

Monsey 2.0 Non-Wires Alternative Pre-Bid Webinar

July 25, 2022

Agenda

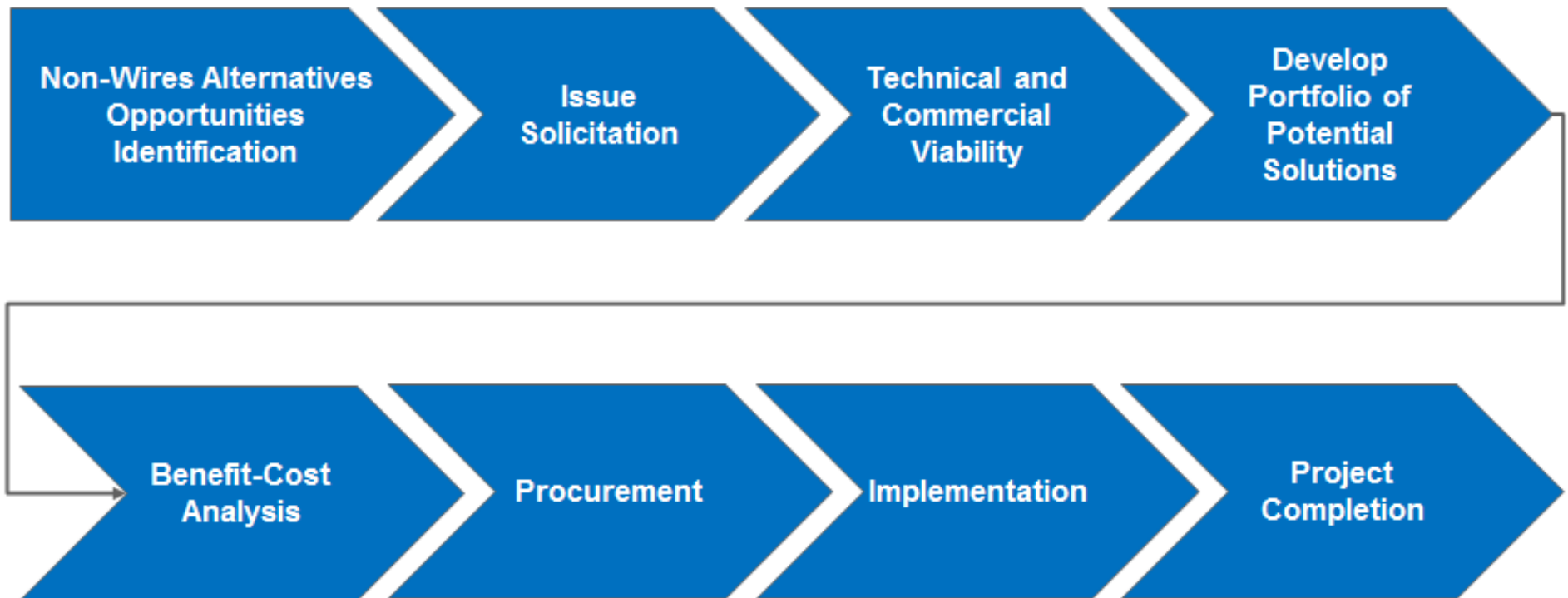
- Purpose
- O&R Non-Wires Alternatives Process
- Monsey Non-Wires Alternative Overview
- Description of Need
- Potential Solutions
- Information to Include in Bid
- Evaluation Criteria
- Proposal Response and Submittal Process
- RFP Schedule
- Clarification Questions

Purpose

- Through this webinar, O&R intends to:
 - Describe the O&R Non-Wires Alternatives process
 - Provide an overview of the Monsey Non-Wires Alternatives RFP
 - Discuss the evaluation criteria and process
 - Review next steps
- This webinar is not intended to:
 - Discuss potential solutions in detail
 - Discuss pricing or monetary elements
- Please submit any questions regarding this NWA to:
 - **dl-ORUDERIntegrationRFP@coned.com**

O&R Non-Wires Alternatives Process

- The process shown below is an example of the high-level steps that occur during the non-wires alternatives process, which includes the evaluation, procurement, and implementation of potential solutions.



