

Appendix E – Cost Estimate

**MUNICIPALITY OF ANCHORAGE
PROJECT MANAGEMENT ENGINEERING DEPARTMENT**

**16th Avenue / Terrace Area Circulation Improvements
Medfra Street to Nelchina Street
Project No. 04-13**

SCHEDULE A: Paving

ITEM NO.	SPEC. NO.	WORK DESCRIPTION	ESTIMATED QUANTITY	UNIT BID PRICE	TOTAL BID PRICE
A-1	20.02	Clearing and Grubbing L.S.	1	\$10,000.00	\$ 10,000.00
A-2	20.04	Unusable Excavation C.Y.	2,198	\$ 10.00	\$ 21,980.00
A-3	20.05	Type II Classified Fill and Backfill Ton	1,731	\$15.00	\$ 25,965.00
A-4	20.05	Type II-A Classified Fill and Backfill Ton	645	\$18.00	\$ 11,610.00
A-5	20.06 95.04	Leveling Course Ton	86	\$31.00	\$ 2,666.00
A-6	20.19 95.04	Remove Existing Pavement S.Y.	1,262	\$2.50	\$ 3,155.00
A-7	20.25 95.04	Stormwater Pollution Prevention Plan L.S.	1	\$10,000.00	\$ 10,000.00
A-8	20.26 95.05	Removal of Existing Structures L.S.	1	\$100,000.00	\$ 100,000.00
A-9	30.02 95.04	P.C.C. Curb and Gutter (All Types) L.F.	740	\$17.25	\$ 12,765.00
A-10	30.07 95.04	P.C.C. Curb Ramp EA	4	\$1,445.00	\$ 5,780.00
A-11	40.02 95.04	A.C. Pavement (Class D) Ton	242	\$150.00	\$ 36,300.00
A-12	65.02 95.04	Construction Survey Measurement L.S.	1	\$20,000.00	\$ 20,000.00
A-13	65.02 95.04	Existing Monument Search L.S.	1	\$5,000.00	\$ 5,000.00
A-14	65.02 95.04	Two-Person Survey Crew Hour	40	\$250.00	\$ 10,000.00
A-15	70.03	Adjust Manhole Ring to Finish Grade EA	2	\$300.00	\$ 600.00
A-16	70.21 95.04	Traffic Maintenance L.S.	1	\$ 41,500.00	\$ 41,500.00

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COSTS

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Project No. 04-13**

SCHEDULE A: Paving

ITEM NO.	SPEC. NO.	WORK DESCRIPTION	ESTIMATED QUANTITY	UNIT BID PRICE	TOTAL BID PRICE
A-17	75.02	Landscaping L.S.	1	\$ 25,000.00	\$ 25,000.00
A-18	75.04 95.04	Topsoil (at 4" depth) per 1000 S.F	4	\$ 550.00	\$ 2,200.00
A-19	75.04 95.04	Seeding (Schedule A) per 1000 S.F	4	\$ 350.00	\$ 1,400.00
A-20	75.06	Fence per L.F.	282	\$ 300.00	\$ 84,600.00

TOTAL SCHEDULE A: **\$ 430,521.00**

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SCHEDULE B: Signing, Striping and Illumination

ITEM NO.	SPEC. NO.	WORK DESCRIPTION	ESTIMATED QUANTITY	UNIT BID PRICE	TOTAL BID PRICE
B-1	70.19 95.04	Painted Traffic Markings (4" White) per L.F.	146	\$ 4.00	\$ 584.00
B-2	70.19 95.04	Painted Traffic Markings (24" white) per L.F.	27	\$ 14.00	\$ 378.00
B-3	70.20 95.04	Standard Sign per S.F.	42	\$ 100.00	\$ 4,200.00
B-4	80.02	Trench and Backfill (all widths and depths) per L.F.	390	\$ 8.00	\$ 3,120.00
B-5	80.04	Driven Pile Luminaire Pole Foundations per EA	4	\$ 1,250.00	\$ 5,000.00
B-6	80.04	Load Center Foundation (Type 3) per EA	1	\$ 3,500.00	\$ 3,500.00
B-7	80.05	30 Ft. Fixed Base Luminaire Pole per EA	4	\$ 2,800.00	\$ 11,200.00
B-8	80.06	Luminaire Arm, 12 Ft. Length per EA	4	\$ 500.00	\$ 2,000.00
B-9	80.07	(2") Steel Conduit per L.F.	390	\$ 13.40	\$ 5,226.00
B-10	80.08 95.04	Type 1A Junction Box per EA	4	\$ 550.00	\$ 2,200.00
B-11	80.08 95.05	Type II Junction Box per EA	1	\$ 900.00	\$ 900.00
B-12	80.10	3 Conductor, #8 AWG XHHW, Illumination per L.F.	390	\$ 3.50	\$ 1,365.00
B-13	80.10	1 Conductor, #8 AWG Bare, Ground per L.F.	390	\$ 1.50	\$ 585.00
B-14	80.14	Single Meter Pad Mounted Load Center, Type III per EA	1	\$ 6,500.00	\$ 6,500.00
B-15	80.14	Photo Cell per EA	1	\$ 500.00	\$ 500.00
B-16	80.23	Luminaire, 250W, M-C, Type III per EA	4	\$ 500.00	\$ 2,000.00

TOTAL SCHEDULE C: **\$ 49,258.00**

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	BID
SCHEDULE A: Paving	\$ <u>430,521.00</u>
SCHEDULE B: Signing, Striping and Illumination	\$ <u>49,258.00</u>
Total Amount Bid	\$ <u>-</u>
Basic Bid Total	\$ <u><u>479,779.00</u></u>

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