



**KENT COUNTY BOARD OF PUBLIC WORKS**

**June 6, 2019**

**8:30 AM**

**Earl G. Woodworth Building  
Meeting Room Chambers  
1500 Scribner Avenue NW  
Grand Rapids, Michigan 49504**

**MEMBERS PRESENT:** Commissioner Vonk, Brieve, Yonker, Janes, Skaggs, Bulkowski, Antor

**MEMBERS ABSENT:**

**OTHERS PRESENT:** Darwin Baas, Director; Kimberly Williams, Finance Division Director; Alisha Barber, Office Administrator; Paul Smith, WTE Operations Manager; Nic VanderVinne, Resource Recovery and Recycling Manager; Katelyn Nettler, Resource Recovery Specialist; Isaac Thaler, Resource Recovery Specialist; Molly Sherwood, Environmental Compliance Manager; Dan Rose, Solid Waste Operations Manager; Wayne Arndt, Systems Administrator; Craig Paull, Assistant Corporate Counsel II; Calvin Brinks, Purchasing/Fleet Services Manager; Pat Greve, Waste Management; James Hurt, City of Grand Rapids

**I. Call to Order**

Chairman Vonk called the meeting to order at 8:30 a.m.

**II. Consent Agenda**

- A. Review and Approval of Minutes
- B. Approval of Monetary Outlays

**Motion**

It was moved by Commissioner Brieve and seconded by Commissioner Janes to approve the Consent Agenda.

Motion carried unanimously.

### **III. Solid Waste Operations**

#### **A. US 131/100<sup>th</sup> Street Interchange Property Sale – AR**

Director Baas discussed the US 131/100<sup>th</sup> Street Interchange Property Sale action request. The Michigan Department of Transportation (MDOT) is seeking to acquire two land areas with fee simple estate property rights for the ROW needed to rebuild the 100<sup>th</sup> Street bridge/US131 interchange. The property along 100<sup>th</sup> Street consist of two areas, 1,102 SF +/- (0.025 acres) and 1845 SF +/- (0.042 acres).

Under eminent domain, property owners are entitled to market value compensation for takings of land for public use. MDOT will estimate market value compensation and provide a good faith offer for consideration.

Staff reviewed MDOT drawings, determined the affected property will not impede DPW operations at the South Kent Landfill, and recommends the sale of the property to MDOT for the 100<sup>th</sup> Street bridge reconstruction, pending an MDOT valuation/appraisal estimate and good faith offer at fair market value.

Finalized sketches, legal descriptions and good faith offers will be reviewed by the DPW and Corporate Counsel prior to submittal to the Kent County Board of Commissioners for consideration.

The action request is for approval and recommendation to the Kent County Board of Commissioners, the sale of two right-of-way (ROW) land areas to MDOT, one west of South Kent Drive (0.025 acres) and one east of South Kent Drive (0.042 acres) along 100<sup>th</sup> Street for the ROW required to reconstruct the interchange and 100<sup>th</sup> Street Bridge over US131.

#### **Motion**

It was moved by Commissioner Janes and seconded by Commissioner Brieve to approve and recommend to the Kent County Board of Commissioners, the sale of two right-of-way (ROW) land areas, one west of South Kent Drive (0.025 acres) and one east of South Kent Drive (0.042 acres) along 100<sup>th</sup> Street to MDOT for the ROW required to reconstruct the 100<sup>th</sup> Street bridge over US131.

Motion carried unanimously.

#### **B. NKTS – Front End Loader – AR**

Director Baas reviewed the Front End Loader action request. The new JD524L loader will be placed into service at the North Kent Transfer Station and replaces the Komatsu Model WA200 with 13,500 hours. The loader is equipped with a waste handling package providing extra guarding to critical components and heavy-duty steps that are prone to damage.

The factory furnished quick coupler system used for attachment connect/disconnect multiple times throughout each day and an ongoing maintenance item, is covered under the standard and extended warranty.

Pricing for the equipment was obtained through MIDEAL 071B7700090. Kent County Purchasing policies and procedures allows use of cooperative purchase agreements competitively obtained from vendors in lieu bidding the product or service.

Staff recommends purchase of one (1) John Deere 524L with a 12-month Standard Full Machine Warranty agreement and a 7-year, 12,000-hour premier extended warranty. The Department has an approved Capital Improvement budget for the purchase of the proposed equipment. AIS Construction Equipment Corporation: John Deere 524L: \$218,884.60.

