Ton	\$90.00	\$157.70	\$230.00	5
20.24 M	Rip Rap (Class I)	1 -100	C.Y.	\$150.00	\$504.32	\$750.00	19
20.25 M	Geotextile Fabric (Type A - Separation)	1 - 500	S.Y.	\$1.25	\$3.03	\$5.00	5
20.25 M	Geotextile Fabric (Type A - Separation)	500 -10,00	S.Y.	\$1.00	\$1.87	\$4.22	49
20.25 M	Geotextile Fabric (Type A - Separation)	> 10,000	S.Y.	\$0.80	\$1.53	\$2.40	22
20.25 M	Geotextile Fabric (Type C - Impervious)	1 -10,000	S.Y.	\$1.00	\$2.78	\$4.90	16

Spec #	Work Description	Quantities	Units	Low Bid	Average Bid	High Bid	# Bids
20.25 SP	Geotextile Membrane (non-woven)	1 -10,000	S.Y.	\$2.00	\$4.45	\$8.00	6
20.25 SP	Geogrid for Subbase Reinforcement	> 1000	S.Y.	\$1.70	\$2.34	\$3.00	10
20.26 M	Insulation Board (R=4.5)	> 1000	S.F.	\$0.80	\$1.29	\$2.00	12
20.26 M	Insulation Board (R=9)	1 -1000	S.F.	\$2.00	\$4.90	\$8.00	11
20.26 M	Insulation Board (R=9)	> 1000	S.F.	\$1.22	\$2.03	\$4.00	12
20.26 M	Insulation Board (R=18)	1 -1000	S.F.	\$1.50	\$4.13	\$7.00	19
20.26 M	Insulation Board (R=18)	> 1000	S.F.	\$2.65	\$3.61	\$5.00	33
20.26 M	Insulation Board (R=20)	1 -500	S.F.	\$3.00	\$4.80	\$8.00	17
20.26 M	Insulation Board (R=20)	> 500	S.F.	\$3.00	\$4.24	\$8.00	22
20.27 M	Disposal of Unsuitable or Surplus Material	1 -5000	C.Y.	\$8.00	\$17.85	\$40.00	97
20.28 SP	Existing Driveway Reconstruction, Asphalt	1 -50	EA.	\$1,200.00	\$3,135.99	\$9,200.00	42
20.28 SP	Existing Driveway Reconstruction, Gravel	1 -50	EA.	\$500.00	\$1,647.83	\$7,500.00	41
20.28 M	Existing Driveway Reconstruction, Asphalt	1 -10,000	S.Y.	\$23.00	\$64.04	\$136.00	26
20.30 SP	Shoring, Sheeting and Bracing	1	L.S.	\$1,000.00	\$6,810.00	\$10,000.00	4
30.02 M	P.C.C. Curb & Gutter (All Types)	1 -100	L.F.	\$50.00	\$79.59	\$140.00	13
30.02 M	P.C.C. Curb & Gutter (All Types)	101 -1000	L.F.	\$27.50	\$41.15	\$53.00	13
30.02 M	P.C.C. Curb & Gutter (All Types)	> 1000	L.F.	\$22.00	\$36.78	\$93.50	44
30.02 M	P.C.C. Curb & Gutter (Type I)	1 -5000	L.F.	\$24.00	\$44.41	\$79.00	21
30.02 M	P.C.C. Curb & Gutter (Type II)	1 -50	L.F.	\$28.00	\$45.76	\$79.50	15
30.02 M	P.C.C. Curb & Gutter (Type II)	51 -200	L.F.	\$30.00	\$34.15	\$39.50	5
30.02 M	P.C.C. Curb & Gutter (Type II)	> 200	L.F.	\$25.00	\$37.22	\$60.00	15
30.02 M	P.C.C. Valley Gutter	1 -500	L.F.	\$23.00	\$50.32	\$90.00	21
30.02 M	Curb Nose	1 -20	EA.	\$700.00	\$1,589.38	\$2,300.00	8
30.03 M	P.C.C. Sidewalk (4" Thick) (Standard Finish)	1 -150	S.Y.	\$55.00	\$88.76	\$158.00	33
30.03 M	P.C.C. Sidewalk (4" Thick) (Standard Finish)	> 150	S.Y.	\$43.00	\$60.15	\$76.00	33
30.03 M	P.C.C. Sidewalk (4" Thick) (Aggregate Finish)	1 -150	S.Y.	\$75.00	\$126.28	\$194.40	5
30.03 M	P.C.C. Sidewalk (6" Thick) (Standard Finish)	1 -50	S.Y.	\$66.00	\$106.62	\$174.00	20
30.03 M	P.C.C. Sidewalk (6" Thick) (Standard Finish)	51 -150	S.Y.	\$75.00	\$92.86	\$150.00	7
30.03 M	P.C.C. Sidewalk (6" Thick) (Standard Finish)	> 150	S.Y.	\$46.00	\$71.57	\$137.00	29
30.03 M	P.C.C. Sidewalk (6" Thick) (Aggregate Finish)	1 -50	S.Y.	\$75.00	\$126.80	\$194.00	5

Spec #	Work Description	Quantities	Units	Low Bid	Average Bid	High Bid	# Bids
30.04 M	Detectable Warnings	1 -500	S.F.	\$45.00	\$84.40	\$150.00	22
