



TRANSPORTATION CABINET

Frankfort, Kentucky 40622
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Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

MEMORANDUM

TO: All Prequalified Contractors

FROM: Diana Castle Radcliffe, P. E. *DCR*
Director
Division of Construction Procurement

DATE: October 6, 2014

SUBJECT: New Prequalification Work Item
Marine Drilled Shafts

A new prequalification work item of Marine Drilled Shafts has been established. A Prime or a Subcontractor must be Pre-Qualified by the Kentucky Transportation Cabinet, Division of Construction Procurement prior to constructing marine drilled shafts.

There is a project scheduled for the December 19, 2014 bid letting which includes this item of work. "Marine Environment" construction is generally considered to be construction on floating plants, fixed plants, or vessels on the water.

Contractors wishing to add this work item will need to send a request letter providing detailed experience in drilling shafts in a marine environment. Below are the necessary minimum requirements to be prequalified in this item.

J89 - Marine Drilled Shafts

A. In order to be Prequalified a Contractor is required to meet the following requirements for project experience:

1. A minimum of 10 years experience in drilled shaft and/or heavy marine construction.
2. At least two (2) projects in the last 10 years installing drilled shafts in water 20 ft. or deeper with total drilled shaft lengths of 40 ft. or deeper in a marine environment using heavy marine equipment.
3. At least two (2) projects in the last 10 years constructing rock socket drilled shafts with rock socket diameters 5 feet or larger and at least 10 feet in length. At least one (1) of these must be a marine environment using heavy marine equipment.
4. At least one (1) project in the last 10 years constructing rock socket drilled shafts in hard bedrock with Karst type features.



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Provide date of project completion, project location and contact information for the facility owner. The project must have been completed to the facility owners' satisfaction and within the past 20 years.

Note: Some projects may be used to satisfy more than one requirement.

B. Provide documentation that current company personnel have been directly responsible for field operations of a marine drilled shaft project:

1. A minimum of 10 years experience in drilled shaft and/or heavy marine construction including at least five (5) years of supervisory experience.
2. At least two (2) projects in the last 10 years installing drilled shafts in water 20 ft. or deeper with total drilled shaft lengths of 40 ft. or deeper in a marine environment using heavy marine equipment.
3. At least two (2) projects in the last 10 years constructing rock socket drilled shafts with rock socket diameters 5 feet or larger and at least 10 feet in length. At least one (1) of these must be a marine environment using heavy marine equipment.
4. At least one (1) project in the last 10 years constructing rock socket drilled shafts in hard bedrock with Karst type features.

Some or all of the experience may be with a previous employer. If necessary, more than one drilled shaft superintendent or foreman can be used to meet the requirements if all are actively involved in the project.

C. Provide documentation of ownership or lease agreements for equipment necessary to provide the service of drilling marine shafts. I.E. Barge, Augers, Cranes. An example of typical heavy marine equipment and tooling used for marine drilled shaft construction includes:

- Barges
- Cranes
- Crane-Mounted Drill Attachments
- Pile-Top Drill Rigs
- Kelly Bars (Conventional / Circulating)
- Large Diameter Shaft Drill Fluid Circulation Equipment (Swivels/Drill Pipe/Mandrels/Weights/Bits)
- Augers (Soil/Rock/Specialty)
- Buckets (Soil/Rock/Cleanout)
- Core Breakers / Retrievers
- Casing Twisters/Spinners
- Circulating Bits (Reverse/Direct)
- Drop Chisels

A request letter, along with the proper documentation for work item(s) desired, is to be submitted to the Prequalification Section, Division of Construction Procurement.

If you have questions or need additional information, please contact the Division of Construction Procurement at (502) 564-3500.