



Inter-Departmental Memorandum

TRAFFIC-SAFETY DEPARTMENT

DATE: June 26, 20091

To: Gerald M. Holmberg  
County Highway Engineer  
Deputy Managing Director

FROM: David F. Allyn, Director  
Traffic-Safety Department

SUBJECT: **TABULATION & RECOMMENDATION FOR BIDS RECEIVED 02/06/01  
2001 COUNTY-WIDE PAVEMENT STRIPING PROGRAM, #94101**

At the request of the Board, proposals for this contract were mailed to perspective bidders this year, free of ordinary charges. Six contractors received proposals and two bids were received as shown below:

| <u>Contractor Name</u>                             | <u>Bid Alt. "A"</u> | <u>Bid Alt "B"</u> |
|--|---------------------|--------------------|
| R.S. Contracting, Inc., Fraser, MI                 | \$ 798,506.00       | \$ 1,321,206.00    |
| P.K. Contracting, Inc., Troy, MI                   | 898,634.00          | 962,162.00         |
| Chemi-Trol Chemical Company, Gibsonburg, OH        | No Bid              | No Bid             |
| Clark Highway Services, Lake City, MI              | No Bid              | No Bid             |
| Three Rivers Barricade & Equipment, Fort Wayne, IN | No Bid              | No Bid             |
| J.A. Reke & Son Pavement Marking, Eldorado, OH     | No Bid              | No Bid             |

For this year's contract, bids were solicited for two separate bid alternates. The following summarizes the basic differences between Bid Alternative "A" and Bid Alternative "B".

**Bid Alternative "A"** - This contract requires the use of Waterborne Pavement Markings, with two Centerline paintings of the county paved road system, one in the Spring (all Roads) and one in the Fall (shortened list of Roads). The Edgelines are required to be painted once. This contract has call back provisions.

**Bid Alternative "B"** - This contract requires the use of Sprayable Thermoplastic Pavement Markings for the Centerline markings (Yellow Centerline, White Lane Lines, White Regular Skips and White Short Skips) and Waterborne Pavement Marking for the Edgeline. All of the county paved road system will be required to be striped once. There will be no required second striping of the road system. This contract has call back provisions.

The purpose of bidding the alternative for Sprayable Thermoplastic Pavement Markings was to investigate the possibility of using a more durable product that would improve year round minimum retro-reflectivity requirements that may be required in the Federal Manual of Uniform Traffic Control Devices (MUTCD) in the near future.

In addition to a more durable product, there are several benefits to be gained from the use of sprayable thermoplastic: Only requires one centerline painting, nighttime painting in the urban areas of the county, no traffic coning of the markings are required, no tracking of the materials will occur due to the fast dry time, longer life with prolonged retroreflectivity (40 mil material vs. 15 mil material), less disruption to traffic (no coning) and fewer or no claims due to fast dry time (product dries after marking vehicle has traveled approximately 200 feet). Therefore, the Traffic-Safety Department recommends Bid Alternate "B", Sprayable Thermoplastic Pavement Markings for centerline and lane line with waterborne paint for the edgeline.

The low bid meeting specifications, of \$962,162.00 was received from P.K. Contracting, Inc., Troy, MI

**Construction Cost:**

|   |                 |
|---|-----------------|
| Engineer's Estimate Alternate "B"         | \$ 1,029,226.40 |
| Low Bid, P.K. Contracting, Inc., Troy, MI | 962,162.00      |

**Project Cost:**

|                       |                      |
|-----------------------|----------------------|
| Low Bid Alternate "B" | 962,162.00           |
| Budget FY-2001        | <u>\$ 808,000.00</u> |
| Over Budget Amount    | \$ 154,162.00        |

This is a project within the 2001 budget. The work is funded 100 percent by the Road Commission. Permit fees, the Michigan Department of Transportation and various local municipalities will reimburse portions of this contract work.

The over budget amount of \$154,162.00 does not require a budget transfer to the Traffic-Safety Department's Contracted Services budget at this time. The 2001 County-Wide Legend Program and the 2000 County-Wide Marker Program will be bid later this year. At that time we will assess our budget and take the appropriate action necessary to fund this project. We are anticipating the funding to be available from other Traffic-Safety Department accounts.

Cost comparison information for the annual County-Wide Striping Program is not available this year due to the use of a new material for which we are receiving bids for the first time, although we are aware that this is a very competitive price.

**RECOMMENDATION:**

I, therefore, recommend the Board ACCEPT the Alternate "B" proposal of the low bidder, P.K. Contracting, Inc., Troy, MI, in the amount of \$962,162.00 in reference to project #94101; and that the Board authorize the Managing Director, on behalf of the Board, to execute a contract with P.K. Contracting, Inc., Troy, MI, to construct said project, upon receipt of the necessary bonds and insurance, and all other required documents.

DFA:CTK:ctk

c: Tom Blust