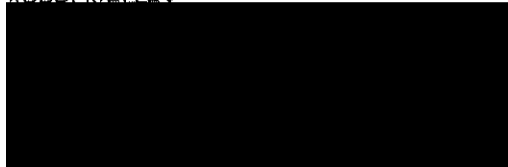


INFRASTRUCTURE SERVICES DIVISION  
 DEPARTMENT OF PUBLIC WORKS STATE  
 PROJECT ID #1060-09-70  
 2005 SURFACE TRANSPORTATION PROGRAM  
 EAST-WEST FREEWAY  
 N. 25TH STREET AND W. ST. PAUL AVE.-N. 26TH ST.

<u>COST</u> <u>ITEM</u>	<u>ESTIMATE</u>	<u>TRAFFIC SIGNALS</u> <u>DESCRIPTION</u>	<u>QUAN.</u>	<u>UNIT</u> <u>COST</u>	<u>TOTAL</u> <u>ITEM</u> <u>COST</u>
	<u>COST ESTIMATE</u>				
71062L	312	SIGNAL HOUSING LED COMPLETE	4 EA	\$ 578.78	\$ 2,315.12
71071L	38	SIGNAL HOUSING LED COMPLETE	4 EA	\$ 451.26	\$ 1,805.04
71066LC		DW-W COMBINATION 12" SIGNAL HOUSING LED COMPLETE	2 EA	\$ 439.84	\$ 879.68
71081		312 M SIGNAL HOUSING	1 EA	\$ 1,430.87	\$ 1,430.87
71156		LEAD IN CABLE (PROBE)	165 LF	\$ 1.92	\$ 316.80
71170		9#14 LTP	990 LF	\$ 2.13	\$ 2,108.70
71171		12#14 LTP	500 LF	\$ 2.23	\$ 1,115.00
71172		17#14 LTP	460 LF	\$ 2.38	\$ 1,094.80
71196		SS FABRICATED	1 EA	\$ 815.88	\$ 815.88
71197		SS 13'	4 EA	\$ 850.74	\$ 3,402.96
90030B		Install 3#4/1#8 LTP underground cable	430 LF	\$ 3.26	\$ 1,401.80
90030Q		Install 2.5" PVC Conduit (Trench)	210 LF	\$ 6.40	\$ 1,344.00
90005GQ		Installation of a rectangular vault	5 EA	\$ 232.79	\$ 1,163.95
71170		9#14 LTP Interconnect (N. 25th St.)	500 LF	\$ 2.13	\$ 1,065.00
	<u>COST ESTIMATE</u>				
		2005 SURFACE TRANSPORTATION PROGRAM=			\$ 20,259.60

THERE ARE NO EXCLUDED COSTS IN THIS PROJECT

APPROVED BY:



ROBERT W. BRYSON

TRAFFIC & LIGHTING DESIGN MANAGER  
 TRANSPORTATION SECTION TRAFFIC & LIGHTING DESIGN UNIT JOSEPH A. BONDOWSKI  
 JULY 13, 2005

**INFRASTRUCTURES SERVICE DIVISION -  
 TRANSPORTATION DEPARTMENT OF PUBLIC WORKS -  
 CITY OF MILWAUKEE BRIDGE REPLACEMENT  
 NORTH 26TH STREET/WEST ST PAUL  
 AVENUE AND NORTH 25TH STREET**

**COST ESTIMATE - STREET LIGHTING**

**STATE CITY**

ITEM	ITEM	DESCRIPTION	QUANTITY	UNIT COST	TOTAL COST
90005CP		INSTALL 31 FOOT ALUMINUM POLE, 6' BRACKET AND 250W1240V COBRA STYLE FIXTURE WITH WITH 250 WATT HIGH PRESSURE SODIUM LAMP (INCLUDES RISER CABLE .	4	\$ 1,153.61	\$ 4,614.44
90005EG		INSTALL WOOD POLE	1	\$ 213.61	\$ 213.61
90005EM		INSTALL PRIMARY OR SECONDARY RISERS	1	\$ 130.96	\$ 130.96

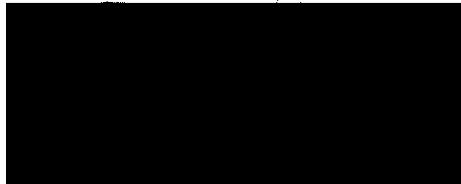
90001EQ		REMOVE WOOD, CONCRETE, STEEL OR ALUMINUM POLES.	5	\$ 298.95	\$ 1,494.75
90005ER		REMOVE PRIMARY OR SECONDARY RISERS	1	\$ 80.34	\$ 80.34
90030D	-INSTALL	3#8/1#8 LTP UNDERGROUND CABLE.	1040	\$ 2.42	\$ 2,516.80
90030M	'....-	3#6 ALUMINUM TRIPLEX	140	\$ 1.03	\$ 144.20
90030P	'....-	2.5" P.V.C. CONDUIT (HOLE HOG/BORE	180	\$ 5.98	\$ 1,076.40
90030S		REMOVE OVERHEAD LINE WIRES.	140	\$ 0.80	\$ 112.00

**ESTIMATED COST FOR 2005**

**TOTAL PROJECT COST**

\$ 10,383.50

APPROVED BY



ROBERT W. BRYSON

TRANSPORATION SECTION

STREET LIGHTING ENGINEER

TRAFFIC & LIGHTING DESIGN UNIT

**CONTRACT FOR CONSTRUCTION BY CITY FORCES**

Contract Amount \$30,643.10	project 1060-09-90
Road Name East-West Freeway at North 25" Street and St. Paul Avenue - North 26t" Street	crty cCVntyName City of Milwaukee
Title of Work Traffic Signals and Street Lighting Modifications	H.bwa,
Start Work Date March 15, 2006	End Node Date October 10, 2006

**Service and Supply** Wisconsin Department of Transportation DT1524 798 Replaces EC723

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**  
**Recommended for Approval by City**

(District Director)

(Date)

Jeffrey J. Mantes

(Date)

Commissioner of Public Works

### Approved for the State of Wisconsin

(Contract Specialist)

(Date)

(Name',

;Dat

(Title)

(Director of Construction)

(Date)

(Name)

(Deter (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.

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.

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.

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