

Archived: Thursday, May 31, 2012 3:40:45 PM

From: Eric M. Robeson

Sent: Tuesday, April 24, 2012 11:07:00 AM

To: Chapman, Richard G. (Rich)

Subject: RE: RFP for Engineering Services for an A&E to Develop a Specification to Furnish and Erect a Retrofit FGD System to Big Rivers' Wilson Station

Importance: Normal

1:45 CST works for me

My number is 270-844-6185

From: Chapman, Richard G. (Rich) [<mailto:chapmanrg@bv.com>]

Sent: Tuesday, April 24, 2012 11:05 AM

To: Eric M. Robeson

Subject: RFP for Engineering Services for an A&E to Develop a Specification to Furnish and Erect a Retrofit FGD System to Big Rivers' Wilson Station

Eric,

You suggested a conference call today after we reviewed the material below. Would 1:45 pm work on your end? In addition to me, we would probably have Dave Harris, AQC Technology Manager, and Diane Fischer, AQC Services, on the call.

Regards,

Rich Chapman

RICH CHAPMAN, P.E.* | Vice President – Director of Technologies, Energy

Black & Veatch Corporation | 11401 Lamar Avenue, Overland Park, KS 66211-1508

+1 913-458-2664 p | +1 913-458-2029 f | Chapmanrg@bv.com

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From: Rob Toerne [<mailto:rob.toerne@bigrivers.com>]

Sent: Monday, April 23, 2012 4:32 PM

To: Chapman, Richard G. (Rich)

Cc: Eric M. Robeson

Subject: RFP for Engineering Services for an A&E to Develop a Specification to Furnish and Erect a Retrofit FGD System to Big Rivers' Wilson Station

Rick,

Eric Robeson has asked that I send you a Request for Proposal concerning our Wilson Station FGD retrofit project. This RFP is to solicit Engineering Services to develop a specification for the purpose of furnishing and erecting a retrofit FGD system to Wilson Station.

Wilson Station

Big Rivers' Wilson Station is a single unit, four hundred forty-megawatt (440 MW), coal fired electrical power plant burning Illinois Basin coal. The boiler steam flow is rated at 3,484,222 pounds per hour. The current FGD system is of a horizontal flow design supplied by M.W. Kellog. The de-watering / solid waste handling facility was supplied by Conversions Systems Inc. Crushed and slaked limestone is the design reagent.

The station is located approximately twenty miles south of Owensboro in western Ohio County at 5663 State Route 85W, Centertown, KY 42328.

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Background

Big Rivers recently submitted an Environmental Compliance Plan to the Kentucky Public Service Commission for review and approval. The highlights of this filing include:

Replacement of the Wilson FGD system

Installation of an SCR on Green 2

Upgrade HMPL Units 1 and 2 fan systems to allow operation of both recycle pumps

Conversion of Reid to natural gas operation

RFP Overview

It is Big River's intent to hire an A/E to develop a specification to furnish and erect the Wilson FGD system, to bid this scope, and to identify and negotiate with the successful FGD vendor as the PSC proceedings occur this summer and fall. Specification should include all documents for vendor to submit contract ready bid. Project completion date is 1-1-16.

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Work to be included

Site walk down

Materials of construction study

Code review study

General Arrangement study

Preliminary review of reagent prep area

Evaluation and recommendation of successful vendor

Preliminary Level 2 schedule

Work to be excluded at this time

Fan Studies

Boiler Implosion study

Ash Handling/landfill evaluation

Controls study

Auxiliary electrical distribution system

Submittal

The proposal should include a firm cost to perform this work and the estimated number of man-hours required to complete the work proposed under this RFP.

In addition, a proposed time line should be included with proposal.

Questions can be sent to:

Eric Robeson

VP Environmental Services and Construction

270-844-6185

Eric.robesson@bigrivers.com

Robert F. Toerne
Director, Supply Chain
Big Rivers Electric Corporation
P. O. Box 24
201 Third Street
Henderson, KY 42419-0024

Email: rob.toerne@bigrivers.com

Office Phone: 270.844.6029

Cell Phone: 270.993.1604

Fax Line: 888.268.6219

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