



Board of County Commissioners Agenda Request

4B

Agenda Item #

Requested Meeting Date: April 10, 2018

Title of Item: Equipment Purchase - One Motor Grader

<input checked="" type="checkbox"/> REGULAR AGENDA <input type="checkbox"/> CONSENT AGENDA <input type="checkbox"/> INFORMATION ONLY	Action Requested: <input checked="" type="checkbox"/> Approve/Deny Motion <input type="checkbox"/> Adopt Resolution (attach draft)	<input type="checkbox"/> Direction Requested <input type="checkbox"/> Discussion Item <input type="checkbox"/> Hold Public Hearing* <i>*provide copy of hearing notice that was published</i>
Submitted by: John Welle		Department: Highway Department
Presenter (Name and Title): John Welle		Estimated Time Needed: 15 minutes
Summary of Issue: <p>One of the eight highway department fleet motor graders, Unit 210, was programmed and budgeted for replacement in the 2018 Capital Equipment Replacement Program. The budgeted cost of \$220,000 reflects the anticipated purchase amount of the new motor grader with attachments, less the trade-in value for Unit 210.</p> <p>Attachments to the motor grader include front dozer blade, side snow wing, and rear compactor.</p> <p>State bid prices were compared for a Caterpillar 120M2 offered by Zeigler, Inc. of Minneapolis, MN through Contract #132791 and a John Deere 670GP offered by RDO Equipment in Burnsville, MN through Contract #132789. Trade-in values were also solicited from the two vendors. Cost comparisons of the two options are shown on the attached summary.</p>		
Alternatives, Options, Effects on Others/Comments:		
Recommended Action/Motion: Request authorization by motion to purchase one Caterpillar 120M2 motor grader from Zeigler, Inc. for a total price of \$222,440.		
Financial Impact: Is there a cost associated with this request? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No What is the total cost, with tax and shipping? \$ 222,440 plus applicable tax and fees Is this budgeted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Please Explain:</i> \$220,000 was budgeted in 2018.		

Legally binding agreements must have County Attorney approval prior to submission.

Motor Grader Comparison

	Zeigler, Inc. 901 West 94th Street Bloomington, MN 56420	RDO Equipment Company 12500 Dupont Avenue South Burnsville, MN 56337
	Caterpillar 120M2 Base Price \$ 222,330	John Deere 670GP Base Price \$156,371
Machine Specifications:		
Net Horsepower	145-189 (1st gear to 8th gear)	170-235 (1st gear to 8th gear)
Operating Weight	38,228 pounds	35,220 pounds
Number of Drive Tires	4	4
Alternator Size	150 amp	130 amp \$ 217
Battery CCA	Two 1400 CCA	Two 1400 CCA
Differential Type	Lock-unlock, automatic	lock-unlock, automatic
Fuel Tank Size	110 gallons	110 gallon
Transmission	8 forward, 8 reverse	8 forward, 8 reverse
Powershift Transmission	Powershift	Powershift
Electronic Steering/Hydraulic Controls	yes	yes \$ 16,205
Standard Warranty	1 year unlimited hours	1 year full machine
heater, AC, air suspension seat, side window wipers, rear window wipers/washer, rear window defrost	standard	standard
rear vision camera	standard \$ -	standard \$ -
inside rear view mirror, wide angle	Included with snowfighter package \$ -	\$ 1,338
heated outside mirrors	standard \$ -	standard
Cab Air Precleaner	Included with snowfighter package \$ -	not standard
Heavy Duty Air Cleaner	standard	\$ 488
Adjusting Rotary Ejector Precleaner	standard	\$ 528
front washer/wiper	standard \$ -	\$ 292
Right Hand cab door w/intermittent wiper and ladder	standard \$ -	\$ 352
Speedometer/tachometer	standard \$ -	standard
AM/FM WB radio, rear sunshade 24-12 conv.	Included with snowfighter package \$ -	standard
supplemental steering	standard \$ -	\$ 883
autoshift transmission	Included with snowfighter package \$ -	not standard
transmission solenoid valve guard	standard	\$ 985
Tier 4 compliant	standard \$ -	\$ 112
cold weather package	Included with snowfighter package \$ -	\$ 25,064
engine coolant heater	standard \$ -	NA
ether starting aid	standard \$ -	\$ 183
fluid sampling ports	standard \$ -	\$ 251
extended life coolant (-30 degrees)	standard \$ -	standard
lights	Wheelen L22 LED beacon (blue or amb) \$ 570	Grading lights \$ 576
17,5R25 XTLA on 14" x 25" multi piece rims	\$ 520	\$ 9,102
hydraulic controls base + 3	Included with snowfighter package \$ -	Grade pro Controls 1 front 3 rear \$ 3,498
hydraulic pump disconnect	standard	\$ 99
single input gearbox w/ slip clutch	double input standard	\$ 1,447
14' x 24" x 7/8" blade	14x27x1 Included with Snowfighter \$ -	\$ 824
left blade extension	\$ 3,450	\$ 1,168
standard pin-on hitch	\$ 3,120	
9' dozer blade	\$ 5,110	8 75' dozer blade \$ 5,287
Roller Attachment	Walk N Roll WR75 Series 3 roller \$ 21,200	HandiHitch 570-PP01G 90" packer roller \$ 21,188
HD lift assembly (in lieu of rear ripper)	\$ 8,950	Quick Attach, Link Arms, Lift Assembly \$ 7,387
Front fenders	\$ 2,170	\$ 1,137
Flip down Cab Beacon Bracket LH	standard	\$ 83
SMV sign	standard	\$ 45
Snow Fighter Package	\$ 5,980	NA
Hydraulic Elevating Rear Post	included with wing option	\$ 448
2012 all hydraulic snow wing	\$ 13,240	\$ 14,225
Freight	\$ 900	\$ 2,350
Total:	\$ 287,540	\$272,127
Trade-In Allowance:	\$ 65,100	\$ 49,000
Total After Trade-In Allowance:	\$ 222,440	\$223,127