



RAMSEY/WASHINGTON  
RECYCLING & ENERGY

# Engineering Services RFP Pre-Proposal Conference

October 6, 2021

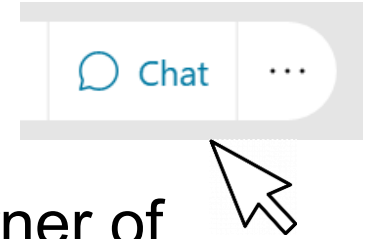
Proposal Due Date: October 26, 2021

***Participants: please keep microphones muted***

# Welcome

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- **Please keep your mic muted at all times**
- Questions?
  - **Ask today:** Use the “Chat” feature in WebEx (lower right corner of your screen) to type in your question
    - Note: Oral statements (including during this pre-proposal conference) shall not be relied upon to be terms of the RFP documents. All modifications to RFP documents shall be in writing.
  - **Ask after the meeting:** email [jredmond@recyclingandenergy.org](mailto:jredmond@recyclingandenergy.org)



# Presentation Outline

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- Overview of Ramsey/Washington Recycling & Energy
- Overview of engineering services scope of work
- RFP process and information
- Q&A after presentation



# Ramsey & Washington Counties, MN

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- Two counties in the eastern part of the seven-county Minneapolis-St. Paul metropolitan area
- Population of around 820,000
  - 14% of the population of Minnesota
- Consists of urban, suburban and rural areas
- Racially diverse, many languages spoken
- In Minnesota, counties are the unit of government responsible for the management of solid waste and implementing programs (recycling, composting, hazardous waste disposal, etc.)



# Recycling & Energy Board

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- Joint powers board
- Five Ramsey County and four Washington County commissioners
- Own and operate a waste processing facility in Newport, MN, the Recycling & Energy Center (R&E Center)
- Board projects are completed by R&E staff, working closely with staff from each county's public health department



# The R&E Center

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- Purchased by the counties in 2015
- Receives all of the two counties' residential and commercial MSW
- Produces refuse-derived fuel (RDF) used by Xcel Energy to generate electricity
- Annually, the R&E Center:
  - Manages about 450,000 tons of MSW
  - Recovers ~14,000 tons of metals from the trash
- For several years, R&E has studied how to invest in enhancing this facility to capture more value from waste and reach MN's 75% recycling goal



# Vision

Vibrant, healthy communities without waste

# Mission

Enhancing public health and the environment by creating value from waste through partnerships



# R&E Guiding Principles

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1. Plan for a 20- to 30-year horizon
2. Build on the current system and allow changes in processing to emerge over time
3. Assure flexibility
4. Manage risks
5. Pivot the view from “waste” to “resources” to add value to the local economy and the environment





# Engineering Work at R&E

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- In the transition from private to public ownership of the R&E Center, consultant engineering services were key
- Today, R&E relies on outside engineering support to address a wide variety of needs:
  - Equipment and operations issues
  - Business elements
  - Policy development and planning
  - Procurement
  - Construction monitoring