### **Motion**

It was moved by Commissioner Skaggs and supported by Commissioner Janes to award the purchase of a John Deere 524L Wheel Loader for North Kent Transfer Station to AIS Construction Equipment Corp. for the total amount of \$218,884.60 and authorize the Director to execute the associated contracts.

Motion carried unanimously.

## **IV. Resource Recovery & Recycling Operations**

### **A. REC Paper Screen Replacement – AR**

Director Baas reviewed the Paper Screen Replacement action request. The Recycling and Education Center (REC) utilizes two original paper screens that are ten years old and at the end of their service life. Refurbishment (shafts, bearings and discs) was estimated to be \$600,000 and requires an extended outage and ongoing maintenance costs of \$140,000 annually due to the cost of the discs at \$140 each.

The current paper screens use 6 discs per section at \$1000 (discs, spacers and hardware) versus the CP paper screen utilizing one larger disc at \$45 each and are configured to reduce replacement time and utilize anti-wrapping shafts that nearly eliminates daily screen cleaning. REC staff spend 5-6 hours daily, cleaning screens, using all protection and the use of cutting equipment, including utility knives, side cutters, and grinders. CP Screens have hydraulic activated, OSHA-approved access doors and eliminate the need for fall protection.

Included with the paper screens is a redesign and replacement of the problematic steel belt transfer conveyers and will eliminate pits that require a CSE permit for a safer and easier to maintain system.

Purchasing issued RFP 3541 and one bid was received from CP Group. Based on site visits to MRFs with CP paper screen, review of engineering design plans, conveyor routing, disc design, cost of maintenance, location of QC Staff, electrical, fire suppression, estop, PLC

interface, and installation down time, staff recommends the CP Group Paper Screen for the Recycling & Education Center.

**Motion**

It was moved by Commissioner Brieve and seconded by Commissioner Janes to approve the purchase and installation of two CP Group Paper Screens for the Recycling & Education Center at a cost of \$99,300.

Motion carried unanimously.

**V. Accounting & Finance**

**A. 2020 Operations Budget Presentation – AR**

Director Baas reviewed the 2020 Operations Budget Presentation. The 2020 proposed operations budget provides department totals with individuals Unit (operational area) detail. Graphs and charts are included to support budget summaries:

- Revenues are provided by revenue type including tipping fees, energy revenue, commodity sales, surcharge fees and interest earnings.
- Expenses are presented in a Unit format by operational area including South Kent Landfill, Waste-to-Energy Facility, North Kent Transfer Station, Material Recycling Facility, Administration, Resource Recovery, Household Hazardous Waste and Closed Landfills.
- Goals, objectives and measurements for each operational area are also included.
- The approved 2020 Capital Improvement Plan is provided for reference.

The 2020 budget anticipates an increased tipping fees at the Waste to Energy facility resulting from decreased Consumers Energy revenue and an increase in the Kent County Waste Surcharge due to the anticipated costs of PFAS mitigation.

**Motion**

It was moved by Brieve and seconded by Skaggs to approve the Department of Public Works 2020 Budget for submittal to County Administration.

Motion carried unanimously.

**VI. Director's Report**

Director Baas provided a brief update:

- Lighting from the storms this past weekend struck the Recycling and Education Center which tripped the surge protector. There was no damage to the building. It protected by the surge protection system we installed last year.
- Commissioner Sparks requested to tour DPW facilities to learn more about what we do. We will host a tour on Monday, July 29<sup>th</sup>.

- The Recycling and Education Center will be down on Thursday and Friday next week for replacement of the 10-year-old steel belt. We will receive deliveries as usual and start processing waste after the belt replacement has been completed.
- The Waste-to-Energy Facility had an unannounced site visit from EGLE (formerly MDEQ). Things went well, and we'll be receiving reports soon.
- DPW is working with the County Administration Department to implement recycling at the County Administration Building which will be similar to the Gerald R. Ford Airport.

**VII. Public Comment/Miscellaneous**

Commissioner Vonk discussed creating an advisory committee for the Sustainable Business Park. He had asked Commissioner Brieve and Commissioner Skaggs to join the group. Also, we'll be incorporating municipalities members too.

**VIII. Adjournment**

The meeting adjourned at 9:44 a.m.