30.04 M	P.C.C. Curb Ramp	1 -100	EA.	\$1,750.00	\$3,245.64	\$6,600.00	64
30.04 M	P.C.C. Curb Ramp	> 100	S.Y.	\$130.00	\$276.30	\$787.00	15
30.05 M	P.C.C. Structures/Retaining Walls	1 -25	C.Y.	\$710.00	\$1,455.13	\$2,668.00	14
30.05 M	P.C.C. Structures/Retaining Walls	> 25	C.Y.	\$350.00	\$899.18	\$1,234.00	17
30.06 SP	Relocate Modular Block Retaining Wall	1 -500	S.F.	\$56.00	\$64.75	\$73.00	4
30.09 M	Concrete Parking Bumpers (7" Long)	1 -50	EA.	\$150.00	\$158.80	\$170.00	5
30.10 M	Colored Concrete (6" Thick)	> 100	S.Y.	\$85.00	\$102.94	\$133.70	5
30.10 M	Colored Concrete (6" Thick) (White)	1 -500	S.Y.	\$200.00	\$336.84	\$523.00	5
30.10 M	Colored Concrete (4" Thick) (Imprinted)	1 -100	S.Y.	\$230.00	\$301.83	\$391.00	12
30.10 M	Colored Concrete (6" Thick) (Imprinted)	1 -200	S.Y.	\$95.00	\$237.77	\$450.00	10
30.10 M	Colored Concrete (6" Thick) (Imprinted)	> 200	S.Y.	\$165.00	\$191.00	\$220.00	4
30.11 M	Sidewalk Joint Sealant	1 -200	L.F.	\$8.00	\$12.82	\$23.70	5
30.11 M	Sidewalk Joint Sealant	> 200	L.F.	\$5.00	\$9.16	\$13.20	5
40.02 M	Asphalt for Seal Coat	1 -100	Ton	\$100.00	\$134.25	\$230.00	4
40.04 M	Tack Coat	> 1	Ton	\$100.00	\$644.31	\$950.00	18
40.05 M	Crack and Joint Sealant	1 -1000	L.F.	\$2.00	\$6.41	\$12.70	14
40.06 M	A.C. Pavement (Class A)	1 -500	Ton	\$105.00	\$150.67	\$206.00	15
40.06 M	A.C. Pavement (Class A)	> 500	Ton	\$110.70	\$127.95	\$155.00	20
40.06 M	A.C. Pavement (Class D)	1 -100	Ton	\$90.00	\$148.57	\$275.00	74
40.06 M	A.C. Pavement (Class D)	101 -500	Ton	\$100.00	\$146.00	\$229.00	14
40.06 M	A.C. Pavement (Class D)	> 500	Ton	\$105.00	\$118.72	\$136.00	5
40.06 M	A.C. Pavement (Class E)	1 -100	Ton	\$105.00	\$167.17	\$275.00	14
40.06 M	A.C. Pavement (Class E)	101 -500	Ton	\$93.50	\$132.64	\$229.00	28
40.06 M	A.C. Pavement (Class E)	> 500	Ton	\$83.00	\$101.95	\$140.00	37
40.08 M	Furnish and Install R.A.P.	1 -100	Ton	\$25.00	\$38.68	\$65.00	21
40.08 M	Furnish and Install R.A.P.	101 -500	Ton	\$29.00	\$53.83	\$152.00	18
40.08 M	Furnish and Install R.A.P.	> 500	Ton	\$29.00	\$65.85	\$164.50	10
40.09 M	B.S.T. Cover Aggregate	1 -100	Ton	\$150.00	\$180.15	\$250.00	5
40.10 M	Pavement Rotomilling	1 -20,000	S.Y.	\$3.00	\$4.13	\$5.00	4

Spec #	Work Description	Quantities	Units	Low Bid	Average Bid	High Bid	# Bids
40.11 M	R & R Existing A.C. (Class E)	1 -5000	S.Y.	\$31.00	\$45.05	\$100.00	10
40.12 M	Asphalt Reclamation	> 500	S.Y.	\$2.00	\$3.41	\$6.35	24
40.99 SP	Speed Hump, Permanent Asphalt (13')	1 -100	EA.	\$2,000.00	\$2,475.60	\$2,878.00	5
50.05 M	Connect to Existing Sanitary Manhole	1 -20	EA.	\$100.00	\$589.83	\$1,164.00	6
50.10 M	Sanitary Sewer Service Connect (6")	1 -100	EA.	\$62.00	\$94.00	\$133.00	3
50.16 M	Remove and Replace Manhole Cone Section	1 -10	EA	\$1,050.00	\$1,748.27	\$2,500.00	11
55.02 M	Furnish, Install and Televis 12" CPEP, Type S	1 -100	L.F.	\$19.00	\$63.57	\$101.00	7
55.02 M	Furnish, Install and Televis 12" CPEP, Type S	> 100	L.F.	\$11.50	\$62.18	\$150.00	14
55.02 M	Furnish, Install and Televis 12" CPEP, Type SP	1 -500	L.F.	\$8.50	\$50.45	\$99.00	27
55.02 M	Furnish, Install and Televis 15" CPEP, Type S	1 -100	L.F.	\$27.00	\$56.80	\$83.00	5