# Summary

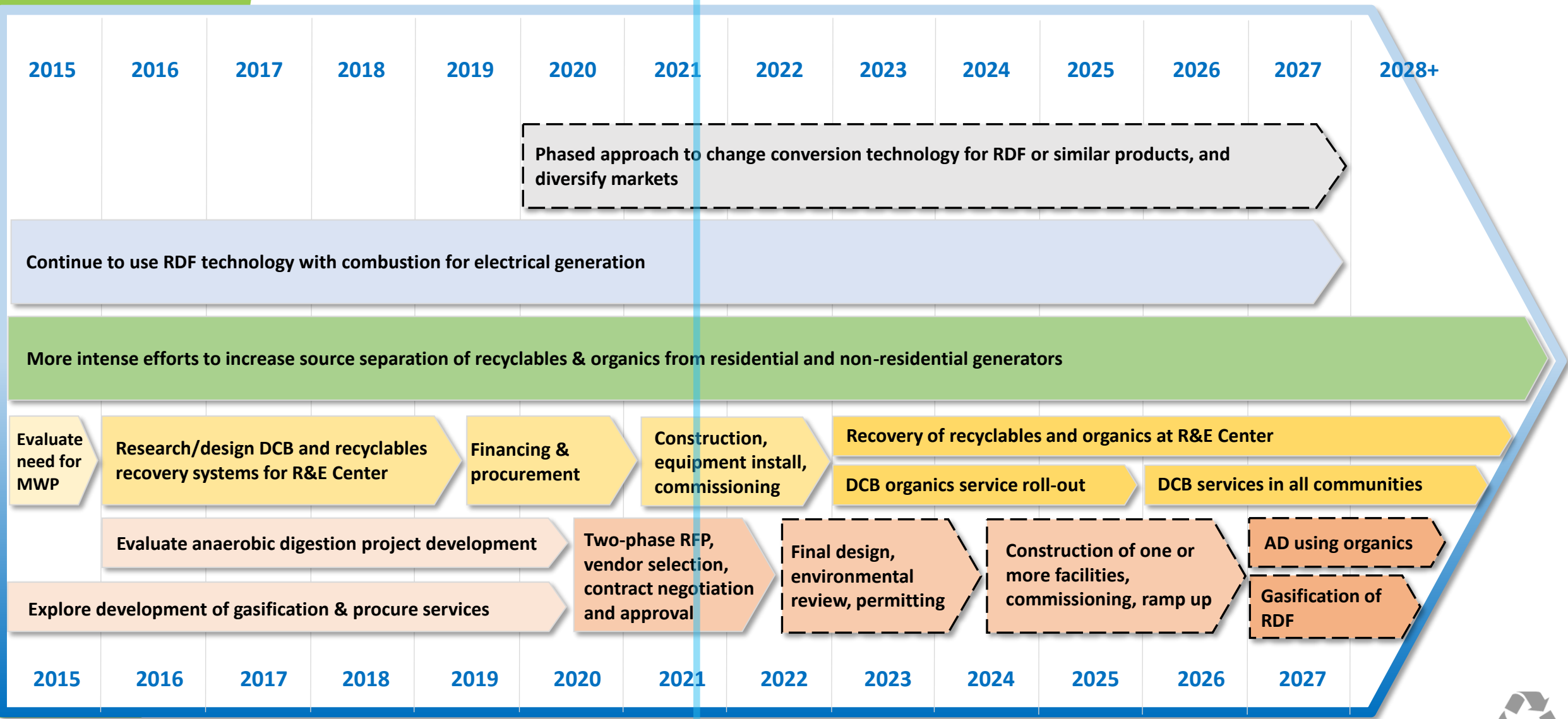
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Engineering services broken down into **two categories**:

- General engineering services: programs and strategic initiatives
- Engineering services specific to the R&E Center
  
- Respondents may return a proposal for one or both areas
  - Team responses are also allowed
  - R&E may award one contract or two



# Revised Scope for Resource Management Looking ahead at the next ten years

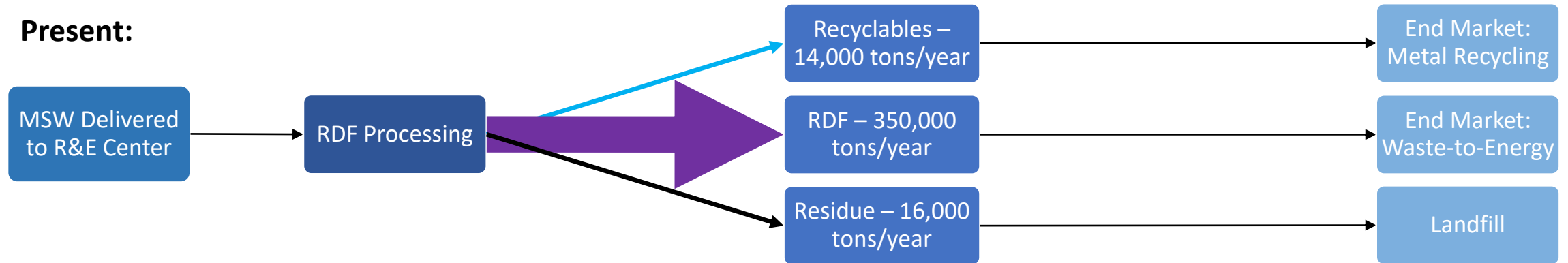


Note: Steps with dashed outlines represent uncertainty in timing and the need for the previous step to be successful.

