

Appendix

B

City of Rockford

ROCKFORD JUNCTION - CC&P AND IR CONNECTION

OPINION OF PROBABLE COST - FINAL SUBMITTAL 11/08/2010

#	SP	PAY ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
1	*	20200100	EARTH EXCAVATION	CU YD	19,836	\$15.00	\$297,546.90
2	*	20800150	TRENCH BACKFILL	CU YD	170	\$30.00	\$5,100.00
3	*	21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	6,460	\$5.00	\$32,300.00
4	*	21300010	EXPLORATION TRENCH, SPECIAL	FOOT	20	\$12.00	\$240.00
5	BDE	25000210	SEEDING, CLASS 2A	ACRE	0	\$2,000.00	\$200.00
6	BDE	25000300	SEEDING, CLASS 3	ACRE	1.2	\$2,000.00	\$2,400.00
7	*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	120	\$3.00	\$360.00
8	*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	120	\$3.00	\$360.00
9	*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	120	\$3.00	\$360.00
10	*	25100105	MULCH, METHOD 1	ACRE	0.3	\$4,200.00	\$1,260.00
11	*	25100630	EROSION CONTROL BLANKET	SQ YD	4,346	\$2.00	\$8,692.00
12	*	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	150	\$6.00	\$900.00
13	*	28000310	AGGREGATE DITCH CHECKS	EACH	7	\$400.00	\$2,800.00
14	*	28000400	PERIMETER EROSION BARRIER	FOOT	1,716	\$4.00	\$6,864.00
15	*	28000500	INLET AND PIPE PROTECTION	EACH	5	\$180.00	\$900.00
16	*	28400100	GABIONS	CU YD	330	\$250.00	\$82,375.00
17	*	31101810	SUB-BASE GRANULAR MATERIAL, TYPE B 12" (SUBBALLAST)	SQ YD	2,246	\$15.00	\$33,690.00
18	*	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	249	\$8.00	\$1,993.60
19	*	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	254	\$3.00	\$761.70
20		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	79	\$20.00	\$1,578.00
21		40600990	TEMPORARY RAMP	SQ YD	102	\$20.00	\$2,036.00
22		40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TONS	356	\$90.00	\$31,995.00
23		40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50	TONS	220	\$100.00	\$21,990.00
24		42001200	PAVEMENT FABRIC	SQ YD	53	\$8.00	\$424.00
25		42001300	PROTECTIVE COAT	SQ YD	613	\$2.00	\$1,226.00
26		42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	87	\$45.00	\$3,915.00
27		42400100	PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH	SQ FT	2,027	\$6.00	\$12,162.00
28		42400300	PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH	SQ FT	1,260	\$7.00	\$8,820.00
29	*	42400800	DETECTABLE WARNINGS	SQ FT	36	\$20.00	\$720.00
30		44000100	PAVEMENT REMOVAL	SQ YD	2,256	\$12.00	\$27,072.00
31		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	476	\$10.00	\$4,760.00
32		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	74	\$8.00	\$592.00
33		44000600	SIDEWALK REMOVAL	SQ FT	1,724	\$1.50	\$2,586.00
34	BDE	44201359	CLASS C PATCHES, TYPE IV, 10 INCH	SQ YD	53	\$150.00	\$7,950.00
35		44213200	SAW CUTS	FOOT	626	\$4.00	\$2,504.00
36		48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	269	\$15.00	\$4,035.00
37	*	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	\$700.00	\$700.00
38	*	54213879	STEEL END SECTIONS 24"	EACH	2	\$450.00	\$900.00
39	*	542ST112	PIPE CULVERTS, SMOOTH STEEL 12"	FOOT	42	\$75.00	\$3,150.00

