



Meeting: Village Board
Meeting Date: 09/09/2013
Agenda Item: 5c

Mission Statement
 Delivering quality services in a courteous, cost-effective and efficient manner.

VILLAGE BOARD MEETING STAFF REPORT

REPORT TO: Burt R. McIntyre, President
 Village Board of Trustees

REVIEWED BY:

REPORT FROM: Geoffrey S. Farr, PE, Director of Public Works

AGENDA ITEM: Review and take action on the purchase of an asphalt roller.

POLICY ISSUE

Should the Village Board approve the purchase of a new roller?

BACKGROUND INFORMATION

The Village currently has one asphalt roller that is used to patch pavement. It is a 1988 Rosco Virastat III with 36" drums. The Public Works Department needs to replace the roller as piston blew two weeks ago and the motor cannot be repaired cost effectively. An operable roller of this type is worth about \$3,500 and a motor repair would cost approximately \$4,000. The roller is now not operable and is only worth the parts value. This roller was to be included in the budget for replacement next year anyway but is being advanced now due to need and the fact that we have patches that have been open now for two weeks.

Unfortunately because of timing staff does not have time needed to formally specify and bid this out but pricing for the replacement of the roller as follows:

	<u>Aring Equipment</u>	<u>Fabco Equipment</u>	<u>Miller Bradford Risberg</u>	<u>Roland Machinery</u>
Motor	2103 Volvo DD15	2013 Caterpillar CB14XW	2013 Bomag BW900-50	2007 Hamm HD8VV
Drum	Diesel	Diesel	Gas Honda	Diesel
	<u>36"</u>	<u>36"</u>	<u>36"</u>	<u>34" (31.5 w 2.2" offset)</u>
Price	\$ 28,622	\$ 26,851	\$ 16,150	\$ 17,890

The Bomag is a very good model with the minimum features that we need. The 2007 Hamm has 500 hours on it and is a loaded full flush model with features the others do not have and is \$29,000 new. Staff spoke with the original owner of the Hamm and this is the only brand he buys because he has used them all and they are a better compactor. He said there is nothing wrong with it and he trades them every two years to keep the fleet new. The Bomag and Hamm can both be delivered within 7 days. I am recommending the Hamm because it has features the other models do not. Alternatively I would recommend the Bomag.

PRIOR ACTION/REVIEW

None

FISCAL IMPACT:

1. Is There A Fiscal Impact?	<u>Yes</u>
2. Is it Currently Budgeted?	<u>No</u>
3. If Budgeted, Which Line?	<u>N/A</u>
4. Amount?	<u>\$17,890</u>

RECOMMENDED ACTION

Staff recommends that the Village Board approve the purchase of the Caterpillar loader and trade-in.

If the Village Board agrees with this action, the following motion could be used, ***“Motion to approve the purchase of a 2007 Hamm HD8VV from Roland Machinery for \$17,890 and sell the old roller for parts.”***

POLICY ALTERNATIVE(S)

The Village Board could take the following actions:

- Approve the purchase
- Deny the purchase
- Table the purchase and ask for more information

ATTACHED INFORMATION

- I. Roller Pictures

COPIES FORWARDED TO:

- I. None

VOLVO DOUBLE DRUM COMPACTOR

DD15

1.5-1.6 t (3,307-3,527 lb), 12.4 kW (16.6 hp)



CB14
CB14 xw
CB14 Full Flush
 Asphalt Compactors

CAT



	CB14	CB14 XW	CB14 XW	CB14 Full Flush
Cat® C1.1 Diesel Engine				
Gross power (ISO 14396) at 2400 rpm	16.1 kW/22 hp	16.1 kW/22 hp	16.1 kW/22 hp	16.1 kW/22 hp
Net power (ISO 9249) at 2400 rpm	15.5 kW/21 hp	15.5 kW/21 hp	15.5 kW/21 hp	15.5 kW/21 hp
Compaction width	800 mm	900 mm	1000 mm	900 mm
Operating weight (with ROPS)	1620 kg	1710 kg	1840 kg	1600 kg



BOMAG
FAYAT GROUP

Tandem Vibratory Roller

BW900-50



Clear operation and indicator controls with a new ergonomic steering wheel for maximum comfort.



The standard foldable ROPS offers flexibility for transport and storage.



Maintenance free bolt on articulated and oscillating joint.

HD 8 vv

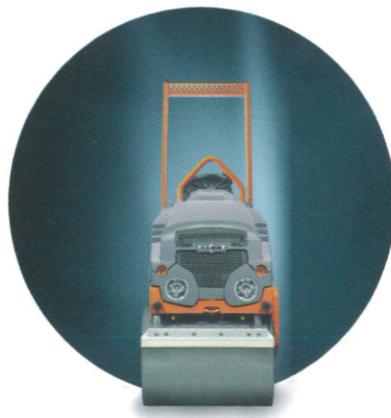


Articulated tandem roller

New \$29,000

- ▶ Hydrostatic dual drum drive
- ▶ Automatic/manual vibration system
- ▶ Hydrostatic articulated steering
- ▶ Excellent maneuverability
- ▶ Low sound level
- ▶ 3 braking systems with Emergency Stop button
- ▶ Plastic water tank, pressurized water system, hand serviceable, plastic spray nozzles
- ▶ Fixed, 2.2" (56mm), offset

HD 8 vv



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