



CITY OF WAUKESHA

Administration

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Common Council Item Number: ID # 16-070		Date: 2/2/2016	
Submitted By: Fred Abadi, Director of Public Works		City Administrator Approval: Kevin Lahner, City Administrator Click here to enter text.	
Finance Department Review: Rich Abbott, Finance Director RA		City Attorney's Office Review: Brian Running, City Attorney BR	
Subject: Review and act on hiring GRAEF for Construction Inspection Services for 2016.			

Details:
 The City of Waukesha Department of Public Works solicited for proposals for a Consultant to provide construction inspection services on 2015 construction projects. This request was responded to by 4 consultants and the City's review committee chose GRAEF for the work. In 2015 GRAEF provided inspection services for the City's Maple Avenue and Summit Avenue projects. GRAEF has agreed to extend the same fee schedule for labor and expenses for 2016. The hourly fee schedule for labor and expenses from GRAEF's proposal dated February 27, 2015 is attached. .

GRAEF will supply an inspector classified for a Moderately Complex Project for the E. Moreland Boulevard project, the Summit Avenue / Delafield Street project and the E. Sunset Drive project.

The total expense for the inspection work on these projects is \$245,000. This total breaks down between the projects as shown below:

Project	Estimated Inspection Services Cost	Estimated Construction Cost
E. Moreland Boulevard	\$130,000	\$8,200,000
Summit Avenue / Delafield Street	\$75,000	\$5,200,000
E. Sunset Drive	\$40,000	\$2,600,000

Options & Alternatives:
 Another one of the Consultants could be chosen, but it is recommended to use GRAEF again due to their experience and expertise, their performance in 2015 and the cost considerations.

Financial Remarks:
 The estimated costs associated with inspection services is included in the 2016 CIP as follows:
 Construction Inspection Services – Total Expense: \$245,000
 E. Moreland Boulevard Inspection- \$130,000
 Acc# 2004.68290 for Road and Traffic and Storm Sewer – \$45,000
 Acc# 0041.68290 for flood mitigation Storm Sewer - \$50,000
 Acc# 7399.68290.71480 for Sanitary Sewer– \$30,000
 Acc# 7399.68290.71430 for Water Main -\$5,000



Summit Avenue / Delafield Street Phase 2 Inspection – \$75,000

Acc# 2005.68290 for Road, Traffic and Storm Sewer - \$40,000

Acc# 7399.68290.71480 for Sanitary Sewer - \$30,000

Acc# 7399.68290.71430 for Water Main - \$5,000

E. Sunset Drive Inspection- \$40,000

Acc# 2004.68290 for Road and Traffic and Storm Sewer Inspection – \$20,000

Acc# 7399.68290.71480 for Sanitary Sewer Inspection– \$20,000

Executive Recommendation:

Recommend approval to hire GRAEF for Construction Inspection Services in 2016 with a total expense of \$245,000

Committee Recommendation:

[Click here to enter text.](#)

Rate Information

Proposed Rates

Task	Rate*	
Inspection for non-complex projects	\$ 56.00	
Inspection for moderately complex projects	\$ 63.00	
Inspection for moderately complex projects	\$ 77.00	
Preparation of as-built (include est.time for 1 complex project 2000' long)	Est. Hours 6	Hourly Rate \$94.00
2-Person Survey Crew	\$ 165.00	
Project Manager**	\$ 146.00	
Mileage (Base & Cost/Mile)***	Base Rate \$4.77	Cost/Mile \$0.575

* Normal work hours are between 7 a.m. - 5 p.m. If work continues past 5:00 p.m. payment will be made at the rate quoted for normal work hours.

** % of Time spent relative to field inspection: 3%
% of Time spent relative to as-built drawings: 1%

*** Base rate for mileage to travel to closest City of Waukesha municipal boundary = \$0.575 x 8.3 miles = \$4.77.
INTERSECTION: Bluemound & Kossow Road (8.3 miles)