55.02 M	Furnish, Install and Televis 15" CPEP Type S	> 100	L.F.	\$16.00	\$45.00	\$78.00	5
55.02 M	Furnish, Install and Televis 18" CPEP, Type S	1 -100	L.F.	\$25.00	\$75.33	\$153.00	20
55.02 M	Furnish, Install and Televis 18" CPEP, Type S	> 100	L.F.	\$20.00	\$54.73	\$100.00	25
55.02 M	Furnish, Install and Televis 24" CPEP, Type S	1 -100	L.F.	\$31.00	\$69.65	\$99.00	10
55.02 M	Furnish, Install and Televis 24" CPEP Type S	> 100	L.F.	\$25.50	\$67.50	\$133.00	27
55.02 M	Furnish, Install and Televis 30" CPEP Type S	1 -10,000	L.F.	\$44.00	\$80.38	\$118.00	9
55.02 M	Furnish, Install and Televis 36" CPEP, Type S	1 -10,000	L.F.	\$52.00	\$137.88	\$212.00	12
55.02 M	Furnish, Install and Televis 48" CPEP, Type S	1 -10,000	L.F.	\$96.00	\$138.25	\$178.00	6
55.03 M	F&I Subdrain w/Geotextile (8" CPEP, Class C Filter)	1 -100	L.F.	\$16.00	\$48.67	\$87.00	15
55.03 M	F&I Subdrain w/Geotextile (8" CPEP, Class C Filter)	> 100	L.F.	\$14.00	\$46.97	\$90.00	17
55.03 M	F&I Subdrain w/Geotextile (12" CPEP, Class C Filter)	1 -500	L.F.	\$28.00	\$44.00	\$57.00	10
55.03 M	F&I Subdrain w/Geotextile (12" CPEP, Class C Filter)	> 500	L.F.	\$26.60	\$57.74	\$90.00	11
55.03 M	F&I Subdrain w/Geotextile (18" CPEP, Class C Filter)	1 -500	L.F.	\$27.00	\$66.37	\$135.00	30
55.03 M	F&I Subdrain w/Geotextile (18" CPEP, Class C Filter)	> 500	L.F.	\$40.00	\$73.73	\$100.00	11
55.03 M	F&I Subdrain w/Geotextile (24" CPEP, Class C Filter)	1 -500	L.F.	\$66.00	\$104.63	\$140.00	12
55.04 M	Connect to Existing Storm Drain Manholes	1 -50	EA.	\$542.00	\$2,051.68	\$4,050.00	25
55.04 M	Connect to Existing Catch Basin	1 -50	EA	\$600.00	\$929.50	\$1,218.00	4
55.05 M	Construct Type I Manhole	1 -25	EA.	\$3,250.00	\$5,644.92	\$13,864.00	65
55.05 M	Construct Type II Manhole	1 -25	EA.	\$6,000.00	\$9,742.90	\$21,250.00	31
55.05 M	Construct Type II Catch Basin/Manhole	1 -25	EA.	\$5,000.00	\$8,638.60	\$15,000.00	62

Spec #	Work Description	Quantities	Units	Low Bid	Average Bid	High Bid	# Bids
55.05 M	Additional Depth to Type II Manhole	1 -20	L.F.	\$493.00	\$1,482.80	\$5,000.00	10
55.05 M	Construct (Type III 120-inch) Manhole	1 -20	EA	\$17,000.00	\$22,934.17	\$30,600.00	12
55.07 M	Adjust Storm Drain Manhole Cone	1 -20	EA.	\$600.00	\$1,192.00	\$2,150.00	5
55.08 M	Adjust Storm Drain Manhole Ring	1 -20	EA.	\$180.00	\$619.39	\$1,800.00	47
55.08 SP	Remove and Replace Manhole Frame and Cover	1 -20	EA.	\$245.00	\$728.20	\$1,500.00	27
55.09 M	Construct Catch Basin	1 -5	EA.	\$2,000.00	\$4,188.36	\$6,100.00	44
55.09 M	Construct Catch Basin	> 5	EA.	\$2,870.00	\$4,231.59	\$6,800.00	29
55.11 M	Remove Manhole	1 -25	EA.	\$550.00	\$1,301.01	\$3,000.00	51
55.11 M	Remove Catch Basin	1 -20	EA.	\$100.00	\$1,160.61	\$3,500.00	42
55.12 M	Adjust Catch Basin to Finish Grade	1 -20	EA.	\$195.00	\$658.90	\$1,200.00	24
55.14 M	Construct Storm Drain Cleanout	1 -5	EA.	\$650.00	\$737.50	\$900.00	4
55.15 M	Adjust Storm Cleanout to Finish Grade	1 -20	EA.	\$250.00	\$351.80	\$584.00	5
55.18 M	Construct Footing Drain Service	1 -50	EA.	\$900.00	\$2,218.39	\$4,500.00	32
55.19 M	Construct Open Ditch	1 -1000	L.F.	\$2.00	\$18.46	\$70.00	93
55.20 M	F & I Culvert w/End Sections 12" CMP or PCMP	1 -100	LF	\$13.00	\$59.23	\$161.17	44