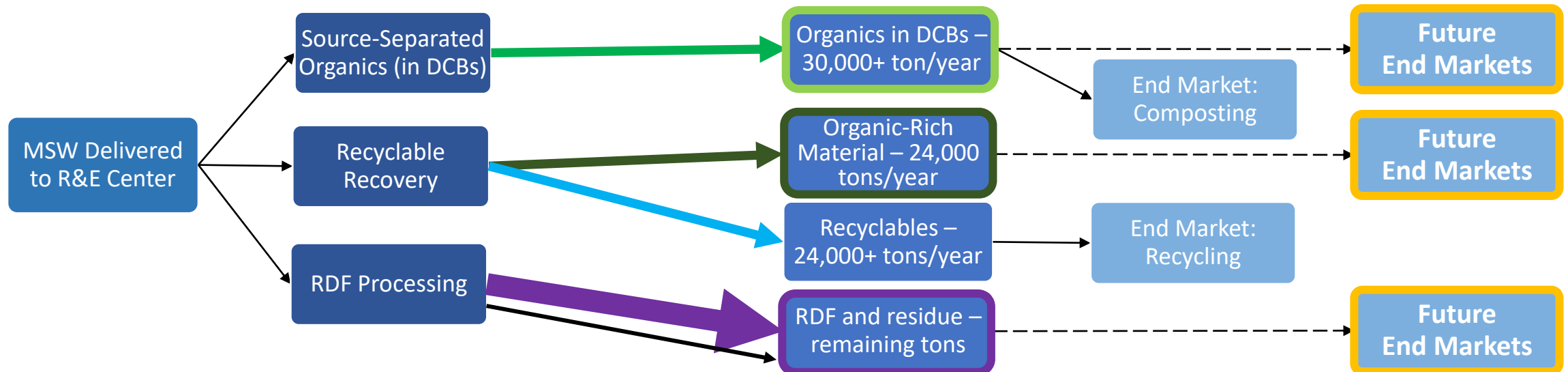


# R&E Center Byproducts → Feedstocks for End Markets

## Present:



## Future:



# Scope – Programs & Strategic Initiatives

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- Solid waste management research and evaluation
- Enhancements projects
- Joint Activities assistance
- Future technology
  - Identifying new technologies
  - Analysis, evaluation and knowledge-building for technologies to process R&E streams (AD, gasification, pyrolysis, advanced recycling, etc.)
- Policy and planning
  - Solid waste management master plans (est. 2023)
  - Policy development in connection with industry associations and groups



# Scope of Work – R&E Center

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- Market Analysis for R&E Products
- Waste Delivery Reporting & Compliance
- Odor Monitoring
- Operational Assistance
  - Permitting
  - Data Management
- Procurement Assistance
- Processing Enhancements & Construction Assistance/Oversight



# RFP Evaluation

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- All required items must be included in the response (See 2.2 Instructions to Proposers – Page 8 – Table 05 – Proposal Checklist)
- Proposers will be ranked based on responses
- Evaluation considerations will include qualifications, demonstrated understanding and approach, cost, references, and any additional relevant information
- Selected proposers may be chosen for interviews



# Overall Timeline

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**Q&A Addendum  
Published**

Oct. 15, 2021

**Proposal  
Deadline**

Oct. 26, 2021

**Vendor  
Selection**

Anticipated  
Dec. 9, 2021

**Contract  
Execution and  
Start Work**

Anticipated  
Jan. 1, 2022

**Contract Term**

3 years with option  
of two 1-year  
renewals





# RFP Point of Contact & Addendum

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Section 1.10 of RFP – page 6 – Table 02 – Point of Contact

All inquiries shall be submitted to Jim Redmond at  
[jredmond@recyclingandenergy.org](mailto:jredmond@recyclingandenergy.org)

Due date for proposer questions: October 11

All addenda will be published on the R&E website at  
[www.recyclingandenergy.org/vendors](http://www.recyclingandenergy.org/vendors)



# Proposal Checklist

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## Section 2.2 of RFP – Table 05 – Proposal Checklist

- Signed cover letter (Section 2.3)
- Completed proposal response form (Section 2.4; Attachment 1)
- Completed information and reference form (Section 2.5; Attachment 2)
- Firm introduction, qualifications/experience, key personnel (Sections 2.6-2.7)
- Work plan for scope of services (Section 2.8; Section 4.0)
- Description of cost/budget (Section 2.9)
- Exceptions to terms & conditions (Section 2.10)
- Application for designation of trade secret information (Attachment 3; Section 2.11)



# Next Steps

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Notify Jim Redmond via email ([Jredmond@recyclingandenergy.org](mailto:Jredmond@recyclingandenergy.org)) if you wish to be added to the email distribution list about this RFP

## Next Steps

- Questions may be emailed to [jredmond@recyclingandenergy.org](mailto:jredmond@recyclingandenergy.org)
- All clarifications and RFP revisions will be documented in an addendum and published to R&E's website [www.recyclingandenergy.org/vendors](http://www.recyclingandenergy.org/vendors)
  - Questions received after Oct. 11 may not be answered

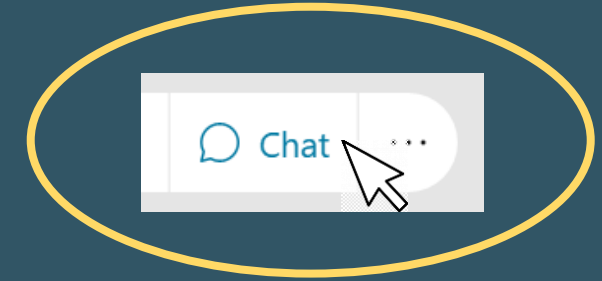
## Proposals due Tuesday, October 26, 2021

- Proposal mailing address – Section 2.2 of RFP – page 7 – Table 04





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# Question & Answer

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