

# CONTRACT FOR CONSTRUCTION BY CITY FORCES Service and Supply

Wisconsin Department of Transportation  
DT1524 798 (Replaces EC723)

Contract Amount \$29,443.27	Project 2205-06-90
Road Name W. State St. – N. 12 <sup>th</sup> St. to N. 17 <sup>th</sup> St.	City/County Name City of Milwaukee
Type of Work Traffic Signals and Sign Modifications	Highway USH 18
Start Work Date May 10, 2005	End Work Date December 31, 2006

This contract is made and entered into by and between the Wisconsin Department of Transportation, Division of Transportation Infrastructure Development, designated the "Department", represented by its Administrator, and the above-identified City, designated the "City", represented by the individual(s) indicated below, for constructing the above-specified project.

The Department finds and determines that it is more feasible and advantageous for highway purposes to construct the identified project with the City's organization, forces, and equipment. The Department and City mutually agree to the provisions on the attached pages, which are made a part of this contract.

## Recommended for Approval

\_\_\_\_\_  
(District Director) (Date)

## Recommended for Approval by City

\_\_\_\_\_  
(Name) (Date)

\_\_\_\_\_  
Commissioner of Public Works  
(Title)

## Approved for the State of Wisconsin

\_\_\_\_\_  
(Contract Specialist) (Date)

\_\_\_\_\_  
(Name) (Date)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Director of Construction) (Date)

\_\_\_\_\_  
(Name) (Date)

\_\_\_\_\_  
(Governor of Wisconsin) (Date)

\_\_\_\_\_  
(Title)

1. The City agrees to construct the described project in accordance with the requirements of the Department, the approved plans when required for such project, in accordance with the Standard Specifications for Road and Bridge Construction and approved supplements as may be applicable, and in accordance with the special provisions hereby made a part of this contract. The word "contractor" as used in the specifications and special provisions shall, when applicable, be deemed to mean the City.

The provisions of Subsection 108.8 of the Standard Specifications, Liquidated Damages, are deleted from this contract.

2. The City is authorized by the Department and agrees to provide for the purchase, delivery, and storing of all materials required except those excluded from this contract, the furnishing or necessary rental of all equipment and small tools, and the furnishing of all labor necessary to expeditiously complete the work, and to pay all costs incurred pursuant to this contract.

3. The Department agrees to reimburse the City for actual costs of equipment, labor and materials incurred in performing the work up to the contract amount or as amended by contract change orders.

4. The Department agrees to pay the City and the City agrees to accept in full settlement for the work performed under this contract:

a. The actual cost of labor, at rates currently paid by the City for similar work in the city, materials and incidental expense furnished or incurred by the City pursuant to this contract, such payment to be based on a Detailed Statement of Expenditures, submitted monthly with the Monthly Report of Expenditures, and verified by the City Clerk.

b. The recognized costs incident to the employment of labor under this contract (such as workmen's compensation insurance, unemployment and retirement contributions and time off with pay) computed and requisitioned in accordance with established policy.

c. An allowance for the use of equipment, tools and incidentals for the work under this contract. Such allowance shall be in accordance with the rates specified in the attached Equipment Rental Schedule, or as may be otherwise provided in the special provisions of this contract. These payments shall be based on a Detailed Statement of Expenditures, submitted monthly with the Monthly Report of Expenditures and verified by the City Clerk.

d. An allowance of one percent (1%) of the contract labor costs, including fringe benefit costs, for small tools used under this contract.

e. An allowance of four percent (4%) of the total contract cost for administrative support under this contract.

5. In connection with the performance of work under this contract, the contractor agrees not to discriminate against any employee or applicant for employment because of age, race, religion, color, handicap, sex, physical condition, developmental disability as defined in s. 51.01(5) Wis. Stats., sexual orientation or national origin. This provision shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; lay-off or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor further agrees to take affirmative action to ensure equal employment opportunities. The contractor agrees to post in conspicuous places, available for employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of the nondiscrimination clause.

6. The City agrees to furnish, on the Detailed Statement of Expenditures, an accurate distribution of the costs between the various items of work.

7. The estimated unit costs of materials being used on this contract are listed as attached.

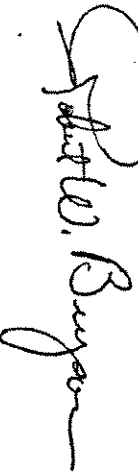
SERVICE AND SUPPLY CONTRACT - UNIT COST ANALYSIS  
 INFRASTRUCTURE SERVICES DIVISION - TRANSPORTATION  
 DEPARTMENT OF PUBLIC WORKS - CITY OF MILWAUKEE  
 STATE PROJECT I.D.#2205-06-90  
 W. STATE ST. - N. 12th ST. to N. 17th ST.