55.20 M	F & I Culvert w/End Sections 15" CPEP	1 -500	L.F.	\$44.50	\$57.70	\$75.00	5
55.20 M	F & I Culvert w/End Sections 18" CPEP	> 100	L.F.	\$16.60	\$57.50	\$103.00	15
55.20 M	F & I Culvert w/End Sections 18" CMP or PCMP	> 100	L.F.	\$17.00	\$66.28	\$135.00	46
55.20 M	F & I Culvert w/End Sections 24" CPEP	1 - 100	LF	\$53.00	\$125.82	\$200.00	11
55.20 M	F & I Culvert w/End Sections 24" CPEP	> 100	LF	\$64.00	\$77.40	\$85.00	5
55.23 SP	Heat Trace	1 -5000	L.F.	\$20.60	\$29.36	\$52.00	10
55.24 SP	Prepare Storm Pipe for Lining	1 -10,000	LF	\$4.00	\$20.13	\$40.00	29
55.25 SP	Post-Construction CCTV Inspection of Storm	1 -10,000	LF	\$2.00	\$3.36	\$5.00	30
55.26 SP	Furnish and Install CIPP Liner (12-inch)	1 -1000	L.F.	\$60.50	\$135.00	\$211.00	7
55.26 SP	Furnish and Install CIPP Liner (12-inch)	> 1000	L.F.	\$90.00	\$104.86	\$120.00	7
55.26 SP	Furnish and Install CIPP Liner (15-inch)	1 -1000	LF	\$76.00	\$110.00	\$168.00	3
55.26 SP	Furnish and Install CIPP Liner (15-inch)	> 1000	LF	\$128.00	\$140.75	\$165.00	4
55.26 SP	Furnish and Install CIPP Liner (18-inch)	1 -1000	L.F.	\$92.00	\$131.67	\$170.00	6
55.26 SP	Furnish and Install CIPP Liner (18-inch)	> 1000	L.F.	\$135.00	\$143.18	\$154.25	7
55.26 SP	Furnish and Install CIPP Liner (24-inch)	1 -1000	L.F.	\$166.50	\$186.30	\$210.00	5



Spec #	Work Description	Quantities	Units	Low Bid	Average Bid	High Bid	# Bids
55.26 SP	Furnish and Install CIPP Liner (36-inch)	1 -1000	L.F.	\$213.00	\$325.34	\$520.00	14
55.99 SP	Abandon Manhole in Place	1 -10	EA.	\$700.00	\$1,606.33	\$2,500.00	9
55.99 SP	Abandon Storm Pipe with Flowable Grout	1-1000	LF	\$20.00	\$257.62	\$740.00	34
60.02 M	Furnish and Install (12" PVC, DR18) Water Main	> 100	LF	\$42.00	\$104.95	\$250.00	11
60.03 M	Furnish and Install 12" Gate Valve	1 -20	EA.	\$2,900.00	\$4,790.73	\$7,500.00	11
60.04 M	Furnish and Install Fire Hydrant Assembly (Double Pumper)	1 -10	EA.	\$7,176.00	\$12,707.00	\$25,000.00	15
60.06 M	Furnish and Install 1 1/2" Water Service	1 -5000	L.F.	\$42.00	\$126.73	\$300.00	11
60.08 M	Temporary Water System	1	L.S.	\$200.00	\$7,832.86	\$15,000.00	7
60.09 M	Replace Valve Box	1 -10	EA.	\$395.00	\$819.57	\$1,642.00	7
60.09 M	Replace Valve Box	> 10	EA.	\$140.00	\$502.86	\$750.00	7
60.11 M	Replace Valve Box Top Section	1 -50	EA.	\$50.00	\$545.82	\$1,319.00	39
60.14 SP	Remove Fire Hydrant Assembly	1 -100	EA.	\$1,223.00	\$1,671.29	\$2,000.00	7
60.17 M	Furnish and Install Anode	1 -100	EA.	\$140.00	\$282.59	\$500.00	29
60.19 M	Adjust Key Box	1 -20	EA.	\$140.00	\$363.43	\$850.00	7
60.20 M	Adjust Valve Box to Finish Grade	1 -20	EA.	\$204.00	\$372.46	\$750.00	18
65.02 M	Construction Survey Measurement	1	L.S.	\$500.00	\$16,058.43	\$330,000.00	200
65.02 M	2 Person Survey Crew	1 -100	HR.	\$100.00	\$251.62	\$400.00	128
65.02 M	Existing Monument and Lot Corner Search	1	L.S.	\$525.00	\$985.38	\$2,000.00	29
70.02 M	Adjust Gas Valve Key Box to Finish Grade	1 -10	EA.	\$195.00	\$513.27	\$800.00	11
70.07 M	Remove Pipe	1 -1000	L.F.	\$4.00	\$21.97	\$120.00	78
70.07 M	Remove Pipe	> 1000	L.F.	\$10.00	\$20.70	\$46.00	10
