

**SUMMARY REPORT TO MANAGER**  
For City Council Meeting of September 12, 2005

**SUBJECT:** LANDFILL – COMPACTOR WHEEL CAPS REPLACEMENT

**INITIATED BY:** Noel D. Bush, Utilities Director

**RESOLUTION SUMMARY:** This resolution waives sealed proposals as impractical, in accord with Sec. 2-18 of the Code of Ordinances, and authorizes a purchase order in the amount of \$32,130.00 to Midland Engine, Inc. for the supply and installation of replacement wheel cap sets for the Bomag 771RB owned by the City of Midland Landfill, and further authorizes the City Manager to approve change orders in an aggregate amount not to exceed \$5,000.00.

**ITEMS ATTACHED:**

1. Letter of transmittal
2. Resolution

**COUNCIL ACTION:**

1. 4/5 vote required to approve resolution.

NDB;jjs



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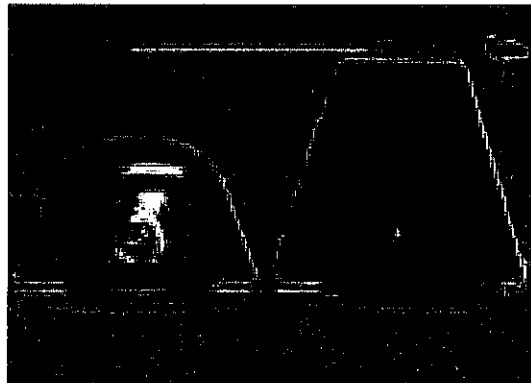
September 8, 2005

Honorable Mayor and City Council  
City of Midland  
333 W. Ellsworth Street  
Midland, Michigan 48640

Dear Councilmen:

The City of Midland Landfill is required as part of its operating license to compact and cover refuse on a daily basis. It is in the best interest of the City to compress the refuse into the smallest possible space to extend the life of the Landfill. To accomplish this, the City utilizes two compactors, a Bomag 771RB (80,000 lbs) and a Bomag 1172RB (120,000 lbs.) that effectively chop and compress the refuse.

A key component to compaction is the solid steel wheels with metal teeth, or caps. In the photo below a worn cap (one of 220) from the Bomag 771RB sits to the left of a painted replacement cap, which is 5 ½-inch in height by 5 ½-inch wide at the base, and weighs approximately 17 pounds.



The effectiveness of the existing teeth in their current condition greatly reduces compaction of solid waste. The replacement cap set for the Bomag 771RB is a patented, sole source product provided by the regional distributor, Midland Engine, Inc. The parts and labor for the replacement of the 220 worn wheel caps will be provided at a cost of \$32,130.00.

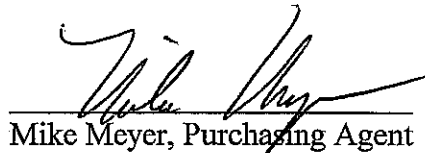
This will be the second time that worn wheel caps for this compactor have been replaced. Since the first replacement in spring 2002 the cost for these same parts has increased by over \$10,000.00, due mainly to the cost increase of steel.

Sufficient funds are available in Landfill Fund account #517-9120-912.97-30 – Capital Equipment. Staff therefore recommends that sealed competitive bids be waived as impractical, and a purchase order be issued in the amount of \$32,130.00 to Midland Engine, Inc. Because the condition of the wheel holding each cap is worn, additional welding may be required once the current caps are removed. Staff further recommends that the City Manager be authorized to make changes to said purchase order in an aggregate amount not to exceed \$5,000.00.

Respectfully submitted,



Noel Bush, Utilities Director



Mike Meyer, Purchasing Agent



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BY COUNCILMAN

WHEREAS, the City of Midland Landfill utilizes a large compactor to chop and compress refuse into the smallest possible space to extend the life of the landfill, and is accomplished by utilizing two compactors, a Bomag 771RB (80,00 lbs) and a Bomag 1172RB (120,000 lbs.); and

WHEREAS, to compress the refuse, the compactors utilize solid steel wheels with metal teeth, or caps that lose compaction effectiveness as the teeth wear; and

WHEREAS, the replacement cap set design for the Bomag 771RB is a patented, sole source product that can be provided and installed by the regional distributor, Midland Engine, Inc. at a cost of \$32,130.00 for 220 sets; and

WHEREAS, sufficient funds are available in Landfill Fund capital account #517-9120-912.97-30 – Capital Equipment; now therefore

RESOLVED, that in accord with Code Section 2-18, the requirement for sealed competitive proposals is hereby waived as impractical, and a purchase order is authorized to Midland Engine, Inc. in the amount of \$32,130.00 for supply and installation of replacement wheel cap sets for the Bomag 771RB compactor; and

RESOLVED FURTHER, that the City Manager is authorized to approve changes to said purchase order in an aggregate amount not to exceed \$5,000.00.

YEAS:

NAYS:

ABSENT:

I, Selina Tisdale, City Clerk, City of Midland, Counties of Bay and Midland, State of Michigan, do hereby certify that the foregoing is a true and correct copy of a resolution adopted by a yeavote of all the Councilmen present at a regular meeting of the City Council held Monday, September 12, 2005.

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Selina Tisdale, City Clerk