ITEM	DESCRIPTION	UNIT	QUANT.	MATERIAL			LABOR			EQUIPMENT			TOTAL	
				UNIT COST			UNIT COST			UNIT COST			UNIT COST*	TOTAL ITEM COST
73000	30 x 30 STOP	EA.	5	\$40.51			\$11.74			\$0.34			\$54.82	\$274.10
73022	18 x 24 ONE WAY (LA)	EA.	4	\$19.75			\$11.74			\$0.34			\$33.23	\$132.92
73024	18 x 24 ONE WAY (RA)	EA.	4	\$19.75			\$11.74			\$0.34			\$33.23	\$132.92
73034	12 x 18 PARKING - SINGLE MESSAGE	EA.	29	\$9.90			\$11.74			\$0.34			\$22.98	\$666.42
73056	30 x 30 SCHOOL	EA.	2	\$45.51			\$11.74			\$0.34			\$60.02	\$120.04
73060	24x48 SCHOOL SPEED LIMIT 20MPH WCAP	EA.	2	\$67.88			\$11.74			\$0.34			\$83.28	\$166.56
73061	30 x 30 PEDESTRIAN	EA.	1	\$45.55			\$11.74			\$0.34			\$60.06	\$60.06
73082	12 x 16 HAZARD MARKER (RIGHT MOUNT)	EA.	1	\$16.90			\$11.74			\$0.34			\$30.26	\$30.26
73090	24 x 30 HOSPITAL	EA.	1	\$32.85			\$11.74			\$0.34			\$46.85	\$46.85
73127	30 x 30 TWO WAY TRAFFIC	EA.	1	\$35.93			\$11.74			\$0.34			\$50.05	\$50.05
73138	30 x 30 DEAD END	EA.	1	\$35.93			\$11.74			\$0.34			\$50.05	\$50.05
73163	30 x 30 RIGHT LANE MUST TURN RIGHT	EA.	1	\$41.07			\$11.74			\$0.34			\$55.40	\$55.40
73194	24 x 30 SPEED LIMIT - - -	EA.	2	\$32.85			\$11.74			\$0.34			\$46.85	\$93.70
73294	3' RSP SOCKET	EA.	13	\$19.84			\$15.39			\$0.68			\$37.51	\$487.63
73295	SOC. (CONC. INST.)	EA.	4	\$9.52			\$23.09			\$1.02			\$35.22	\$140.88
73296	2" x 9'-6" PIPE	EA.	17	\$43.14			\$3.08			\$0.14			\$48.25	\$820.25
73310	MOUNTING HARDWARE CP/SS/AP	EA.	33	\$0.00			\$3.08			\$0.14			\$3.38	\$111.54
73311	MOUNTING HARDWARE P.S.	EA.	19	\$0.96			\$3.08			\$0.14			\$4.38	\$83.22
73312	S.N.S. MOUNTING HARDWARE CP	EA.	13	\$18.38			\$3.08			\$0.14			\$22.50	\$292.50
73318	GREEN S.N.S. 30"	EA.	15	\$24.66			\$11.74			\$0.34			\$38.33	\$574.95
73325	S.N.S. MOUNTING SIGNALS	EA.	2	\$15.65			\$0.00			\$0.00			\$16.28	\$32.56
73333	12 x 24 AHEAD	EA.	2	\$16.20			\$11.74			\$0.34			\$29.53	\$59.06
TOTAL:													\$4,481.92	

\*"Total Unit Cost" includes 1% of Labor Cost for Small Tools and 4% of Sub-Total for Administrative Support

ESTIMATED COST 2005 PAVING PROGRAM

APPROVED BY:



ROBERT W. BRYSON  
 TRAFFIC & LIGHTING DESIGN MANAGER

TRANSPORTATION SECTION  
 TRAFFIC & LIGHTING DESIGN UNIT  
 JOSEPH A. HALVORSON  
 DECEMBER 23, 2004

DRAWING #: F-98-547-T  
F-01-575-T

SERVICE AND SUPPLY CONTRACT - UNIT COST ANALYSES  
INFRASTRUCTURE SERVICES DIVISION - TRANSPORTATION  
DEPARTMENT OF PUBLIC WORKS - CITY OF MILWAUKEE  
STATE PROJECT I.D.#2205-06-90  
WEST STATE STREET  
NORTH 17TH STREET  
NORTH 12TH STREET  
US HWY 18