70.08 M	Remove and Reset Fence	1 -100	L.F.	\$18.50	\$52.74	\$100.00	70
70.08 M	Remove and Reset Fence	> 100	L.F.	\$20.00	\$41.44	\$56.25	17
70.08 SP	Remove Fence	1 -5,000	LF	\$5.50	\$12.09	\$40.00	16
70.09 M	Remove and Reset Parking Meter	1 -10	EA.	\$15.00	\$148.20	\$402.00	5
70.10 M	Traffic Markings (Methylemethacrylate, 4" Yellow )	1 -10,000	L.F.	\$4.00	\$4.82	\$11.00	13
70.10 M	Traffic Markings (Methylemethacrylate, 8" White )	> 100	L.F.	\$8.00	\$9.93	\$22.00	14
70.10 M	Traffic Markings (Methylemethacrylate, 24" White)	1 -5000	L.F.	\$23.00	\$154.00	\$402.00	22
70.10 M	Traffic Markings (Methylemethacrylate, Words & Symbols )	1 -50	EA.	\$489.00	\$538.75	\$600.00	12
70.10 M	Inlaid Traffic Markings (Methylemethacrylate, 4" White )	1 -10,000	L.F.	\$4.00	\$4.42	\$5.00	4

Spec #	Work Description	Quantities	Units	Low Bid	Average Bid	High Bid	# Bids
70.10 M	Inlaid Traffic Markings (Methylemethacrylate, 4" Yellow)	1 -100	L.F.	\$55.00	\$203.33	\$281.00	6
70.10 M	Inlaid Traffic Markings (Methylemethacrylate, 4" Yellow)	> 100	L.F.	\$4.00	\$6.29	\$13.00	28
70.10 M	Inlaid Traffic Markings (Methylemethacrylate, 8" White)	1 -5000	L.F.	\$8.70	\$9.74	\$10.85	4
70.10 M	Inlaid Traffic Markings (Methylemethacrylate, 18" Yellow)	1 -1,000	L.F.	\$25.00	\$67.08	\$90.00	16
70.10 M	Inlaid Traffic Markings (Methylemethacrylate, 24" White)	1 -1,000	L.F.	\$15.00	\$86.29	\$175.00	43
70.10 M	Inlaid Traffic Markings (Methylemethacrylate, 24" White)	> 1,000	L.F.	\$24.00	\$29.25	\$38.00	4
70.10 M	Inlaid Traffic Markings (Methylemethacrylate, Words and Symbol)	1 -100	EA	\$515.00	\$741.46	\$1,700.00	20
70.10 M	Inlaid Traffic Markings (Paint, 8", 250 mil)	> 500	L.F.	\$8.00	\$9.08	\$10.00	4
70.10 M	Inlaid Traffic Markings (Paint, 18", 250 mil)	1 -500	L.F.	\$18.00	\$22.18	\$30.00	4
70.11 M	Standard Sign	1 -100	S.F.	\$68.00	\$151.75	\$325.00	57
70.11 M	Standard Signs	> 100	S.F.	\$65.00	\$94.80	\$180.00	43
70.11 M	Remove and Relocate Sign	1 -5	EA.	\$240.00	\$377.60	\$882.00	10
70.11 M	Remove and Relocate Sign	> 5	EA.	\$195.00	\$403.22	\$1,027.00	27
70.11 SP	Remove Sign Assembly	1 -100	EA.	\$55.00	\$169.36	\$300.00	9
70.11 SP	Salvage Sign	1 -50	EA.	\$42.00	\$195.24	\$567.50	23
70.11 SP	Salvage Sign	> 50	EA.	\$35.00	\$82.95	\$225.00	17
70.12 M	Traffic Maintenance	1	L.S.	\$250.00	\$38,626.90	\$654,000.00	194
70.13 M	Bollard (Wood)	1 -5	EA.	\$335.00	\$361.70	\$390.00	10
70.13 M	Bollard (Wood)	> 5	EA.	\$150.00	\$233.64	\$300.00	14
70.13 M	Bollard (Concrete Pipe, Color)	1 -10	EA.	\$510.00	\$590.90	\$800.00	5
70.13 M	Bollard (Concrete Pipe, Color)	> 10	EA.	\$100.00	\$363.40	\$500.00	5
70.13 M	Bollard (Concrete Pipe w/Sleeve, Color)	1 -50	EA.	\$100.00	\$502.79	\$825.00	14
70.13 M	Bollard (Steel)	1 -100	EA.	\$400.00	\$837.36	\$1,200.00	11
70.13 SP	Removable Bollard	1 -10	EA.	\$550.00	\$1,284.58	\$2,750.00	27
70.13 M	Remove Bollard	1 -50	EA.	\$20.00	\$61.79	\$150.00	19
70.13 M	Remove and Reset Bollard	1 -50	EA.	\$135.00	\$344.00	\$750.00	9
70.17 M	Relocate Mailbox	1 -10	EA.	\$130.00	\$352.98	\$979.00	58
70.18 M	F & I Chain Link Fence 6' (11 Gage)	1 -1000	LF	\$10.00	\$33.40	\$53.00	10
70.18 M	F & I Chain Link Fence 6' (9 Gage)	1 -100	L.F.	\$25.00	\$43.40	\$54.00	5
