

City Council Agenda Summary Sheet (Purchases)

Agenda No: 2004-0666
Date: May 24, 2004
Prepared By: Paul G. Shumejko, P.E., PTOE, Transportation Engineer
Marc G. Matich, Transportation Engineer
City File No: N/A
Meeting Date: March 18, 2004

PURPOSE:

The Department of Public Service recommends accepting the quotation and awarding the contract for the 2004 Pavement Marking Program to P.K. Contracting, Inc. of Troy, Michigan as the lowest responsive, responsible bidder in the not-to-exceed amount of \$25,423.70.

DISCUSSION:

Pavement markings are used to delineate and transmit necessary information to motorists for safe travel on major roads underneath the jurisdiction of the City of Rochester Hills. Currently, there are 35.10 miles of existing City major roads using the waterborne paint method that need painting on an annual basis. The annual pavement marking program involves contracting for the paint and application of the following:

- 1) Longitudinal lane lines
- 2) Edge lines
- 3) Center lines

Note: This excludes stop bars, arrows, path markings, and school crosswalks legends.

The new method of using sprayable thermoplastic pavement markings offers the following benefits:

- 1) Longer material life span (1-2 years, depending upon traffic volumes) and year-round safety.
- 2) Higher nighttime retro-reflectivity, brighter daylight color, and good visibility in rain.
- 3) Create uniformity throughout the City. This year, the Road Commission for Oakland County has switched over completely to this type of pavement application. Additionally, the Michigan Department of Transportation (Metro Region) has been using this product for the past three years.
- 4) Ability to install on short notice.
- 5) Quicker drying time, within 200' behind truck application.
- 6) Less motorist claims from vehicle tracking.
- 7) Material is easily repaired using melted preformed tape.
- 8) Less exposure for tort liability & risk management.
- 9) Service life is determined at the point its retro-reflectivity is reduced to approximately 100 mcd, however, still effective as it retains a daytime street presence.
- 10) Product better serves the mobility of elder motorists.

Based on the dollar amount of the engineers estimate quotations were solicited using the MITN website. When the quotations were evaluated it was discovered that the amounts were over the quotation limit. Although sealed bids are required for purchases over \$25,000.00 the use of the MITN site to post solicitations allows for maximum competition, as is the case with sealed bids.

The Department of Public Service requests authorization from City Council to move forward with the proposed 2004 Pavement Marking Program and increase the amount of the original budget from \$17,000.00 to \$25,423.70. The additional request is being made in order to upgrade the existing pavement marking network from waterborne paint to the use of the higher quality and longer lasting sprayable thermo-plastic pavement markings.

FISCAL INFORMATION:

The City's traffic employees will oversee the project

Fund Name	Fund Account #	Description	Budget Amount	Cost	Remaining Budget
Major Road Traffic Services	472.807000	Contractual Services	\$17,000	\$25,423.70	(\$8,423.70)

Vendor Name and Address:

P.K. Contracting, Inc.
 1965 Barrett Road
 Troy, Michigan 48084

Reason for Selection:

Lowest Responsive Bidder

Method of Purchase:

Purchase Order

RECOMMENDATION:

It is recommended that City Council award the contract for the 2004 Pavement Marking Program to P.K. Contracting, Inc. of Troy, Michigan as the lowest responsive, responsible bidder in the not-to-exceed amount of \$25,423.70.

ATTACHMENTS:

- 1) Bid Tab
- 2) Pavement Marking Inventory-Street Names

Department Authorization: Roger H. Rouse, DPS Director

Reviewed by:

Fiscal: *Jean Farris*

Clerks: *Susan Koliba-Galeczka*

Approved by: *Pat Somerville*

RESOLUTION

NEXT AGENDA ITEM

RETURN TO AGENDA

I:\Eng\TRAF\TROP\Pavement Markings\2004 Pvmnt Mrkng CC Agenda Summary.doc