

**REQUEST FOR PROPOSALS
For Engineering Services For
CANYON LAKE DAM RESTORATION
PROJECT NO. PW08-1723**

PROJECT LOCATION

Canyon Lake Park in Rapid City South Dakota, located on Rapid Creek near the intersection of
Jackson Blvd and Canyon Lake Road

1. REQUEST FOR PROPOSAL:

The City of Rapid City Public Works Department, Engineering Services Division, is requesting proposals to provide professional engineering services for design, bidding, and construction services for the proposed project.

2. PROJECT JUSTIFICATION:

The existing Canyon Lake Dam and Spillway was constructed after a 1972 dam failure. In recent years, the spillway structure has seen increased seepage both under and through the concrete structure. A project is currently underway to reduce this seepage, but it is viewed as a short term solution. It is anticipated that a permanent solution would include replacement of the concrete dam and spillway structure.

3. PROJECT DESCRIPTION:

The selected consultant will provide services related to the design and construction administration of the Canyon Lake Dam and Spillway.

It is anticipated that the improvements will include the following:

1. Removal and replacement of the existing concrete dam structure.
2. Provisions for regulating flow through the dam and for draining the lake without causing significant loss of silt and sediment.
3. Silt and sediment removal.