



**State of West Virginia
Department of Administration
Purchasing Division**

NOTICE

Due to the size of this bid, it was impractical to scan every page for online viewing. We have made an attempt to scan and publish all pertinent bid information. However, it is important to note that some pages were necessarily omitted.

If you would like to review the bid in its entirety, please contact the buyer. Thank you.



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Stantec

February 28, 2008

West Virginia Department of Environmental Protection
Office of Abandoned Mine Lands
601 57th Street, SE – Box 20
Charleston, West Virginia 25304-2345

Attention: Mr. Nick Estes, P.E., Design Administrator

Dear Mr. Estes:

Reference: Howesville Site and Sandy Run Highwall and Portals

On January 2, 2008 R.D. Zande and Associates, Inc. joined Stantec Consulting Services, Inc. The integration of these two engineering organizations provides an enormous, broad-based pool of over 8,200 employees with specialized expertise in all forms of engineering and construction tasks to better serve our local customer's needs. Stantec now has two office locations in West Virginia at Charleston and Buckhannon. The Buckhannon office is located in close proximity to the project area and is readily available to provide engineering services on the Howesville Site and Sandy Run Highwall and Portals AML Project. Please review the enclosed completed "AML Consultant Confidential Qualification Questionnaire", "AML and Related Project Experience Matrix", and Purchasing Affidavit for Stantec to perform engineering services for Howesville Site and Sandy Run Highwall and Portals AML Project, P.O. Number DEP 14173.

Stantec (formerly R.D. Zande and Associates, Inc.) has Project specific experience successfully completing Projects for the West Virginia Department of Environmental Protection, Office of Abandoned Mine Lands (WVAML) Program; for the West Virginia Department of Environmental Protection, Office of Special Reclamation; for the Ohio Department of Natural Resources (ODNR) AML Program; and for the West Virginia Conservation Agency. In addition, Stantec has employee project-specific experience completing additional Projects for the WVAML Program. Our AML Project experience includes surveying and mapping; subsurface investigations; groundwater and surface water testing and analyses; wet mine seals and modified wet mine seals with bat gates design; mass balanced earthwork quantities; structure demolition and removal plans; site drainage design including hydrologic and hydraulic studies for bridges, natural stream design; channels, ditches, pipes and box culverts; civil site design; sediment control; and revegetation plans as well as construction plans and specifications. Approximately half of the above projects involved passive acid mine drainage designs ranging from simple limestone beds to complex interactive systems that boost AMD pH to precipitate metals, settle and filter dissolved metals, and polish effluent water with alkalinity prior to release of near neutral waters from the Project area. In addition, Stantec designed the first active alkaline treatment system for the State of West Virginia (Special Reclamation), which is nearing construction completion and start-up operations.