



CITY OF RAPID CITY

RAPID CITY, SOUTH DAKOTA 57701

Public Works Department

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Date: November 5, 2018

To: Rapid City Council

From: Lucas Hartshorn - Acting MRF Supervisor
Dan Coon – Assistant Public Works Director

Ref: Material Recovery Facility Forklift Bid Recommendation

The City of Rapid City Solid Waste Division has received and reviewed bids for supply of two 8000 Pound Triple Stage Forklifts. Bids were received from Lift Pro Equipment Company, Inc. (Lift Pro) and Endless Sales dba Octane Forklifts (Octane). Octane Forklifts is the low apparent bidder for this equipment. However, after review of the bids received the Solid Waste Division staff recommends the equipment bid be awarded to Lift Pro for two 8000 Pound Triple Stage Forklifts with the Cascades Load Push attachment. Reasons for this recommendation are:

1. The Octane forklift has a lowered mast height of 99.8 inches which is higher than the specified 88.5 inches. This mast height is too tall to load the trucks used to haul sold recyclables from the facility and will not fit under the facility's recycling pods. Both of these items are critical functions for a forklift at this facility. The Lift Pro forklift meets the specified lowered mast height.
2. The Octane forklift has a width of 59.5 inches which is wider than specified and too wide for areas it is required to work in. The Lift Pro forklift has a width of 50 inches which is larger than the specified 46.5 inches but is the same as the forklifts currently in use at the facility.
3. The Octane forklift bid states the equipment does not meet the specified maximum outside turning radius of 90 inches. The Lift Pro forklift meets the maximum turning radius requirement. A forklift with a maximum turning radius of more than 90 inches will not allow the forklift to access areas of the facility that it is required to service. In addition a larger turning radius can result in the forklift backing more often to access spaces in the facility. Increased backing can result in increased accidents.
4. The Octane forklift service center is in Denver, CO. The Lift Pro Service center is in Rapid City, SD.



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