

MASTER CONTRACT WORK ORDER
BETWEEN THE WISCONSIN DEPARTMENT OF TRANSPORTATION (DEPARTMENT)
AND THE CITY OF MILWAUKEE (MUNICIPALITY) FOR

MASTER CONTRACT TYPE CONNECTING HIGHWAY DESIGN ENGINEERING SERVICES

MASTER CONTRACT PROJECT ID 0695 - 97 - 39

WORK ORDER NUMBER 001

2120-18-00
WEST FOREST HOME AVENUE
USH 45 TO 45TH STREET
STH 24, MILWAUKEE COUNTY

This WORK ORDER made and entered into by and between the DEPARTMENT and the MUNICIPALITY provides for those services described in detail herein and is for the purpose of:

PROFESSIONAL SERVICE DESIGN ENGINEERING SERVICES FOR THE RESURFACING OF WEST FOREST HOME AVENUE PROJECT

The DEPARTMENT deems it advisable to engage the CONSULTANT to provide certain services and has authority to contract for these services under sec. 84.01(13), Wis. Stats.

The MUNICIPALITY will be compensated by the DEPARTMENT for services provided under this WORK ORDER on the following basis:

COST ESTIMATE:

DIRECT LABOR COST: \$15,345.00

NON-LABOR DIRECT COSTS: \$12,228.43

SUBCONTRACT COSTS: \$0.00

The MUNICIPALITY services will be completed by 12/31/2024. Compensation for all services provided by the MUNICIPALITY under the terms of this contract shall not exceed \$27,573.43. Compensation in excess of the total WORK ORDER amount shall not be allowed unless approved by a written WORK ORDER amendment. Compensation for costs incurred as a result of improper performance by the MUNICIPALITY will not be allowed.

The MUNICIPALITY represents it is in compliance with the laws and regulations relating to its profession and signifies its willingness to provide the desired services.

The MUNICIPALITY representative is: Jerrel Kruschke; Commissioner – City of Milwaukee Department of Public Works, 841 N. Broadway Milwaukee, WI 53202; jkrusc@milwaukee.gov; 414-286-3301.

The DEPARTMENT Representative is: Amanda Johansen; 141 NW Barstow Street Waukesha, WI 53187; amanda.johansen@dot.wi.gov; (262) 521-4465.

SCOPE OF WORK: THE ATTACHED DEFINE THE SCOPE OF WORK.

The parties agree to all of the provisions which are annexed and made a part of this WORK ORDER, consisting of 2 pages from the cover/signature plus the attached special provisions consisting of 1 page.

APPROVAL AND ACCEPTANCE: Approval and acceptance of this WORK ORDER including any attachments shall incorporate this document as part of the MASTER CONTRACT between the MUNICIPALITY and the DEPARTMENT. All work and Services defined in this WORK ORDER shall be performed in accordance with the terms and conditions of the MASTER CONTRACT between the MUNICIPALITY and the DEPARTMENT.

Nothing in this WORK ORDER accords any third party beneficiary rights whatsoever on any non-party that may be enforced by any non-party to this WORK ORDER.

For the MUNICIPALITY

DocuSigned by:

By: Jerrold Kruschke, P.E.
Jerrold Kruschke

Title: Commissioner of Public Works

Date: 25 April 2023

DocuSigned by:

By: Aycha Sawa, Comptroller, City of Milwaukee
Aycha Sawa

Title: Comptroller

Date: 25 April 2023

For the DEPARTMENT

DocuSigned by:

By: Del Evers

Title: Consultant Supervisor

Date: 25 April 2023

DS

JS

DS

COLOCOM

I. SCOPE OF SERVICES

Provide temporary and permanent street lighting and underground conduit plan sheets, quantities, miscellaneous quantity sheets, construction details, and special provisions due to the impacts on City of Milwaukee facilities, including but not limited to ten separate lighting circuits, as it relates to the WisDOT project that proposes the resurfacing of Forest Home Avenue roadway and reconstruction of pedestrian curb ramps.

II. SPECIAL PROVISIONS

Design PC specifications (for design staff working on an engineer's estimate) - - Contracts with projects that have PS&E dates of February 1, 2019, and beyond, go to the AASHTOWare Project Knowledge Base web site, <https://awpkb.dot.wi.gov/Content/Default.htm>, for information about supported operating systems and web browsers, how to obtain system access, and how to use AASHTOWare Project Preconstruction and AASHTOWare Project Estimator to create an engineer's estimate. (November 30, 2021)

The verbiage for the Design PC Specifications is referenced at the following webpage under the WisDOT Doing Business website: [Wisconsin Department of Transportation Consultant contract documents \(wisconsindot.gov\)](https://wisconsindot.gov/doing-business/contract-documents)

III. SCHEDULE

The MUNICIPALITY proposes to meet the DEPARTMENT'S following schedule:

- | | |
|--------------------|--------------------|
| • Draft PS&E | July 1, 2023 |
| • Advanceable PS&E | November 1, 2023 |
| • PS&E | May 1, 2024 |
| • LET | September 10, 2024 |

Municipal Individual Direct Labor Rates

Project ID: WO 1 ID 2120-18-00 MC 0695-97-39

Highway: STH 24 (Forest Home)

Project Limits: USH 45 to 45th Street

Completion Date: 12/31/24

Classification	Current Rate	Rate Of Pay AFTER 01/01/24	Rate Of Pay AFTER 01/01/25	% of Work At Current Rate	% Work After 01/01/24	TOTAL %	FINAL Weighted Average Hourly Rate
CE IV	\$49.81	\$51.40	\$53.04	60%	40%	100%	\$50.45
ET VI	\$43.82	\$45.22	\$46.67	60%	40%	100%	\$44.38
ET V	\$37.29	\$38.48	\$39.71	60%	40%	100%	\$37.77
ET II/EDT II	\$25.27	\$26.08	\$26.91	60%	40%	100%	\$25.59