70.18 M	F & I Chain Link Fence 6' (9 Gage)	> 100	L.F.	\$15.00	\$31.80	\$43.00	5



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70.19 M	Silt Fence	> 500	L.F.	\$2.50	\$4.44	\$7.60	10
70.20 M	Soil Stabilization Matting (Jute Mesh)	0 -50	M.S.F.	\$950.00	\$2,306.00	\$3,000.00	8
70.21 M	F & I Flexible Delineator	1 -100	EA.	\$50.00	\$107.00	\$169.00	11
75.02 M	Shrubs, Cotoneaster acutifolia 'Standard Cotoneaster' 24" Ht.	1 -100	EA.	\$37.00	\$54.80	\$87.00	5
75.02 M	Shrubs, Cotoneaster horizontalis, 'Rockspray Cotoneaster'	1 -100	EA.	\$50.00	\$52.50	\$60.00	4
75.02 M	Shrubs, Juniperus sabina 'Buffalo Juniper' 9" sprd.	1 -100	EA.	\$50.00	\$52.50	\$60.00	4
75.02 M	Shrubs, Potentilla fruticosa 'Bush Cinqufoil' 24" Ht.	1 -100	EA	\$41.20	\$48.45	\$75.00	10
75.02 M	Shrubs, Rosa rugosa 'Rugosa Rose', 18" Ht.	1 -100	EA.	\$40.00	\$54.75	\$79.00	4
75.02 M	Shrubs, Spiraea X bumalda 'Goldflame' (Goldflame Spiraea) 18"-	1 -100	EA.	\$41.20	\$49.95	\$75.00	11
75.02 M	Shrubs, Spirea X bumalda "Little Princess"	1 -100	EA	\$35.00	\$37.50	\$40.00	4
75.02 M	Shrubs, Viburnum trilobum 'American Cranberry', 36"Ht	> 100	EA.	\$62.00	\$67.38	\$75.00	8
75.02 M	Shrubs, Viburnum trilobum bailey 'Bailey's Compact Cranberry'	1 -100	EA.	\$65.00	\$81.33	\$110.00	3
75.02 M	Trees, Betula papyrifera 2" Cal. (Paper Birch)	1 -100	EA.	\$300.00	\$389.20	\$516.00	5
75.02 M	Trees, Betula papyrifera 2.5" Cal. (Paper Birch)	1 -100	EA.	\$340.00	\$371.86	\$415.00	7
75.02 M	Trees, Betula papyrifera 3" Cal. Or 20' (Paper Birch)	1 -100	EA.	\$515.00	\$734.90	\$875.00	10
75.02 M	Trees, Betula pendula (Weeping Birch) 2" Cal.	1 -100	EA.	\$307.00	\$376.75	\$840.00	12
75.02 M	Trees, Larix russica (Siberian Larch) 8'-10' Ht	1 -100	EA.	\$481.00	\$523.83	\$600.00	12
75.02 M	Trees, Malus 'Thunderchild Flowering Crabapple' 2" Cal.	1 -100	EA.	\$313.00	\$401.63	\$725.00	16
75.02 M	Trees, Malus x 'Spring Snow' 2" Cal	1 -100	EA.	\$313.00	\$339.73	\$365.00	11
75.02 M	Trees, Picea pungens (Colorado Green Spruce) 2" Cal 5'-6" Ht	1 -100	EA.	\$376.00	\$581.60	\$800.00	10
75.02 M	Trees, Picea pungens 'Glauca Globosa' (Dwarf Colorado Blue S	1 -100	EA.	\$302.50	\$348.90	\$400.00	5
75.02 M	Trees, Pinus aristata (Bristlecone Pine)	1 -100	EA.	\$482.00	\$526.85	\$600.00	12
75.02 M	Trees, Populus tremuloides (Quaking Aspen), 2" Caliper	1 -100	EA.	\$293.00	\$362.08	\$840.00	12
75.02 M	Trees, Populus tremuloides (Quaking Aspen) 2.5" Cal	1 -100	EA.	\$401.00	\$530.63	\$1,100.00	8
75.02 SP	Mulch, Shredded Bark, 3" Depth	1 -500	S.Y.	\$6.00	\$10.20	\$15.00	5
75.03 M	Topsoil, 4"	1 -50	MSF	\$215.00	\$685.32	\$1,800.00	148
75.03 M	Topsoil, 4"	51 -100	MSF	\$480.00	\$603.33	\$660.00	12
75.04 M	Seeding (Schedule A)	0 -2	MSF	\$500.00	\$2,485.00	\$4,500.00	10
75.04 M	Seeding (Schedule A)	2 -25	MSF	\$229.00	\$709.20	\$3,200.00	38
75.04 M	Seeding (Schedule A)	> 25	MSF	\$125.00	\$272.29	\$580.00	17

<b>Spec #</b>	<b>Work Description</b>	<b>Quantities</b>	<b>Units</b>	<b>Low Bid</b>	<b>Average Bid</b>	<b>High Bid</b>	<b># Bids</b>
75.04 M	Seeding (Schedule C)	0 -50	MSF	\$530.00	\$1,029.90	\$1,300.00	10
