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Muscatine, IA 52761-5040
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Public Works

City Transit
263-8152

MEMORANDUM

Equipment Maintenance
Roadway Maintenance
Collection & Drainage
Building & Grounds
Engineering

To: Gregg Mandsager, City Administrator
CC: Fran Donelson, Secretary
FROM: Randy Hill, Public Works Director
DATE: June 1, 2015
RE: Double Drum Vibratory Ride-On Roller

INTRODUCTION:

The City of Muscatine opened bids on Friday, May 15th for a Double Drum Vibratory Ride-On Roller. \$45,000 has been budgeted for this purchase.

BACKGROUND:

The roller is used for many construction projects within the Public Works Department. Its primary use is on asphalt surfaces for street repairs and patching. It is also used to compact base material for trails, sidewalks and streets. The current roller is 25 years old.

RECOMMENDATION/RATIONALE:

The City received many bids (see attached bid sheet) ranging in price from \$28,749 to \$44,821. However the three lowest bids did not meet specifications. After review by PW's staff we recommend purchase of the low bid from Logan Contractors Supply (Bettendorf) in the amount of \$35,976.47. This is \$9,023.53 under the budgeted amount.

If you have any questions, please contact me.

BACKUP INFORMATION:

1. Randy Howell memo dated May 29, 2015
2. Bid Tab Sheet

**"I remember Muscatine for its sunsets. I have never seen any
on either side of the ocean that equaled them" — Mark Twain**

MEMORANDUM

TO: RANDY HILL, PUBLIC WORKS DIRECTOR
FROM: RANDY HOWELL
SUBJECT: DOUBLE DRUM VIBRATORY RIDE-ON ROLLER
DATE: JUNE 1, 2015

On Friday, May 15th, 2015 the City of Muscatine received 14 bids for a Double Drum Vibratory Ride-on Roller. Bid tab sheet is attached. The two lowest bidders did not meet specifications. The next lowest bidder was Logan Contractors Supply Inc. from Bettendorf, IA with the bid of \$35,976.47. I recommend the City of Muscatine accept the bid from Logan Contractors Supply, Inc. in the amount of \$35,976.47. The budgeted amount was \$45,000.00.

If you have any questions, please feel free to contact me.

City of Muskegon
1400 Washington Street
Muskegon, Iowa 52701
PH (563) 283-4833
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BD TABULATION FOR DOUBLE DRUM VIBRATORY RIDE-ON ROLLER
BUDGETED AMOUNT \$ 48,000.00

10/26/2015
R.L.N.