Monsey Project Overview

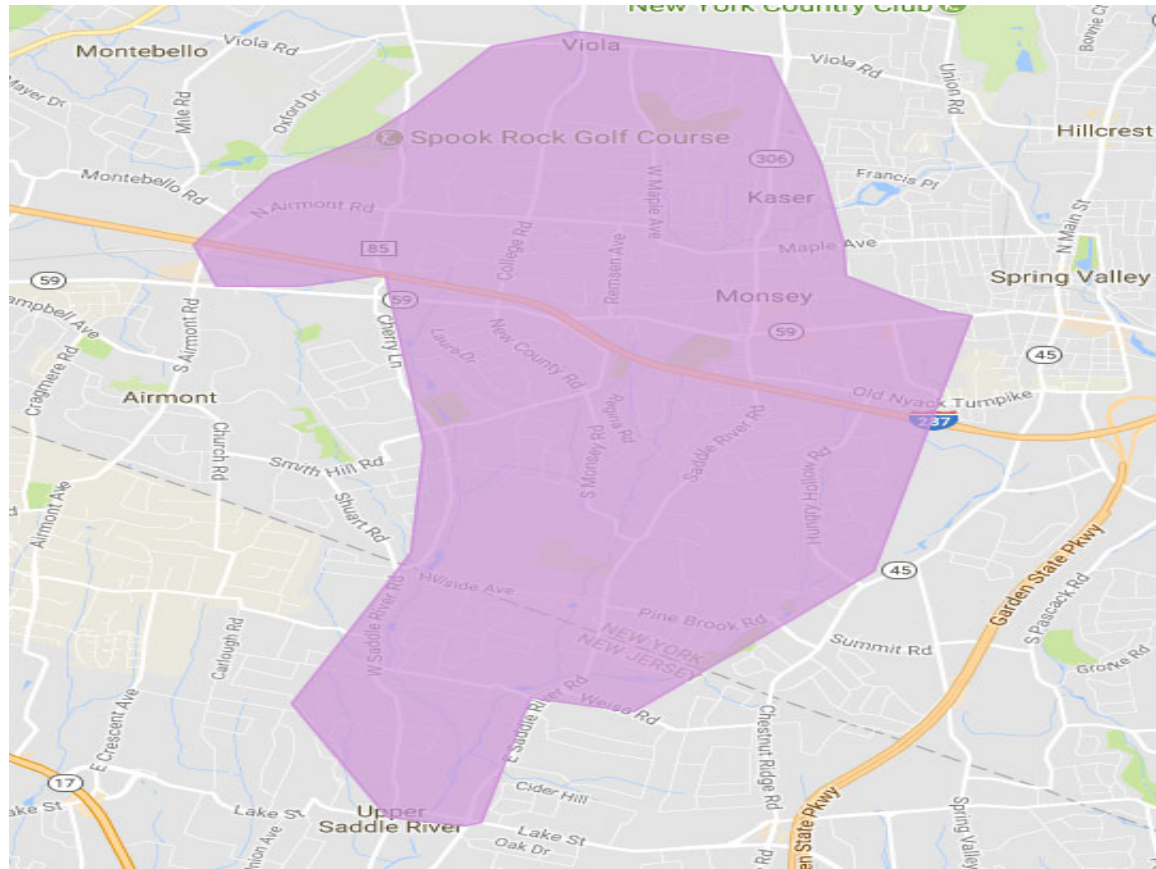
The Objective

- O&R proposes to implement the Monsey non-wires alternative project to **defer a capital infrastructure** investment to meet short-term and long-term energy needs.

The Need

- The scope of the Monsey non-wires alternative is to provide 15 MW / 60 MWh of capacity for the overall Monsey Substation to:
 1. To provide relief for Bank 244
 2. For single distribution circuit reduction of peak electric load on circuits 44-5-13, 44-3-13, and 44-4-13 and associated distribution circuit ties (also listed in prioritized order).
 3. For bank contingency purposes, reduce peak electric load within the area served by the Monsey Substation and Banks 144 and 244;

Proposed Development Area



- The non-wires alternative solution should be located along the three circuit routes; 44-5, 44-4, and 44-3, generally around the shaded area in this picture.

Description of Need

Loss of Bank 244 (44-5 and 44-4 circuits)											
Year	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Total MW Reduction	3.54	4.59	5.71	6.91	8.2	9.58	10.25	10.96	11.73	12.55	13.42
Total Hours Needed*	4	4	4	4	4	4	4	4	4	4	4

44-5 and 44-4 systems discharge hours could be between 11AM and 10PM

Loss of 44-3-13											
Year	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Total MW Reduction	0.68	0.91	1.17	1.44	1.74	2.06	2.3	2.6	2.9	3.2	3.4
Hours of need based on load profile	2p.m. to 5p.m.	1p.m. to 5p.m.	1p.m. to 6p.m.	1p.m. to 6p.m.	12p.m. to 7p.m.	12p.m. to 7p.m.	12p.m. to 7p.m.	12p.m. to 7p.m.	12p.m. to 7p.m.	12p.m. to 7p.m.	12p.m. to 7p.m.