75.04 M	Seeding (Schedule D )	0 -20	MSF	\$125.00	\$755.11	\$2,150.00	90
75.04 M	Seeding (Schedule D)	> 20	MSF	\$160.00	\$338.10	\$750.00	21
75.04 SP	Seeding (Schedule F)	> 50	MSF	\$150.00	\$189.50	\$244.00	10
75.06 SP	F & I Landscape Edging, Plastic Landscaping	1 -1000	L.F.	\$6.00	\$7.59	\$13.00	11
75.10 M	Concrete Modular Block Wall	1 -5000	S.F.	\$40.00	\$48.80	\$56.00	5
75.99 SP	Furnish & Install Trash Receptacle	1-20	EA	\$200.00	\$1,112.50	\$2,000.00	4
75.99 SP	Furnish & Install Bench	1-20	EA	\$200.00	\$1,567.50	\$3,000.00	4
80.01 M	Temporary Illumination	1	L.S.	\$13,000.00	\$19,240.00	\$24,960.00	4
80.01 M	Temporary Signal System	1	L.S.	\$10,000.00	\$31,300.00	\$44,000.00	4
80.02 M	Trench and Backfill (2' x 3')	1 -1000	L.F.	\$4.00	\$12.05	\$50.00	33
80.02 M	Trench and Backfill (2' x 3')	> 1000	L.F.	\$4.00	\$7.96	\$13.50	24
80.02 M	Sawcut Trench	1 -10,000	L.F.	\$5.00	\$12.50	\$16.00	4
80.04 M	Load Center Foundation (Type 1A)	1 -5	EA.	\$2,500.00	\$3,234.42	\$5,000.00	26
80.04 M	Controller Cabinet Foundation (Type TS2)	1 -5	EA	\$6,000.00	\$6,662.50	\$7,050.00	4
80.04 M	Cast-In-Place Luminaire Pole Foundations	1 -50	EA.	\$1,600.00	\$3,040.60	\$8,000.00	15
80.04 M	Driven Pile Luminaire Pole Foundations	1 -5	EA.	\$1,500.00	\$1,752.33	\$2,057.00	3
80.04 M	Driven Pile Luminaire Pole Foundations	> 5	EA.	\$663.00	\$1,502.84	\$2,700.00	23
80.04 SP	Driven Pile Pedestrian Light Pole Foundation	1 -10	EA.	\$942.00	\$1,550.38	\$2,700.00	8
80.04 M	Signal Mast Arm Pole Foundation	1 -10	EA.	\$4,000.00	\$7,273.13	\$10,000.00	8
80.05 M	Luminaire Pole, Fixed Base 26 ft.	1 -50	EA	\$1,000.00	\$2,690.98	\$5,000.00	46
80.05 M	Combination Signal/Luminaire Pole (35' Mount Ht.)	1 -20	EA.	\$8,500.00	\$10,362.50	\$11,700.00	4
80.05 M	Combination Signal/Luminaire Pole (40' Mount Ht.)	1 -20	EA.	\$10,000.00	\$11,237.50	\$12,000.00	4
80.06 M	Luminaire Arm, 15' Length	1 -50	EA.	\$350.00	\$553.69	\$1,200.00	43
80.06 M	Luminaire Arm, 22' Length	1 -50	EA.	\$350.00	\$388.00	\$475.00	8
80.06 M	Signal Mast Arm, 35' Length	1 -20	EA.	\$3,200.00	\$3,790.00	\$4,160.00	4
80.06 M	Signal Mast Arm, 56' Length	1 -20	EA.	\$5,000.00	\$5,282.50	\$6,000.00	4
80.06 M	Signal Mast Arm, 60' Length	1 -20	EA.	\$5,300.00	\$5,953.00	\$7,000.00	4
80.07 SP	2" HDPE Conduit	1 -1000	L.F.	\$2.50	\$7.29	\$11.50	19
80.07 SP	2" HDPE Conduit	> 1000	L.F.	\$3.00	\$4.33	\$5.50	3

Spec #	Work Description	Quantities	Units	Low Bid	Average Bid	High Bid	# Bids
80.07 M	1 1/2" Steel Conduit (GRSC)	1 -5000	L.F.	\$9.00	\$18.75	\$30.00	10
80.07 M	2" Steel Conduit (GRSC)	1 -100	L.F.	\$6.20	\$18.74	\$35.00	12
80.07 M	2" Steel Conduit (GRSC)	100 -5000	L.F.	\$6.50	\$14.91	\$35.00	57
80.07 M	3" Steel Conduit (GRSC)	10 -1000	L.F.	\$12.00	\$24.48	\$47.00	15
80.07 SP	Liquid Tight Flex Conduit (1.5")	1-200	LF	\$23.00	\$78.50	\$150.00	10
80.08 M	Junction Box (Type IA)	1 -50	EA.	\$412.00	\$661.98	\$1,200.00	64
80.08 M	Junction Box (Type II)	1 -50	EA.	\$1,100.00	\$1,799.40	\$3,000.00	42
80.08 M	Junction Box (Type III)	1 -50	EA.	\$1,800.00	\$2,143.00	\$2,372.00	4
80.08 M	Adjust Junction Box (Type I-A) to Finished Grade	1 -100	EA.	\$188.00	\$497.60	\$950.00	5