SUPPLIER	JAMES W BELL CO INC. P.O. BOX 727 CEDAR RAPIDS, IOWA 52405 PH (515) 362-1151	ROAD MACHINERY & SUPPLY 500 W. 10th AVENUE MILAN, IL 61264 PH (815) 387-1742	REXCO EQUIPMENT, INC. 13500 118th AVENUE DAVENPORT, IA 50804 PH (562) 381-1200	LOGAN CONTRACTORS SUPPLY, INC. 4114 STATE STREET BETHTHORN, IA 52722 PH (562) 441-2949	LOGAN CONTRACTORS SUPPLY, INC. 4114 STATE STREET BETHTHORN, IA 52722 PH (562) 441-2949	TITAN MACHINERY 3138 78th ST. WEST DAVENPORT, IA 52006 PH (562) 386-0400	STAR EQUIPMENT LTD 2550 6th STREET SW CEDAR RAPIDS, IA 52402 PH (319) 365-4139
MAKE	*2008 SANY	2015 ATLAS COPCO	2015 SANY	2015 WACKER NEUSON	2015 BOMAG	2015 CASE	2015 WACKER NEUSON
MODEL	SN300-1	CC 1150	SW320	RD-27-100 PRO	BW-325LA	RD27-100 PRO	RD27-100 BASIC
ENGINE/MAKE/MODEL	Kubota (D1703-J4-E101)	Kubota (D1703-J4)	Kubota (D1703-J4-E101)	PERKINS DIESEL	Kubota (D1703-D)	Kubota (D1703-D)	Kubota D1603 MCD
H.P. @ R.P.M	35 H.P. @ 2500 RPM	35 H.P. @ 2,800 RPM	35H.P. @ 2,000 RPM	33 H.P. @ 2,600 RPM	25 H.P. @2,700 RPM	31 H.P. @ 2,300R.P.M.	37.5 H.P. @ 2700 RPM
Operating Weight-4500 cu.in.	6,900 LBS	5,300 LBS	6,200 LBS	6,770 LBS	5,511 LBS	5,400 LBS	5,470 LBS
VIBRATION FRONT DRUM	YES	YES	YES	YES	YES	YES	YES
REAR DRUM	YES	YES	YES	YES	YES	YES	YES
BOTH DRUMS	YES	YES	YES	YES	YES	YES	YES
VIBRATION FREQUENCY	4,000 V.P.M.	3,900 V.P.M.	4,000 V.P.M.	3,300/3,900 V.P.M.	4,370 V.P.M.	3,480/3,960 V.P.M.	3,900 V.P.M.
CENTRIFUGAL FORCE	7,055 LBS	6,940 LBS	6,175 LBS	5,483/7,688 LBS	6,993 LBS	7,419/9,217 LBS	18,060 LBS
NORMAL AMPLITUDE MIN.	014 INCHES	000 INCHES	013 INCHES	50 INCHES	0.60 INCHES	0165 INCHES	.05 INCHES
DRUM DIAMETER FRONT	28 INCHES	27 INCHES	28 INCHES	27.6 INCHES	27.6 INCHES	27.6 INCHES	27.6 INCHES
DRUM DIAMETER REAR	28 INCHES	27 INCHES	28 INCHES	27.6 INCHES	27.6 INCHES	27.6 INCHES	27.6 INCHES
ROLLING WIDTH-30" MIN	51 INCHES	42 INCHES	39 INCHES	39.4 INCHES	47.2 INCHES	39.4 INCHES	39.4 INCHES
Turning Radius, Inside Edge of Drum	98 INCHES	100 INCHES	107 INCHES	103.9 INCHES	99.5 INCHES	92.5 INCHES	103.9 INCHES
GRADEABILITY- 20% MIN	38.00	49.00	43.00	35.00	40.00	40.00	35.00
POWER STEERING	ARTICULATED	YES	YES	YES	YES	YES	YES
SPRAY SYSTEM CAPACITY	48 GALLON	42 GALLON	48 GALLON	39.0 GALLON	43.0 GALLON	53 GALLON	50 GALLON
SPRAY SYSTEM FILTRATION	YES	YES	YES	YES	YES	YES	YES
Spray System Fuel Resizant	YES	YES	YES	YES	YES	YES	YES
COCOA MATS-Start be Standard	YES	NO	YES	YES	YES	NO	NO
NEUTRAL START SAFETY SWITCH	YES	YES	YES	YES	YES	N/A	YES
HO STROKE LIGHT(TARGET 41203)	YES	YES	YES	YES	YES	NO	YES
SERVICE MANUAL	YES	YES	YES	YES	YES	N/A	YES
PARTS MANUAL	YES	YES	YES	YES	YES	N/A	YES
OWNER'S MANUAL	YES	YES	YES	YES	YES	N/A	YES
NET PRICE	\$28,748.00	\$33,677.00	\$35,990.00	\$43,511.78	\$55,879.47	\$91,250.00	\$27,160.00
OPTION #1 (EXTENDED WARRANTY)						\$18,640.00	\$1,000.00
OPTION #2 (COCOA MAT)						\$495.00	\$495.00
TOTAL COST						\$28,108.00	\$27,655.00

*Does not meet spec.

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NOTE: