



October 8, 2025

City of Rochester Hills
1000 Rochester Hills Dr.
Rochester Hills, MI 48309

Attn: Tracey Balint, P.E., City Engineer

Re: City of Rochester Hills – Design Engineering Services Proposal
Hamlin Rd HAWK Signals Installations
Tienken Rd RRFB Installations

HRC Job No. 20250758

Dear Ms. Balint:

Hubbell, Roth & Clark, Inc. (HRC) is pleased to provide this proposal for design engineering and preparation of bid documents for the City of Rochester's FY 2027 safety projects. The work will be bid through MDOT's Local Agency Program (LAP). A summary of the project and funding is as follows:

- ≡ Rectangular Rapid Flashing Beacons (RRFBs) with Median Refuge Island at Tienken Rd and Falcon Dr
- ≡ Rectangular Rapid Flashing Beacons (RRFBs) with Median Refuge Island at Tienken Rd and Medinah Dr
- ≡ HAWK Signal Installation at Hamlin Rd and Clinton River Trail Crossing
- ≡ HAWK Signal Installation at with median Refuge Island at Hamlin Rd at Hamlin Elementary School Crossing
- ≡ Total: \$833,334
- ≡ Federal funding: \$750,000
- ≡ Local match: \$83,334

HRC's scope of work to complete the Preliminary Engineering for the safety funded projects is as follows:

- ≡ Collect topographic survey
- ≡ Prepare design plans for HAWK Signals & RRFBs
- ≡ Prepare Maintenance of Traffic (MOT) Plans
- ≡ Prepare plans for the sidewalks/ramps to accommodate pushbuttons
- ≡ Prepare specifications
- ≡ Prepare cost estimate
- ≡ Conduct one field meeting with the City and RCOC to finalize layouts of the HAWKs/RRFBs
- ≡ Conduct one meeting with utility stakeholders, as needed
- ≡ Prepare SHPO Application, NEPA Forms and Program Application
- ≡ Conduct GI meeting with MDOT LAP
- ≡ Prepare final plans & bidding assistance
- ≡ Submit for RCOC permits

HRC's scope of work does not include the following:

- ≡ Soil Borings (not anticipated)
- ≡ Mast arm structural design (not anticipated)
- ≡ ROW acquisition and documents
- ≡ Street lighting design
- ≡ Road design

HRC is ready to begin Design Engineering Services work upon approval. We are targeting a January 2027 bid opening through MDOT LAP with construction to begin in the summer 2027.

Based on the scope of the work, we estimate the cost to be **\$83,270.00**, which would not be exceeded without prior authorization.

If you have any questions or require any additional information, please contact the undersigned.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.



Chuck Hart, PE
Vice President



Cole G. Villalobos, P.E., PTOE, RSP₂IB
Transportation Project Engineer

Attachment A: Hours and Costs
pc: HRC; File

Recommended By:
CITY OF ROCHESTER HILLS

Signature: _____
Tracey Balint, City Engineer

Date: _____

Approved By:
CITY OF ROCHESTER HILLS

Signature: _____
Lisa Cummins, Procurement Manager

Date: _____

ATTACHMENT A
City of Rochester Hills
Hours / Costs for Desgin Engineering Services - October 8, 2024
Hamlin Road HAWK Signals and Tienken RRFB Installations

Task Description	Principal	Associate	Proj Eng	Grad Eng	Survey Manager	Survey Crew	Project Survey	Staff Surveyor	Total By Task
Topographic Survey & Property Lines					10	50	15	15	90
Project Management & Meetings	2	10	30						42
Site Visit & Review of Conditions		5	10	10					25
NEPA, SHPO, Prog App		5	15	80					100
GI Plans/Specs/Estimate	1	5	50	160					216
GI Meeting		2	10	10					22
Utility Coordination		4	15	20					39
Sidewalk Ramp Detail Grades		5	20	55					80
Final Plans/Specs/Estimate	2	5	20	55					82
Total Hours by Classification	5	41	170	390	10	50	15	15	696

	Hours	Billable Rate	Cost
Principal	5	\$ 165.00	\$ 825.00
Associate	41	\$ 156.00	\$ 6,396.00
Project Engineer	170	\$ 132.00	\$ 22,440.00
Graduate Engineer	390	\$ 105.00	\$ 40,950.00
Survey Dept. Manager	10	\$ 160.00	\$ 1,600.00
Survey Crew	50	\$ 125.00	\$ 6,250.00
Project Survey	15	\$ 160.00	\$ 2,400.00
Staff Surveyor	15	\$ 160.00	\$ 2,400.00
Total Hours	696	Total Costs	\$ 83,270.00