80.08 M	Adjust Junction Box to Finish Grade	1 -20	EA.	\$280.00	\$494.57	\$780.00	7
80.08 M	Remove Junction Box	1 -50	EA.	\$165.00	\$342.03	\$830.00	30
80.10 M	Conductor, 1C #8 AWG XHHW-2 Cable	1 -5000	L.F.	\$1.00	\$3.32	\$6.00	10
80.10 M	Conductor, 1C #8 AWG W/GND	1 -5000	L.F.	\$0.95	\$1.20	\$1.65	3
80.10 M	Conductor, 3C #14 AWG IMSA 20-1 Cable	1 -5000	L.F.	\$2.00	\$2.19	\$2.50	4
80.10 M	Conductor, 3C #20 AWG	1 -5000	L.F.	\$1.50	\$1.75	\$2.00	4
80.10 M	Conductor, 3C #4/0 AWG, XHHW-2, single conductor	1 -5000	LF	\$80,000.00	\$84,255.00	\$90,000.00	4
80.10 M	Conductor, 3C #6 AWG XHHW-2 Cable	1 -5000	L.F.	\$4.15	\$10.59	\$18.00	5
80.10 M	Conductor, 3C #8 AWG	1 -5000	L.F.	\$3.70	\$6.01	\$7.40	19
80.10 M	Conductor, 3C #8 AWG XHHW-2 Cable	1 -5000	L.F.	\$2.50	\$4.31	\$6.00	19
80.10 M	Conductor, 3C #8 AWG XHHW-2 Cable	> 5000	L.F.	\$4.00	\$4.69	\$5.00	4
80.10 M	Conductor, 5C #14 AWG IMSA 20-1 Cable	1 -5000	L.F.	\$2.50	\$2.75	\$3.00	4
80.10 M	Conductor, 7 PR #18 AWG	1 -5000	L.F.	\$3.00	\$8.73	\$18.00	16
80.10 M	Conductor, 7C #14 AWG IMSA 20-1 Cable	1 -5000	L.F.	\$2.75	\$3.19	\$4.00	4
80.10 M	Conductor, 1C #6 AWG GND	1 -5000	LF	\$1.00	\$4.45	\$10.00	5
80.10 M	Conductor, 25 PR #19 AWG	1 -5000	L.F.	\$4.00	\$4.88	\$6.00	4
80.14 M	Single Meter Pad-Mount Load Center, Type I	1 -5	EA.	\$9,570.00	\$11,366.67	\$14,730.00	3
80.14 M	Single Meter Pad-Mount Load Center, Type IA	1 -5	EA.	\$2,163.00	\$4,732.19	\$9,600.00	42
80.17 M	TS-2-1 Controller Unit	1 -50	EA	\$80,000.00	\$84,255.00	\$90,000.00	4
80.18 M	Install Loop Detector, Existing Pavement	1 -50	EA.	\$900.00	\$1,009.00	\$1,200.00	4
80.18 M	Install Loop Detector, New Work	1 -50	EA.	\$670.00	\$977.75	\$1,430.00	12

<b>Spec #</b>	<b>Work Description</b>	<b>Quantities</b>	<b>Units</b>	<b>Low Bid</b>	<b>Average Bid</b>	<b>High Bid</b>	<b># Bids</b>
80.19 M	12" 3-Face LED Signal Head, Side Mount	1 -20	EA.	\$1,900.00	\$2,172.00	\$2,300.00	4
80.19 M	12" 4-Face LED Signal Head, Side Mount	1 -20	EA.	\$2,200.00	\$2,447.00	\$3,000.00	4
80.20 M	Pedestrian Signal Head	1 -10	EA.	\$700.00	\$859.00	\$936.00	4
80.21 M	Pedestrian Pushbutton Assembly	1 -10	EA.	\$550.00	\$653.63	\$714.50	4
80.21 SP	Relocate Pedestrian Pushbutton Assembly	1 -50	EA	\$440.00	\$478.67	\$536.00	3
80.23 M	Luminaire, 100W M.C. Type III	1 -50	EA.	\$500.00	\$680.00	\$900.00	4
80.23 M	Luminaire, 133W LED, 80 LED Type R3 Optics	1 -50	EA	\$630.00	\$752.50	\$875.00	2
80.23 M	Luminaire, 40 LED Type II Med Cutoff	1 -50	EA	\$550.00	\$633.67	\$700.00	12
80.23 M	Luminaire, 400W MC Type II	1 -20	EA.	\$500.00	\$530.00	\$600.00	4
80.23 M	Luminaire, 65W Bus Stop	1 -50	EA	\$1,845.00	\$2,225.00	\$2,530.00	3
80.23 M	Luminaire, 80W LED Medium, Full Cutoff Type II	1 -50	EA.	\$575.00	\$664.00	\$750.00	12
80.23 M	Luminaire, Bus Stop W/Arm and Pole	1 -25	EA.	\$2,557.00	\$2,635.67	\$2,750.00	3
80.28 M	Remove Luminaire Pole	1 -50	EA.	\$232.00	\$623.67	\$1,560.00	12
80.28 M	Remove Signal Combination Pole or Mast Arm	1 -10	EA.	\$1,250.00	\$1,577.50	\$2,000.00	4
80.28 SP	Remove Load Center	1 -20	EA.	\$435.00	\$959.36	\$1,600.00	11
80.99 SP	Pedestrian Luminaire Pole ( 12' )	1 -10	EA	\$2,950.00	\$3,088.67	\$3,300.00	3