

**Central Oregon Biomass Cluster Development Project**  
**Regional Biomass Supply Assessment Request for Quotes**

RFQ Released: December 11 2015  
Notice of Intent Due: December 18 2015  
Response Due: January 8 2016

**1. Project Overview**

This biomass supply assessment is being conducted for the Central Oregon Biomass Cluster Development Project, a project funded by the USFS Wood Innovation Funding Opportunity grant program.

The goal of the Cluster Development project is to improve the market-based utilization of woody biomass material in Central Oregon from federal and other land ownerships by a) developing a regional strategic plan that establishes baseline conditions and barriers to market development and a series of implementation strategies to overcome the barriers; b) supporting project development and implementation strategies; and c) working with statewide partners to share best practices, bring in outside technical assistance as necessary, and promote Central Oregon as a biomass utilization hub.

This bid proposal document is focused on the following component of the overall project:

Biomass Supply Assessment and Characterization. It has been over ten years since the last comprehensive effort to assess the volume, characteristics, sources, and costs of current biomass supplies in Central Oregon (TSS Consultants, 2002). Without this information, it is impossible to identify the full potential for biomass utilization in the region, nor to identify the appropriate technologies, markets, and scale.

The biomass assessment will be overseen by COIC in partnership with a regional public-private team. The team is charged with developing a shared regional strategy to bring the technical, political, financial, and marketing and outreach support needed to achieve a groundswell of successful local biomass utilization projects.

**2. Biomass Assessment**

The biomass supply assessment will provide a broad overview of biomass sources in Central Oregon to support the development or expansion of target markets. Target markets include:

- biomass heat (industrial and space heat or biomass heat products such as pellets, bricks, firewood, etc.),
- biomass electrical power, focusing on combined heat and power systems or other smaller-scale applications;
- specialty biochemicals that can be used as substitutes for petrochemicals; and

- biofuels.

The scale and detail of the assessment will be sufficient to answer the following questions:

- What are the various sources of woody biomass, including public and private forest lands, post-municipal (landfill) material, post-industrial (e.g. wood products manufacturing), rangeland restoration (e.g. juniper removal), and any other sources?
- What are the generalized characteristics of the biomass from these sources, including average annual volume, size, quality, moisture content, etc.?
- What is the generalized average cost/ton (or other useful measure) of woody biomass in the Central Oregon market, by source and type?
- What barriers are there to increasing biomass supply availability in Central Oregon, including:
  - Technological barriers to harvest/bundle and transport
  - Contracting and administrative barriers
  - Etc.

(This component will benefit from significant assistance from the Steering Committee)

- What non-woody biomass is available in Central Oregon that could be used in tandem with woody biomass to meet the needs of target markets? For example, spent brewery grains can be used as feedstock for biochemical production in conjunction with woody biomass.

The purpose of the assessment is not to develop project-ready information for business development, but rather to provide a broad understanding of biomass sources, characteristics, and costs in Central Oregon in order to provide a sound leaping-off point for identification of promising markets, technologies, and biomass business development in Central Oregon.

### 3. Submission Guidelines and Calendar

Friday, December 11, 2015	COIC releases bid document.
5:00pm December 18 2015	Firms provide an emailed notice of intent to submit a bid.
5:00pm January 8 2016	<p>Bid submission due:</p> <ul style="list-style-type: none"> <li>• A proposed statement of work, including project management approach, data gathering process, schedule of interim and final reports, and approach to communication and coordination with COIC and the regional strategy team (up to 5 pages).</li> <li>• Proposed project budget including hourly rates for all team members (one page).</li> <li>• Statement of firm and team qualifications to conduct the assessment (no page limit).</li> </ul>

Bids should be submitted via email to Laura Skundrick, COIC: [lskundrick@coic.org](mailto:lskundrick@coic.org)

Questions about this bid process may be submitted via email to Kiley Rucker-Clamons, COIC at [krucker-clamons@coic.org](mailto:krucker-clamons@coic.org). All questions and answers will be shared with identified proposing firms.