

Missoula City Council Public Works Committee Minutes

March 9, 2022, 9:00 am
ZOOM Webinar

Members present: Stacie Anderson, Mirtha Becerra (chair), Daniel Carlino, John P. Contos, Jordan Hess, Gwen Jones, Kristen Jordan, Mike Nugent, Amber Sherrill, Sandra Vasecka, Heidi West

Members absent: Jennifer Savage

1. ADMINISTRATIVE BUSINESS

1.1 Roll Call

1.2 Approval of the Minutes

The minutes were approved as submitted.

1.2.1 Minutes from PW Committee March 2, 2022

2. PUBLIC COMMENT

3. COMMITTEE BUSINESS

3.1 Purchase of three (3) Ford Explorers for Police Department

Scot Colwell Fleet Director presenting,

The purchase of these police interceptor Ford explorers is replacing a request made to the council on February 16, 2022, for three Dodge pickup trucks. Once the council approved purchasing the Dodge pickup trucks, the manufacturer cut off ordering, so Mr. Colwell would like to replace the pickup truck purchase with these Ford Explorers. This is not an additional purchase but just replacing an order that could not be filled due to a manufacturer shortage. These Ford Explorers have a V6 engine, and Mr. Colwell explained that they test out very well in comparison to the V8 of the Dodge Charger.

Ms. Jordan asked why the City does not purchase used cars. Mr. Colwell explained that for the police fleet, this is not a good option. The police vehicles have to be police rated, and most used police vehicles have too many miles. Mr. Colwell explained that the City usually purchases new vehicles for the police fleet and then recycles the vehicles once the police are done to the rest of the City. Ms. Jordan asked why we don't purchase hybrid vehicles for the police staff. Mr. Colwell said the hybrid explorers were not popular within the department for various reasons. The police equipment has to be ordered special to allow for the police communications and wiring. Mr. Carlino would like to see the City look to move toward electric vehicles.

Moved by: Amber Sherrill

Approve the purchase of three (3) Police interceptor Explorers from Duval Ford of Jacksonville, Florida for \$48,640.08 each totaling \$145,920.24.

AYES: (10): Stacie Anderson, Mirtha Becerra, Daniel Carlino, John Contos, Jordan Hess, Gwen Jones, Kristen Jordan, Mike Nugent, Amber Sherrill, and Sandra Vasecka

ABSENT: (2): Jennifer Savage, and Heidi West

Vote results: Approved (10 to 0)

3.2 Award Street Maintenance and Construction Material Contracts for 2022

Brian Hensel Deputy Director of Public Works for Streets,

This is the annual referral for the purchasing of construction materials. The majority of these are local vendors, with the exception of one Idaho company for the chip seal oil. These materials are used for construction, such as paving and chip seal and sanding material for winter. The material did increase this year, and the low bidder was selected for all the materials.

Ms. Jordan asked about the department's approach to selecting greener materials. Mr. Hensel said the types of material he uses depending on what is available in the area and budget restrictions. For example, if he orders environmental asphalt, he would have to go out of state, and the costs would increase. Mr. Hensel did add that he is using recycled chips this year from last year. The asphalt millings that go into the ally are also recycled from the used pavement in the streets. Ms. Jordan said she would like to discuss trying to use greener materials even if they cost more.

Moved by: Sandra Vasecka

I move the City Council awards the bids for Street Division construction and maintenance materials as follows and authorizes the Mayor to sign purchase agreements with the lowest bidders: 1. Award the bid for 500 tons of emulsified asphalt CRS-2P polymer modified to Idaho Asphalt Supply Inc. of Hauser, ID, at \$605.00/ton for a total of \$302,500.00 and authorize the return of bid bonds. 2. Award the bid for 2,000 tons of hot mix asphalt (grade "B") to Knife River of Missoula, MT, at \$54.18/ton for a total of \$108,360.00 and authorize the return of bid bonds. 3. Award the bid for 1,000 tons 3/8" seal coat aggregate to Western Excavating of Missoula, MT, at \$31.00/ton for a total of \$31,000.00 and authorize the return of bid bonds. 4. Award the bid for 3,000 tons of hot mix asphalt (driveway grade 3/8") to Knife River of Missoula, MT, at \$57.18/ton for a total of \$171,540.00 and authorize the return of bid bonds. 5. Award the bid for 500 tons of hot mix asphalt (grade "D") to Knife River of Missoula, MT, at \$54.18/ton for a total of \$27,090.00 and authorize the return of bid bonds. 6. Award the bid for 1,500 tons of drain aggregate (sump rock) to Western Excavating of Missoula, MT, at \$30.00/ton for a total of \$45,000.00 and authorize the return of bid bonds. 7. Award the bid for 5,000 tons of 1/2" winter traction aggregate to Knife River of Missoula, MT, at \$17.00/ton for a total of \$85,000.00 and authorize the return of bid bonds.

AYES: (11): Stacie Anderson, Mirtha Becerra, Daniel Carlino, John Contos, Jordan Hess, Gwen Jones, Kristen Jordan, Mike Nugent, Amber Sherrill, Sandra Vasecka, and Heidi West

ABSENT: (1): Jennifer Savage

Vote results: Approved (11 to 0)

3.3 Referral – Informational Resource Recovery Presentation

Gene Connell Resource Recovery Superintendent,

The Wastewater Division comprises the Collection System and Resource Recovery Facility and has 35 employees.

The Collection System is the infrastructure that conveys Missoula's wastewater to the Resource Recovery Facility. The City has 377 miles of sewer line, 31 pump stations, and 1,800 STEP systems. The sewer lines are maintained using high-pressure jetting and video inspection. The older clay tile pipes are cleaned every year, and the PVC pipes are cleaned every other year. The collection system has less than one back-up a year, which is the lowest in the State.

The Resource Recovery Facility is made up of wastewater treatment, Garden City Compost, and the Poplar Farm. The Wastewater Treatment Facility treats about 7.5 million gallons a day; of that, almost every gallon goes back into the Clark Fork River as treated wastewater. The volume removed is minimal but essential to the river. The methane gas is recovered and used for general electricity. The organic material is used to make compost. In the summertime, the treated water irritates the poplars, reducing the impact on the river.

The Primary Treatment removes about half of the organic material, and this was started in 1962. This is a simple sedimentary process and separates solids. The clarified water goes to secondary treatment, and the solids go to anaerobic digestion. The secondary treatment uses bioreactors and secondary clarification, then to a UV disinfection, and lastly headed to the river. The anaerobic digestion takes the sludge and ferments it by breaking it down into smaller fatty acids, then to another digester, dewatering system, and then to the compost. The compost is used by land reclamation projects, landscapers, and citizens. The Poplar Farm was planted in 2014 and was intended to grow for sawlogs. In 2018 the City realized through a group of MBA U of M graduates that the market for the logs no longer existed within a reasonable distance of Missoula. In the 2021 season, 588 pounds of phosphorus and 11,322 pounds of nitrogen were diverted from the Clark Fork River to the trees. Some other options for the poplar plant that are being considered are short rotation coppicing, alfalfa, Christmas trees, and sod.

Missoula continues to have the lowest wastewater utility rates in the State. In closing, The Resource Recovery Facility provides advanced wastewater treatment, onsite renewable energy production, onsite biosolids composting, and onsite nutrient recovery to poplar trees, all for the lowest wastewater utility rates in the State.

No Recommended Motion—Informational Only

4. ADJOURNMENT