ALLOWABLE PAY RATE INCREASE

3.20%

Detail of Staff Hours

Project ID: WO 1 ID 2120-18-00 MC 0695-97-39

Highway: STH 24 (Forest Home)

Project Limits: USH 45 to 45th Street

City Design Code		WisDOT Activity Code	Total Hours	CE IV	ET VI	ET V	ET III/EDT II
ROAD PLANS - PRELIMINARY DESIGN		776					
4411, 4510	Underground Conduit						
	Permanent						
	Review Plans (Inlet/Manhole Locations)				16		
	Produce Prelim Plans				24		
4411, 4510	Street Lighting						
	Permanent						
	Review Plans (Inlet/Manhole Locations)					16	
	Produce Prelim Plans					30	
	Temporary						
4922	Identify Potential Pole Locations					8	
	Review Preliminary Plans For Submittal				8	8	
SUBTOTAL			110	0	48	62	0
ROAD PLANS - FINAL DESIGN		776.25					
4411, 4510	Underground Conduit						
	Permanent						
	Review Plans & Utilities				16		
	Produce Final Plans; Construction Details				24		
4411, 4510	Prepare SPVs, Quantities, MQs, Estimate						16
	Street Lighting						
	Permanent						
	Review Plans & Utilities					16	
	Produce Final Plans; Construction Details					40	
4922	Prepare SPVs, Quantities, MQs, Estimate						40
	Temporary						
	Produce Final Plans; Construction Details					20	
	Prepare SPVs, Quantities, MQs, Estimate					8	30
4922	Review Final Plans For Submittal				12	12	
SUBTOTAL			234	0	52	96	86

Detail of Staff Hours

Project ID: WO 1 ID 2120-18-00 MC 0695-97-39

Highway: STH 24 (Forest Home)

Project Limits: USH 45 to 45th Street

City Design Code		WisDOT Activity Code	Total Hours	CE IV	ET VI	ET V	ET III/EDT II
MEETINGS		743.6					
4925	Design Review Meetings (60%, 90%)						
	Meeting Attendance				6	6	
4925	Preconstruction Meeting				4	4	
	SUBTOTAL		20	0	10	10	0
PROJECT MANAGEMENT		887					
4925	Monthly Billings and Progress Reports						
	Setup Accounting Budget Sheets and Project Files			8			
	Project Team/Staff Coordination			6			
	Subconsultant Coordination & Invoice Processing			24			
	SUBTOTAL		38	38	0	0	0
Total Hours:			402	38	110	168	86

Summary of Staff Hours and Direct Labor Rates

Project ID: WO 1 ID 2120-18-00 MC 0695-97-39

Highway: STH 24 (Forest Home)

Project Limits: USH 45 to 45th Street

Classification		CE IV		ET VI		ET V		ET II/EDT II			
Rate		\$50.45		\$44.38		\$37.77		\$25.59		Total Direct Labor	
Task	Activity Code	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars
Preliminary Road Design	776	0	\$0.00	48	\$2,130.24	62	\$2,341.74	0	\$0.00	110	\$ 4,471.98
Final Roadway Design	776.25	0	\$0.00	52	\$2,307.76	96	\$3,625.92	86	\$2,200.74	234	\$ 8,134.42
Project Dev - Meetings	743.6	0	\$0.00	10	\$443.80	10	\$377.70	0	\$0.00	20	\$ 821.50
Project Management	887	38	\$1,917.10	0	\$0.00	0	\$0.00	0	\$0.00	38	\$ 1,917.10
		38	\$1,917.10	110	\$4,881.80	168	\$6,345.36	86	\$2,200.74	402	\$15,345.00

Fee Computation Summary by Engineering Task

Project ID: WO 1 ID 2120-18-00 MC 0695-97-39

Highway: STH 24 (Forest Home)

Project Limits: USH 45 to 45th Street

Task	Activity Code	Direct Labor Costs	Overhead Costs	Fixed Fee/Profit	Direct Expenses	Total
Preliminary Road Design	776	\$4,471.98	\$3,563.72	\$0.00		\$8,035.70
Final Roadway Design	776.25	\$8,134.42	\$6,482.32	\$0.00		\$14,616.74
Project Dev - Meetings	743.6	\$821.50	\$654.65	\$0.00		\$1,476.15
Project Management	887	\$1,917.10	\$1,527.74	\$0.00		\$3,444.84
Direct Expenses						
	TOTAL:	\$15,345.00	\$12,228.43	\$0.00	\$0.00	\$27,573.43
Municipal Overhead Rate: 79.69% Percent Profit: 0.0%						

Municipal Contract Total Fee Computation

Project ID: WO 1 ID 2120-18-00 MC 0695-97-39

Highway: STH 24 (Forest Home)

Project Limits: USH 45 to 45th Street

	Original Work Order	Total for Contract
Number of Staff Hours	402	402
Total Direct Labor	\$ 15,345.00	\$ 15,345.00
Municipal Overhead Costs (79.90%)	\$ 12,228.43	\$ 12,228.43
Fixed Fee/Profit (0%)	\$ -	\$ -
Direct Expenses	\$ -	\$ -
Subtotal	\$ 27,573.43	\$ 27,573.43
Subconsultant (1st tier)	\$ -	\$ -
Subconsultant (1st tier or 2nd tier)	\$ -	\$ -
Subconsultant (1st tier or 2nd tier)	\$ -	\$ -
Subconsultants Subtotal	\$ -	\$ -
TOTAL FEE		\$ 27,573.43