City of Rockford

ROCKFORD JUNCTION - CC&P AND IR CONNECTION

OPINION OF PROBABLE COST - FINAL SUBMITTAL 11/08/2010

#	SP	PAY ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
40	*	542ST124	PIPE CULVERTS, SMOOTH STEEL 24"	FOOT	12	\$125.00	\$1,500.00
41	*	542ST136	PIPE CULVERTS, SMOOTH STEEL 36"	FOOT	5	\$500.00	\$2,500.00
42	*	55038200	STORM SEWERS TO BE CLEANED 24"	FOOT	200	\$6.00	\$1,200.00
43	*	55038400	STORM SEWERS TO BE CLEANED 30"	FOOT	15	\$8.00	\$120.00
44	*	55038600	STORM SEWERS TO BE CLEANED 36"	FOOT	37	\$16.00	\$592.00
45	*	55038700	STORM SEWERS TO BE CLEANED 42"	FOOT	40	\$20.00	\$800.00
46	*	550CP112	REINF CONCRETE PIPE CULVERTS, CLASS IV, 12"	FOOT	298	\$36.00	\$10,728.00
47	*	550CP124	REINF CONCRETE PIPE CULVERTS, CLASS IV, 24"	FOOT	163	\$42.00	\$6,846.00
48	*	550CP130	REINF CONCRETE PIPE CULVERTS, CLASS IV, 30"	FOOT	158	\$48.00	\$7,584.00
49	*	550XX250	MISSION COUPLING, 36" (CIP - STEEL)	EACH	1	\$3,000.00	\$3,000.00
50	*	552ST024	PIPE CULVERTS, SMOOTH STEEL 24" (JACKED)	FOOT	20	\$500.00	\$10,000.00
51	*	552ST030	PIPE CULVERTS, SMOOTH STEEL 30" (JACKED)	FOOT	50	\$600.00	\$30,000.00
52	**	60109530	PIPE UNDERDRAINS, FABRIC LINED TRENCH 8"	FOOT	615	\$30.00	\$18,450.00
53	*	60218900	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 6 FRAME AND GRATE	EACH	1	\$1,800.00	\$1,800.00
54	*	60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	\$1,000.00	\$1,000.00
55	*	60219200	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 10 FRAME AND GRATE	EACH	1	\$2,000.00	\$2,000.00
56	*	60221600	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 6 FRAME AND GRATE	EACH	1	\$2,250.00	\$2,250.00
57	*	60221900	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 10 FRAME AND GRATE	EACH	1	\$2,500.00	\$2,500.00
58	*	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME CLOSED LID	EACH	1	\$3,500.00	\$3,500.00
59	*	60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	2	\$3,500.00	\$7,000.00
60	*	60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	\$5,000.00	\$5,000.00
61	*	60224448	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 8 FRAME	EACH	1	\$6,500.00	\$6,500.00
62	*	60236100	INLETS, TYPE A, TYPE 6 FRAME AND GRATE	EACH	1	\$1,000.00	\$1,000.00
63	*	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	\$850.00	\$850.00
64	*	60236700	INLETS, TYPE A, TYPE 10 FRAME AND GRATE	EACH	1	\$1,500.00	\$1,500.00
65	*	60238630	INLETS, TYPE A, WITH SPECIAL FRAME, OPEN LID	EACH	1	\$1,000.00	\$1,000.00
66		60255500	MANHOLES TO BE ADJUSTED	EACH	2	\$800.00	\$1,600.00
67		60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	\$2,500.00	\$2,500.00
68		60602800	CONCRETE GUTTER, TYPE B	FOOT	406	\$30.00	\$12,180.00
69		60609800	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.18	FOOT	119	\$35.00	\$4,165.00
70	**	63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	315	\$25.00	\$7,875.00
71		63100041	TRAFFIC BARRIER TERMINAL, TYPE 1B	EACH	1	\$2,400.00	\$2,400.00
72	*	66400105	CHAIN LINK FENCE, 4'	FOOT	216	\$20.00	\$4,320.00
73	*	66400505	CHAIN LINK FENCE, 8'	FOOT	200	\$35.00	\$7,000.00
74	*	66410300	CHAIN LINK FENCE REMOVAL	FOOT	200	\$6.00	\$1,200.00
75	BDE	67000400	ENGINEER FIELD OFFICE, TYPE A	CAL MO	4	\$1,000.00	\$4,000.00
76		67100100	MOBILIZATION	L SUM	1	\$80,000.00	\$80,000.00
77	*	70101700	TRAFFIC CONTROL AND PROTECTION	LSUM	1	\$15,000.00	\$15,000.00
78	BDE	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	122	\$5.00	\$610.00
79	BDE	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	50	\$5.00	\$250.00