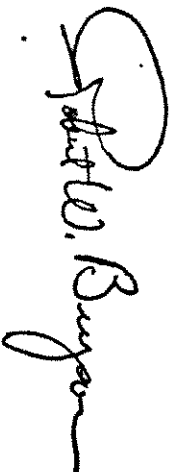
**SUMMARY COST ESTIMATE - TRAFFIC SIGNALS**

ITEM	DESCRIPTION	UNIT	QUANTITY	MATERIAL COST	LABOR COST	EQUIPMENT COST	TOTAL UNIT COST *	TOTAL COST
71062L	312 SIG. HOUS. LED	EACH	6	\$ 389.23	\$ 197.96	\$ 4.71	\$ 617.63	\$ 3,705.78
71066L	COMBINATION DW-W 12" SIG. HOUS. LED	EACH	16	\$ 251.73	\$ 197.96	\$ 7.07	\$ 477.09	\$ 7,633.44
71071L	38 SIG. HOUS. LED	EACH	6	\$ 385.37	\$ 118.77	\$ 4.71	\$ 530.44	\$ 3,182.64
71156	LEAD IN CABLE (PROBE)	PER LF	155	\$ 1.77	\$ 0.07	\$ 0.08	\$ 2.00	\$ 310.00
71170	9#14 LTP	PER LF	30	\$ 0.26	\$ 1.84	\$ 0.03	\$ 2.23	\$ 68.90
71171	12#14 LTP	PER LF	345	\$ 0.36	\$ 1.84	\$ 0.03	\$ 2.34	\$ 807.30
71172	17#14 LTP	PER LF	210	\$ 0.51	\$ 1.84	\$ 0.03	\$ 2.49	\$ 522.90
71173	20#14 LTP	PER LF	265	\$ 0.61	\$ 1.84	\$ 0.03	\$ 2.60	\$ 689.00
71197	SS 13'	EACH	5	\$ 485.80	\$ 353.17	\$ 11.78	\$ 888.45	\$ 4,442.25
90006GQ	RECTANGULAR VAULT	EACH	4	\$ 124.13	\$ 106.58	\$ 2.08	\$ 243.21	\$ 972.84
71064RL	112 SIG. MOD. LED RETRO-FIT RED	EACH	6	\$ 44.16	\$ 39.59	\$ 2.36	\$ 86.11	\$ 516.66
71064YL	112 SIG. MOD. LED RETRO-FIT YELLOW	EACH	6	\$ 50.66	\$ 39.59	\$ 2.36	\$ 92.61	\$ 555.66
71064GL	112 SIG. MOD. LED RETRO-FIT GREEN	EACH	6	\$ 93.00	\$ 39.59	\$ 2.36	\$ 134.95	\$ 809.70
71064YAL	112 SIG. MOD. LED RETRO-FIT YELLOW ARROW	EACH	2	\$ 75.88	\$ 39.59	\$ 2.36	\$ 117.83	\$ 236.66
71064YAL	112 SIG. MOD. LED RETRO-FIT YELLOW ARROW	EACH	2	\$ 45.24	\$ 39.59	\$ 2.36	\$ 87.19	\$ 174.38
71072RL	18 SIG. MOD. LED RETRO-FIT RED	EACH	1	\$ 53.63	\$ 39.59	\$ 2.36	\$ 99.81	\$ 99.81
71072YL	18 SIG. MOD. LED RETRO-FIT YELLOW	EACH	1	\$ 58.20	\$ 39.59	\$ 2.36	\$ 104.57	\$ 104.57
71072GL	18 SIG. MOD. LED RETRO-FIT GREEN	EACH	1	\$ 84.44	\$ 39.59	\$ 2.36	\$ 131.86	\$ 131.86
<b>TOTAL</b>								<b>\$ 24,961.35</b>

\* TOTAL UNIT COST INCLUDES 1% OF LABOR COST FOR SMALL TOOLS  
AND 4% OF SUB-TOTAL FOR ADMINISTRATIVE SUPPORT.

ESTIMATED COST OF 2005 PAVING PROGRAM  
THERE ARE NO EXCLUDED COSTS IN THIS PROJECT

APPROVED BY:



ROBERT W. BRYSON  
TRAFFIC CONTROL ENGINEER V

TRANSPORTATION SECTION  
TRAFFIC & LIGHTING DESIGN UNIT  
JOSEPH A. BONDOWSKI  
January 11, 2005