Potential Solutions

- The RFP seeks an **alternative solution** which will solve a **contingency need**, in an area where a capital investment is needed to improve system **reliability** and **resiliency**.
- Alternatives may include the following DER: (a) Energy efficiency (“**EE**”), (b) Demand response (“**DR**”), (c) clean (i.e., gas fired and/or solar) distributed generation (“**DG**”), (d) energy storage (“**ES**”), and/or (e) **any combination** which may allow the Company to meet the stated need.
- The company will **leverage its existing EE and DR programs** to lower the amount of DER that needs to be procured.
 - The company may entertain proposed EE and DR solutions that have the potential to enhance its existing programs.

Respondents are encouraged to submit innovative, creative proposals for marketing, sales, financing, implementation, maintenance, contracting and pricing structures, and funding sources which will solve the contingency need, and maximize value to O&R’s customers

Information to Include in Bids

- Responses should include:
 - **Methods and procedures** required to comply with technical, safety, and operational requirements for the interconnection and operation of equipment with O&R's electric delivery system.
 - For proposed renewable generation, verification that stated **demand reduction coincides with the Company's peak loading period.**
 - For demand reduction services, assurances that the **committed amount of measures will be installed**, and that the **committed in-service date for each measure will be met.**
 - **Data and methodologies** used to estimate demand reduction, annual kWh savings attributable to each measure/solution proposed, and methods/proposals to confirm measurement and verification of delivered demand reductions.
 - Proposals which require deployment on **utility property or ownership models** involving utility ownership, or operation and maintenance, or both, by the Company.
 - **Information which affect the community** (both positively and negatively) including, but not limited to, associated greenhouse gas ("GHG") emissions, waste streams and management, job creation potential and community disruption.

Evaluation Criteria

- Evaluation criteria will include but not be limited to:
 - Proposal content
 - Viability
 - Technology
 - Functionality
 - Environmental and community impacts
 - Unit Cost
 - BCA
 - Timeliness

Evaluation Criteria

- Evaluation criteria will include but not be limited to:

- Price

DER solution	Size	Material Cost	Labor Cost	Admin Cost	Total O&R cost	Total Cost of the Project
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- Reliability
- Respondent Qualifications
- Applicability to REV
- Feasibility
- Community impact

Proposal Response and Submittal Process

- The following process should be used to submit proposals:
 - All proposals must be submitted through the Oracle RFQ System on or prior to the due date and time. Respondents who fail to submit by the due date and time will be unable to submit their proposals. Respondents are encouraged to upload their proposals well in advance of the closing time to avoid any potential issues.
 - Respondents must take the following actions to ensure acceptance of a proposal submission:
 - Download the Monsey RFP, Non-Wires Alternative Questionnaire (Attachment A), and Supplier Enablement Template.
 - Become enabled in the Oracle RFQ System by submitting the below items to the specified contact: Lauren Armely at armelyl@coned.com:
 - W-9 form (version last updated); and
 - Supplier Enablement Template (Select 'Sourcing' under Oracle responsibility field).
 - Receive Formal RFQ response request (this will be same information downloaded from non-wires alternative website).
 - Submit response and fully completed questionnaire into the Oracle RFQ System.

RFP Schedule

RFP Solicitation Milestones	Completion Date*
RFP Issued	July 1, 2022
Pre-bid conference call (see details below)	July 25, 2022
Deadline to submit clarification Questions	July 29, 2022
Responses to Clarification Questions Due	August 5, 2022
Deadline to become enabled in O&R/Con Edison Procurement System	August 12, 2022
Qualified Respondents Proposals Due	August 26, 2022

- Technical questions can be submitted to: **dl-ORUDERIntegrationRFP@coned.com**
- Procurement related questions can be submitted to Lauren Armely at **armelyl@coned.com**

Clarification Questions

- The deadline for submitting clarification questions is 5:00 PM ET on Monday, July 29 2022
 - O&R will have no obligation to evaluate late submissions, nor be responsible in any way for any consequences associated with late submissions.
- All questions and answers deemed essential for the viable submission of a bid response will be publicly posted on Friday, August 5th at <https://www.oru.com/en/business-partners/business-opportunities/non-wires-alternatives>.
 - Unless the questions are labeled confidential by developers
- Respondent's identities will be kept confidential.
- Let us know if you're interested in bidding by August 12th.
 - At this point, Procurement will enable your company to bid within Oracle

Thank you