City of Rockford

ROCKFORD JUNCTION - CC&P AND IR CONNECTION

OPINION OF PROBABLE COST - FINAL SUBMITTAL 11/08/2010

#	SP	PAY ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
80	BDE	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	78	\$8.00	\$624.00
81	**	78200405	GUARDRAIL MARKERS	EACH	5	\$10.00	\$50.00
82	**	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	1	\$35.00	\$35.00
83	*	X0320139	TEMPORARY CONSTRUCTION FENCE	FOOT	437	\$20.00	\$8,740.00
84	*	X032RR00	RAILROAD TRACK CONSTRUCTION	TK FT	1,548	\$155.00	\$239,940.00
85	*	X032RR10	TRACK SHIFT (0' TO 15')	TK FT	393	\$20.00	\$7,860.00
86	*	X032RR50	TRACK REMOVAL	TK FT	1,059	\$12.00	\$12,708.00
87	*	X032RR60	HIGHWAY GRADE CROSSING TO BE REMOVED	EACH	5	\$5,000.00	\$25,000.00
88	*	X032RR65	PRECAST CONCRETE GRADE CROSSING	EACH	1	\$12,000.00	\$12,000.00
89	*	X032RR70	REMOVE RAILROAD COMMUNICATION POLES AND WIRES	LSUM	1	\$5,000.00	\$5,000.00
90	*	X032RR80	CONCRETE BUILDING FOUNDATION REMOVAL (1' BELOW SUBGRADE)	LSUM	1	\$2,000.00	\$2,000.00
91	*	X2010510	CLEARING AND GRUBBING	L SUM	1	\$8,000.00	\$8,000.00
92	*	XX004878	MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS	UNIT	10,000	\$1.00	\$10,000.00
93	*	XX006500	SANITARY SEWER SERVICE REMOVAL AND REPLACEMENT	FOOT	72	\$50.00	\$3,600.00
94	*	XZ191305	AGGREGATE SUBGRADE	TONS	933	\$15.00	\$13,996.50
95	*	Z0000142	ABANDON CULVERT, 42"	CU YD	7	\$250.00	\$1,750.00
96	**	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	\$15,000.00	\$15,000.00
97	BDE	Z0017202	DOWEL BARS 1-1/2"	EACH	92	\$18.00	\$1,656.00
98	*	Z0024430	FLAGGER	HOUR	1,280	\$90.00	\$115,200.00
99	**	Z0028450	GEOTEXTILE FABRIC FOR RAILROAD CROSINGS	SQ YD	94	\$6.00	\$564.00
100	BDE	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	2	\$10,000.00	\$20,000.00
101	BDE	Z0076600	TRAINEES	HOUR	500	\$0.80	\$400.00
TOTALS							\$1,394,661.70

This Opinion of Probable Construction Cost is approximate and is based upon construction during 2011. Actual construction bids may vary significantly due to timing of construction, changed conditions, labor rate changes, market conditions or other factors beyond the control of CMT.

Appendix

C



Special Power, Inc.

Commercial & Industrial Electrical Contractors

P.O. Box 5026 • Rockford, IL 61125 • (815) 962-1210 • FAX (815) 962-2190

www.specialpower.com

PROPOSAL

Submitted by Joseph S. Eaton

All work performed to the National Electric code and National Electric Contractors Association Standard of installation. Work will be performed by qualified journeymen wiremen. Contractor will strive to minimize impact on owner's operation. Work is warranted for one year from completion of the project. Contractor is licensed, bonded and insured. Upon request, all certificates will be provided prior to commencing work.

11/17/10

City of Rockford
425 East State Street
Rockford, IL 61104
Attn: Mr. Jon Hollander

Job Description: Behr Shear Service Lateral Relocation Project
SPI Proposal #JE10158R1 Revised

We are pleased to quote you as follows:

Option #1: Existing Pad Mounted Transformer

1. Saw cut existing concrete and excavate as required to expose the existing underground primary feeder at the pad mounted transformer that serves the " new shear ".

2. Excavate at new pad mounted transformer location, at the corner of the property southeast of the " old shear ".
3. Furnish and install (2) 4" HDPE ducts, directionally bored from the existing " new shear " transformer to the new pad mounted transformer location. Furnish and install pull line for use by ComEd to install the new primary cables.
4. Furnish and install grounding conduits per ComEd specifications.
5. Locate and excavate existing duct bank from pole to shear metering enclosure.
6. Disconnect existing main service to shear. Remove existing service lateral conductors and store for re-use.
7. Saw cut existing duct bank, locate and expose existing conduits and make ready for reconnection.
8. Furnish and install duct bank consisting of (5) 4" schedule 40 PVC conduits with duct bank spacers and concrete encasement from the existing duct bank to the new transformer location.
9. Furnish and install (1) pre-cast transformer pad per ComEd specifications.
10. Install existing 500 KCMIL copper conductors from new transformer to existing metering enclosure.
11. Make all final connections and test for phase sequence & rotation.
12. Backfill, compact and repave all disturbed areas.

