



2026.07

Optical Sorter

Issue Date: 10/26/2026

Response Deadline: 11/6/2026 09:00 AM (CT)

City of Conway

Contact Information

Contact: Tiffany Maddox

Address: Procurement

AR

Email: tiffany.maddox@conwayarkansas.gov

Event Information

Number: 2026.07
Title: Optical Sorter
Type: Invitation to Bid
Issue Date: 10/26/2026
Response Deadline: 11/6/2026 09:00 AM (CT)
Notes: The purpose of this project is to obtain pricing and a contract from qualified manufacturers and/or authorized integrators for the design, manufacture, delivery, installation, start-up, and commissioning of a near-infrared (NIR) hyper-spectral imaging (HSI) optical sorting system and a sixty (60) inch acceleration conveyor to replace an existing National Recovery Technologies (NRT) optical sorter at the City's materials recovery facility (MRF).

Bid Activities

Site Visits November 2 - 5, 2026

11/2/2026

Prospective Contractors are encouraged to schedule a site visit to examine the existing equipment, facility conditions, and installation requirements associated with the replacement of the optical sorter and acceleration conveyor.

Site visits will be available **November 2, 2026, through November 5, 2026**, by appointment only.

Location:

City of Conway Department of Sanitation
Materials Recovery Facility (MRF)
4550 US-64
Conway, AR 72034

Site Visit Contact:

Adam Robinson
Conway Department of Sanitation

Phone/Email:

Joe Hopper

501.505.5620

joe.hopper@conwayarkansas.gov

Adam Robinson

501.505.5626 (x3204)

adam.robinson@conwayarkansas.gov

Prospective Contractors should contact Joe Hopper or Adam Robinson to schedule a date and time within the designated site visit period.

Contact with Joe Hopper or Adam Robinson is authorized solely for scheduling and conducting the site visit. All other communication concerning the Solicitation shall be directed through the City Procurement Department.

The site visit will provide Prospective Contractors an opportunity to examine existing conditions relevant to the proposed equipment and installation, including:

1. Existing equipment layout, available dimensions, clearances, footprint, and access or rigging limitations.

2. Compatibility of the proposed optical sorter and acceleration conveyor with the existing processing line, including available space and equipment connections.
3. Existing compressed-air supply, including available pressure, volume, air quality, and connection requirements.
4. Existing electrical supply, including voltage, phase, amperage, available capacity, and connection locations.
5. Existing structural supports and other facility conditions affecting equipment installation and integration.

Prospective Contractors shall be responsible for determining whether their proposed equipment is compatible with the existing facility conditions. Any equipment, connections, or modifications necessary to accommodate the proposed system shall be identified and included in the bid, except for work expressly identified as the City's responsibility in this Solicitation.

Statements made during a site visit shall not modify the Solicitation. Only written addenda issued by the City through AR Bid shall modify the Solicitation.

Prospective Contractors shall be responsible for all expenses associated with attending a site visit. Failure to attend a site visit shall not, by itself, result in rejection of a bid.

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Bid Attachments

2026.07 Optical Sorter.pdf

[Download](#)

2026.07 Optical Sorter

Requested Attachments

Proposed Equipment Technical Documentation

(Attachment required)

Please upload your proposed equipment and technical documentation here. Include manufacturer specifications, equipment descriptions, dimensions, technical compliance information, and the proposed door dust-sealing method.

Project Schedule and Installation/Outage Plan

(Attachment required)

Please upload your proposed Project Schedule and Installation/Outage Plan here. Include engineering, fabrication, shipping, installation, commissioning, and anticipated equipment shutdown duration.

Performance Guarantees and Testing Information

(Attachment required)

Please upload your proposed Performance Guarantees and Testing Information here. Include any recovery/purity guarantees offered, proposed test protocols, and remedies if guarantees are not met.

Bid Lines

1 Package Header

BASE BID – COMPLETE OPTICAL SORTER SYSTEM

Total: \$

Item Notes: One complete turnkey optical sorter and acceleration conveyor retrofit.

Supplier Notes: _____

- ☐ No bid
- ☐ Additional notes
(Attach separate sheet)

Package Items

1.1 Optical Sorter – 60-Inch NIR HSI Dual-Eject Unit, Complete

(Response required)

Lump Sum: \$ Total: \$

Manufacturer:
(Required)

☐ Additional notes
(Attach separate sheet)

Manufacturer #:
(Required)

Item Notes: SpydIR-60HS Dual Eject or approved equal; includes dust-sealed access doors.

Supplier Notes:

1.2 Acceleration Conveyor – 60-Inch x 20-Foot Slider Bed with VFD

(Response required)

Lump Sum: \$ Total: \$

Manufacturer:
(Required)

☐ Additional notes
(Attach separate sheet)

Manufacturer #:
(Required)

Item Notes: ACL-60 or approved equal.

Supplier Notes:

1.3 Structure / Support Steel for Existing Line Retrofit

(Response required)

Lump Sum: \$ Total: \$

Supplier Notes:

☐ Additional notes
(Attach separate sheet)

1.4 Controls and Plant Integration

(Response required)

Lump Sum: \$ Total: \$

Supplier Notes:

☐ Additional notes
(Attach separate sheet)

1.5 Project Engineering, Drawings, Startup, and Commissioning

(Response required)

Lump Sum: \$ Total: \$

Supplier Notes:

☐ Additional notes
(Attach separate sheet)

1.6 Mechanical and Electrical Installation

(Response required)

Lump Sum: \$ Total: \$

Item Notes: City provides air and electrical drops.

Supplier Notes:

☐ Additional notes
(Attach separate sheet)

1.7 Shipping and Handling to Conway, Arkansas
(Response required)

Lump Sum: \$ Total: \$

Supplier Notes: _____

☐ Additional notes
(Attach separate sheet)

1.8 Removal of Existing NRT Optical Sorter
(Response required)

Lump Sum: \$ Total: \$

Supplier Notes: _____

☐ Additional notes
(Attach separate sheet)

Supplier Information

Company Name: _____

Contact Name: _____

Address: _____

Phone: _____

Fax: _____

Email: _____

Supplier Notes

By submitting your response, you certify that you are authorized to represent and bind your company.

Print Name

Signature