

**CONSTRUCTION OF POWERHOUSE AND APPURTENANCES  
BIDDING DOCUMENTS No. S3 AND M3**

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**SMITHLAND AND MELDAHL HYDROELECTRIC PROJECTS  
INVITATION TO PREQUALIFY FOR  
CONSTRUCTION OF POWERHOUSE AND APPURTENANCES**

Interested contractors are hereby invited by American Municipal Power, Inc (AMP) to submit qualifications to bid on the construction of the powerhouse and its appurtenances at one or both of the following Projects, both located at existing U.S. Army Corps of Engineers locks and dams similarly named along the Ohio River:

- Smithland Hydroelectric Project, located 40 miles northeast of Paducah, KY; and
- Meldahl Hydroelectric Project, located 36 miles southeast of Cincinnati, OH.

The prequalification documents will be made available on July 15, 2010.

Each Project will divert water from the lock and dam through a powerhouse that will house three bulb-type turbine/generating units. The Smithland Project will have three 24-MW units; the Meldahl Project will have three 35-MW units. Each powerhouse contract includes, but is not limited to, the following:

- construction of the cast-in-place reinforced-concrete powerhouse;
- construction of ground improvements (Smithland only);
- construction of the approach and tailrace channels;
- construction of the landside and riverside closure structures;
- assume operation of the cofferdam and dewatering system (currently being constructed under a separate contract);
- removal of the cofferdam and dewatering system;
- installation, testing, start-up, and commissioning of Owner-furnished equipment, which includes the bulb turbine-generator units, gate equipment, powerhouse crane, main power transformers, trashrake, and log grabber;
- supply and installation of balance of plant mechanical/electrical equipment;
- construction of a takeoff structure (161-kV for Smithland; 138-kV for Meldahl) above the powerhouse (for connection to a transmission line to be constructed under a separate contract);
- construction of site facilities (warehousing, etc.);
- construction of recreation facilities; and
- miscellaneous other site work including finish grading, roads, parking areas, lighting, final restoration, etc.

The Smithland powerhouse contract is expected to run from June 2011 to October 2014. The Meldahl powerhouse contract is expected to run from June 2011 to June 2014. Bidding documents for both contracts are expected to be available in early December 2010.

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Completed prequalification questionnaires for the Project will be received by AMP, at 1111 Schrock Road, Suite 100, Columbus Ohio, 43229, USA, until 12:00 p.m. (noon), local time, on October 4, 2010. Detailed instructions are contained in the prequalification documents.

Requests for prequalification documents and all questions relating to this Invitation to Prequalify shall be forwarded to the Owner's Engineer, MWH, at:

MWH Inc.  
175 West Jackson Boulevard  
Suite 1900  
Chicago, IL 60604

Attn: David Walters  
Bid Phase Administrator

Telephone: 1-312-831-3433  
E-Mail: <mailto:david.walters@mwhglobal.com>

with a copy to:

American Municipal Power, Inc.  
1111 Schrock Road  
Columbus, Ohio 43229

Attn: Phil Meier  
Assistant Vice President – Hydro Development

E-Mail: [pmeier@amppartners.org](mailto:pmeier@amppartners.org)

Potential suppliers and subcontractors desiring to receive a list of prequalified bidders (once it is available) shall e-mail Mr. Walters with their full contact information and a brief description of the goods and services they offer.

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