



**Request for City Council Committee Action
From the Departments of Public Works and Procurement**

Date: June 4th, 2013
To: Honorable Sandra Colvin Roy, Chair Transportation & Public Works Committee
Referral to: Honorable Betsy Hodges, Chair Ways and Means Committee
Subject: **Approval of Official Publication No. 7787 Bids for Combination Asphalt Roller**

Recommendation:

Acceptance of the single bid of Ziegler, Inc. for an estimated expenditure of \$217,059.86 to furnish and deliver a combination asphalt roller to the City of Minneapolis Public Works – Equipment Division, as follows:

Base Unit (Roller)	\$197,118.00
6.875% tax	\$ 13,551.86
Optional Warranty	\$ 6,390.00

For a Total Bid of: \$217,059.86

Terms are net-30 days F.O.B.: Destination

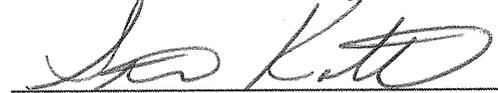
Please refer to the enclosed Staff Memo.

This has been approved by the Civil Rights Department

Prepared by: Gary Warnberg Director, Purchasing



Approved by: Steven A. Kotke, P.E. Director, Public Works



<p>Financial Impact (Check those that apply)</p> <p><input type="checkbox"/> No financial impact - or - Action is within current department budget. (If checked, go directly to Background/Supporting Information)</p> <p><input type="checkbox"/> Action requires an appropriation increase to the Capital Budget</p> <p><input type="checkbox"/> Action requires an appropriation increase to the Operating Budget</p> <p><input type="checkbox"/> Action provides increased revenue for appropriation increase</p> <p><input type="checkbox"/> Action requires use of contingency or reserves</p> <p><input checked="" type="checkbox"/> Other financial impact (Explain): Action is within Budget</p> <p><input type="checkbox"/> Request provided to the Budget Office when provided to the Committee Coordinator</p>
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Background/Supporting Information:

Tabulation of one (1) bid received on Official Publication No. 7787 Bids for Combination Asphalt Roller

Attachments - Staff Recommendation
Tabulation Sheet

cc: A. Thunberg
L. Matsumoto
R. Crossland



Minneapolis
City of Lakes

**Department of
Public Works**
Steven A. Kotke, P.E.
City Engineer
Director

350 South 5th Street - Room 203
Minneapolis MN 55415

Office 612 673-3000
Fax 612 673-3565
TTY 612 673-2157

Al Thunberg
Public Works, FSD
David Schlueter
Finance, Purchasing

Date: April 12, 2013

RE: OP 7787, Combination Asphalt Roller

Dear Mr. Thunberg and Mr. Schlueter

As the using Public Works Division who will be the end user of this Combination Asphalt Roller, I would like to provide the following information and recommendation.

Background

Asphalt Rollers are used for the compaction of asphalt pavements to achieve correct density during the installation of these pavements. They are critical to the success of meeting specified densities (compacting the loose asphalt). Asphalt rollers are a unique piece of construction equipment and due to their specific use, are not interchangeable with other types of compaction rollers. Presently there are only three manufacturers of asphalt rollers, which are used in the US asphalt paving industry.

Of the 2 million miles of paved roads in America, 90% of them are asphalt pavement. Of these asphalt paved roads, they are installed on the larger, highways and freeways, and also used on residential streets in cities. There is a distinct difference in construction methods in installing asphalt pavements on highways versus city streets, and with this distinct difference in construction methods, are also the types of equipment used. A big asphalt roller used to build a freeway, might not be the best machine to build a city street.

Asphalt Roller

The asphalt roller specification which was used for this OP 7787 is the same for the asphalt roller which was bid in 2005. The 2005 asphalt roller has performed well in the 8 years of use, and that is why we want to use the same requirements for a new asphalt roller. Presently we have asphalt rollers from 1991 and have served Public Works, well for the past 22 years, and these rollers are similar to the roller purchased in 2005 and again bid now.



Recommendation

In summary, there are differences in asphalt pavement construction for high volume highways, and city streets. Asphalt rollers are unique to their specific use in a city environment. There are three manufacturers who make asphalt rollers. The specifications used for OP 7787 are the same specifications used on previous rollers used by Public Works. There is only one bidder who can supply this specific asphalt roller and this bidder is using the same base materials and operating devices and the previous asphalt roller.

Based on this I recommend acceptance of the Weiler C110 Soil/Asphalt Compactor bid.

Larry Matsumoto, PE
Paving Engineer, Public Works

