

BIRMINGHAM WATER WORKS

REQUEST FOR SUBCONTRACTOR PRE-APPROVAL FOR  
DAM GROUT CURTAIN INSTALLATION

**BIRMINGHAM WATER WORKS  
LAKE PURDY DAM IMPROVEMENTS PROJECT**

Birmingham Water Works (BWW), in Birmingham Alabama is seeking a qualified construction subcontractor for installation of a comprehensive grout curtain as part of the proposed Lake Purdy Dam Improvement Project, hereinafter called the "Project". The BWW is anticipated to issue Bids for the Project in October 2023. The site location is Lake Purdy Dam, Lake Purdy Dam Road, Birmingham, AL.

We hereby, invite prospective grout subcontractors for the Project (project reference number P.01034) to complete an application for special pre-approval in order to be listed as a pre-approved subcontractor for the grout curtain portion of the work in the Contract Documents.

**Birmingham Water Works will receive applications for the pre-approval until May 31, 2023 and complete the pre-approval process by June 2023.**

The grout curtain portion of the project covered by this pre-approval is generally described as follows:

Construction of a multi-row grout curtain is to be installed along the project baseline from the spillway, non-overflow sections, and abutments of the dam. The program will consist of over 20,000 linear feet of rock drilling and coring and will primarily use a combination of medium mobility grout (MMG) and high mobility grout (HMG) in conjunction with both descending and ascending stage methods. The intent of the program is to fill larger fractures and voids with the downstream row initial lower order holes by using HMG or MMG, while the downstream row higher order holes and upstream row grout holes will use HMG to grout the finer fractures. Depending on foundation conditions, low-mobility grout (LMG) may be required on a case-by-case basis. Several initial holes will be deemed "exploratory" and will be cored through the dam and foundation. The grout subcontractor shall take necessary precautions to protect active drill holes and subcontractor equipment as a significant amount of the Work is located within an active spillway.

Pre-approval instructions, pre-approval application submission forms and reference information for the grout curtain portion of the Project are available for viewing electronically at <https://arcadis.orionpmis.com/LakePurdyPreapproval/>. For any questions about the site, please contact Dhiraj Parekh at [Dhiraj.Parekh@arcadis.com](mailto:Dhiraj.Parekh@arcadis.com).

Submissions must be received at the web address below by 3:00pm Central Time on May 31, 2023, addressed as follows:

Pre-approval for Project Number P.01034  
Lake Purdy Dam Improvement – Dam Grout Curtain Pre-approval  
<https://arcadis.orionpmis.com/LakePurdyPreapproval/>