

**EAGLE MOUNTAIN CITY**  
**CITY COUNCIL MEETING**  
**JUNE 18, 2013**

<b>TITLE:</b>	Purchase of a Kubota Compact Track Loader for Sewer Plant		
<b>FISCAL IMPACT:</b>	\$42,070.00 (GL#: 52-45-52000-2513, Equipment Supplies & Maintenance)		
<b>APPLICANT:</b>	Christopher T. Trusty, Public Works Director/City Engineer		
<b>GENERAL PLAN DESIGNATION</b>	<b>CURRENT ZONE</b>	<b>ACREAGE</b>	<b>COMMUNITY</b>
N/A	N/A	N/A	

**NOTICES:**

- Posted in 2 public places
- Posted on City webpage
- Notice to newspapers

**REQUIRED FINDINGS:**

<b>Public Works Board Recommendation</b>
<b>Vote: N/A</b>

<b>Prepared By: David C. Norman</b>
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**NOTES/COMMENTS:**

**RECOMMENDATION:**

That the City Council approve the purchase of a compact track loader, including 68" wide scraper bucket, from the Utah State Contract #MA206, in the amount of \$42,070.00.

**BACKGROUND:**

As part of the new sewer treatment plant completed in 2010, a sand drying bed was built to allow for the bio-solids (the treated waste from the plant that needs to be disposed of) to be dried and then disposed of. In order to remove the solids from the drying beds, once they are completely dry, a compact loader (skid steer) is used to remove the dry solids. The City owns a skid steer with tires. It was quickly discovered that the tires on the skid steer would sink into the sand while trying to scrape off the solids after the water drained through the sand. The drying beds are built using specific types and layers of sand and gravel so that the water will properly drain. If the sand and gravel are torn up by the wheels sinking in and tearing it up, the entire drying bed will need to be excavated and rebuilt.

The City has been renting a track skid steer when the solids need to be removed from the sand drying bed in order to properly remove the solids and protect the layers of sand and gravel. The challenge has been that when the drying beds work most effectively are during the hot summer months. This is also when most landscapers and homeowners rent skid steers to do home improvement projects. More than half the time, when the solids need to be removed from the drying beds, there are no track loaders available to rent. This causes the treatment plant operators to haul additional loads of solids to Timpanogos Special Service District (TSSD), which costs the operators time, the expense of the pump truck and the additional charge for disposal of the solids.

The Sewer Utility has anticipated the expense for the track loader in this 2012-2013 budget, and has reserved the funds in its Equipment, Supplies and Maintenance budget for this purchase. The purchase of this loader, which is the Kubota SVL75C Rubber Track Loader with cab and the 68" wide scraper bucket is being purchased through the State Contract #MA206. We also priced leasing the equipment rather than purchasing it, but the lease cost is \$12,529.00 per year, for 2 years. With proper use, care and maintenance, the loader should last 6 to 8 years, which would justify the purchase rather than leasing.