Total Not to Exceed Price: \$28,920.00

Option #2: New Pole Mounted Transformer Bank

1. Locate and excavate existing duct bank from pole to shear metering enclosure.
2. Disconnect existing main service to shear. Remove existing service lateral conductors and store for re-use.
3. Saw cut existing duct bank, locate and expose existing conduits and make ready for reconnection.
4. Furnish and install duct bank consisting of (5) 4" schedule 40 PVC conduits with duct bank spacers and concrete encasement from the existing duct bank to the new transformer pole location on the edge of the easement.
5. Remove and reinstall (5) 4" IMC riser conduits on the new pole. Connect to duct bank as required.
6. Install existing 500 KCMIL copper conductors from new transformer pole to existing metering enclosure.
7. Make all final connections and test for phase sequence & rotation.
8. Backfill, compact and repave all disturbed areas.

Total Not to Exceed Price: \$28,275.00

Notes:

1. The scope listed above is an overall work description and does not take schedule or work sequence into consideration. As this is an operating system, work will be performed in a manner required to minimize the outage for Behr's.
2. This proposal does not include any work or excess facilities costs by ComEd.

3. The project requires significant saw cutting excavation, paving, etc. As the work will all be performed on Behr property instead of the railroad easement, Behr prefers to perform the general construction with their own general contracting company, G & M construction. Listed below is the work description and costs for both options. As there is no value added by having G & M work for SPI, we assume G & M can work directly for the city. Please let us know if this is not the case and we will revise this proposal accordingly. G & M's costs are not included in the SPI costs listed above. Please add costs for both SPI and G & M for a complete project cost.

Option #1: Existing Pad Mounted Transformer (G & M)

1. Remove pipe guard at new shear transformer to allow access to the transformer.
2. Cut L shaped opening in paving at new shear. See attached sketch.
3. Excavate down to existing primary conduits, hand dig.
4. After primary changes are complete, backfill, compact, pave and replace guard.

Old Shear Location:

1. Excavate 3' wide, 8' long, 3' deep trench at new transformer location adjacent to corner of property southeast of the old shear.
2. Locate and excavate existing duct bank directly west of the new transformer location.
3. Excavate 3' wide, 3' deep, 50' long trench from duct bank to new transformer location.
4. Saw cut existing duct bank and chip back concrete to expose conduits.
5. Concrete encase new duct bank.
6. Backfill, compact and pave over trench.

Total Price: \$13,400.00

Option #2: New Pole Mounted Transformer Bank (G & M)

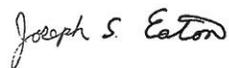
1. Locate and excavate existing duct bank where it turns west towards the existing pole.
2. Saw cut existing duct bank south of the bend and chip back concrete to expose conduits.
3. Excavate 3' wide, 3' deep, 40' long trench from duct bank to new pole location.
4. Concrete encase new duct bank.
5. Backfill, compact and pave over trench.

Total Price: \$7,200.00

4. The great unknown in option #1 is the directional boring of the (2) 4" ducts. If this option is selected, we highly recommend cutting a small hole and excavation at the existing transformer and perform the boring work before any further commitment in time and money is expended.
5. We do not include state sales tax on the installed materials.
6. We believe some of the existing conductors could be damaged while removing them from the conduits. The conductor left over after the project is complete should be considered scrap. The scrap conductor is the property of Behr.

Please contact me with any questions or comments.

Respectfully,



Joseph S. Eaton

Notwithstanding any provision herein to the contrary, in the event that, during the performance of this agreement, the price of copper, steel and/or any other necessary commodities significantly increases, through no fault of Special Power, Inc, the price of any

materials, components, or goods to be furnished under this agreement shall be equitably adjusted by an amount reasonably necessary to cover any such significant price increases. As used herein, a significant price increase shall mean any increase in price exceeding five percent (5%) experienced by Special Power, Inc, from the date of the execution of this agreement. Such price increases shall be documented through commercial quotes, invoices, receipts or other such documentation. Where the delivery of materials, components, or goods required under this agreement is delayed, through no fault of Special Power Inc, as a result of the shortage or unavailability of commodities, raw materials, components and/or products, Special Power, Inc, shall not be liable for any additional costs or damages associated with such delay(S).