



CITY OF HOMER PUBLIC WORKS DEPARTMENT

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MEMORANDUM 10-140

To: Walt Wrede, City Manager

From: Jan Jonker, Public Works Superintendent *Jeff OSM*

Thru: Carey Meyer, PW Director

Date: Monday, November 01, 2010

Subject: Snow Blower Attachment Purchase

Discussion

In 2009 \$125,000.00 was approved for the purchase of a replacement large snow blower attachment to replace one of our 25+ years old existing units. Due to General Fund shortages in 2009 this equipment purchase was put on hold for 2009.

On October 08, 2010 three heavy equipment dealers were contacted and requested to provide written quotes for this equipment. Quotes for the base unit were requested and received from;

Craig Taylor Equipment, Soldotna, AK	\$117,905.00
Construction Machinery, Inc., Anchorage, AK	\$152,249.00
Yukon Equipment, Inc., Anchorage, AK	\$217,000.00

These proposals were reviewed for conformity with our request, available budget and which unit will best fit our needs. A comparison spreadsheet of these units is attached.

Review Results

- Craig Taylor Equipment
 - D50 Larue
 - Machine meets specifications and is within budget.
- Construction Machinery, Inc.
 - Tenco TCS-172
 - Machine is too small. Not heavy duty for our needs.
 - Tenco TCS-202
 - Machine meets specifications.
 - Exceeds budget by \$27,000+

- Yukon Equipment, Inc.
 - M-B H-2000
 - Machine exceeds specifications.
 - Machine is too heavy for our front end loaders @ 14,000 lbs
 - Exceeds budget by \$92,000

Recommendation

Based upon review of the proposals and available budget the following recommendations are made.

1. Approve the purchase of this base equipment to Craig Taylor Equipment, 44170 K-Beach Rd., Soldotna, AK 99669 in for the base unit in the amount of \$117,905.00.
2. In addition to the base unit purchase, also include the following optional items.
 - a. Torque limiter override for augers - \$4,950.00
 - b. Carbide scraper blade - \$1,250.00

The total award and purchase for this equipment for the base unit and options is **\$124,105.00.**

Fiscal Note

Account No. 156-395 Public Works Reserves includes \$125,000.00 for this equipment purchase

2010 Front End Loader Mounted Snow Blower Comparison Summary

	Yukon Equipment Anchorage, AK Roger Morris - 677-5730	Craig Taylor Equip. Soldotna, AK Steve Irvine - 262-5977	Construction Machinery Anchorage, AK Kirk Curry - 244-7154	Construction Machinery Anchorage, AK Kirk Curry - 244-7154
Make	M-B Companies, Inc. Chilton, WI	J.A. Larue Inc. Lenoir, Quebec	Tenco Machinery Ltd. St.-Valerien-de-Milton, Quebec	Tenco Machinery Ltd. St.-Valerien-de-Milton, Quebec
Model	M-B H-2000	D50 Larue	Tenco ICS-172 LMM	Tenco ICS-202 -LM
Engine	Caterpillar C-7 / 300 HP	Caterpillar C-7 / 300 HP	Cat C-7 / 250 HP	Caterpillar C-7 / 275 HP
Exhaust	Residential muffler	Residential muffler	Residential muffler	Residential muffler
Capacity	2000 TPH	2400 TPH	1800 TPH	2750 TPH
Operating Weight	14,000 lbs	9,500 lbs	7,950 lbs	9,300 lbs
Fuel Capacity	100 gal tank / 8-10 hours operation	90 gal tank - 10 hours operation	90 gal tank - 10 hours operation	90 gal tank - 10 hours operation
Cast Distance	120 feet side chute / 40 feet truck chute	150 feet side chute / 40 feet truck chute	150 feet side chute / 40 feet truck chute	150 feet side chute / 40 feet truck chute
Cutting Height	58 in.	58 in.	50 in.	54 in.
Cutting Width	113 in. (9.4')	112 in. (9.3')	102" (8.5')	102" (8.5')
Drive Type	hydrostatic / reversible ribbon & impellar	mechanical drive w/ 2-disc clutch, roller	over-center clutch / chain & gear reduction	
Auger Type	38" single ribbon	2-20" serated / shear pin	2-16" serated / shear pin	2-20" serated / shear pin
Impeller Type	46" single w/ replacable blades	40" single w/ 5 blades	34" single w/5-bolt on impellar blades	38" single w/5-bolt on impellar blades
Impeller Protection	shear bolt	shear bolt	2-set shear bolts	2-set shear bolts
Skid Shoes	carbide available	carbide available	carbide available	carbide available
Truck Load Chute	optional	standard 139" height	13" d hydraulic	17" d hydraulic
Work Lights	2 each	4 - each (2-chute/2-front)	2 each	2 each
Master Switch	yes	yes w/ emergency stop	yes	yes

