REQUEST FOR PROPOSAL
National Stone, Sand & Gravel Association
NSSGA Environmental Product Declaration Software Tool

The National Stone, Sand & Gravel Association (NSSGA) seeks proposals for the creation of an enterprise software tool to generate Life Cycle Assessments (LCA) and Environmental Product Declarations (EPD) conforming with Product Category Rules (PCR) for construction aggregates published by ASTM International. Additional needs beyond creation of the software tool include assistance to members in using the tool to generate LCA and EPD, and updates to the tool for conformance with potential changes to PCR as renewals occur. It is the intent of NSSGA for the developer of the tool to then own the tool and provide a service to member companies in the generation of LCA and EPD.

ABOUT NSSGA

NSSGA is the leading voice and advocate for the aggregates industry, with member companies representing more than 90 percent of the crushed stone and 70 percent of the sand and gravel consumed annually in the United States. Our members are responsible for the essential raw materials found in every home, building, road, bridge, and public works project, employing over 100,000 working men and women.

SCOPE OF WORK SOUGHT IN THIS REQUEST FOR PROPOSAL

Develop a software tool for generation of LCA and EPD that:

- Conforms with current PCR for construction aggregates published by ASTM International
- Generates LCA and EPD for individual aggregate production facilities with appropriate data input
- Is capable of generating LCA and EPD on both a plant average and product specific basis as needed
- Can be verified by qualified third parties to conform with the specified PCR
- Is adaptable to changes that may result to PCR from renewal at the end of expirations

Assist member companies in use of the software tool by:

- Providing a user-friendly experience in the LCA and EPD generation process
- Creating multi-media training tools to assist in the process
- Working with clients to guide them in generating needed production facility data on an individual case basis
- Developing LCA and EPD that can be third party verified and published (if desired) by established program operators
Additional items to be addressed:

- Fees for development of the software tool that meets the stated criteria
- Estimated timeframe for software tool development
- Needed assistance from NSSGA member companies in software tool development
- Anticipated maintenance fees for the software tool
- Anticipated fees for any needed updates of the software tool to conform with PCR renewals
- Estimated time for client generation of LCA and EPD after software tool development – plant average and product specific basis
- Proposed fee structure for client use of the developed software tool for generation of LCA and EPD - plant average and product specific basis, NSSGA member and non-member basis

**FORM OF THE PROPOSAL**

Proposals are to be submitted by November 15, 2020 and include the following sections:

1. Qualifications:
   - A brief description of the proposing firm
   - A description of firm personnel, including experience, education, and representative work in the general areas of PCR/LCA/EPD, and construction materials in particular

2. Plan Description:
   - Detailed description of plan for generating a software tool that meets the requirements outlined in the scope of work
   - Estimated timeframe for software tool development
   - Needed assistance from NSSGA member companies in software tool development
   - Detailed description of assistance to member companies in use of the developed software tool as outlined in the scope of work
   - Estimated time requirement for client generation of LCA and EPD from the developed software tool

3. Fees:
   - Fees for software tool development, maintenance and updates
   - Proposed fee structure for use of the software tool by clients as described in the scope of work
SELECTION PROCESS

NSSGA anticipates making a selection and a decision for funding by December 31, 2020.

After a review of the submissions, individuals may be asked to meet with NSSGA staff and member company representatives.

Proposals must be received by October 31, 2020. Address proposals to:

Michele Stanley  
Vice President, Government and Regulatory Affairs  
National Stone, Sand & Gravel Association  
66 Canal Center Plaza  
Suite 300  
Alexandria, VA 22314

Questions regarding this RFP or your proposal submission may be addressed to Michele Stanley at mstanley@nssga.org or 703-526-1093.