



Sites Reservoir is preparing to issue the Reservoir Construction Management at Risk (RCMAR) Request for Qualifications (RFQ) on January 8<sup>th</sup>, 2025. This will be a two-step process of RFQ, shortlist and then issuance of a Request for Proposals. The expected scope of the project is estimated at up to \$3 billion. Award of the Phase 1, Pre-construction Services is anticipated for fall of 2025 with completion of construction by end of 2032. The anticipated project scope consists of the following:

- **Main dams, saddle dams and dikes, and reservoir rim.** Sites Reservoir will require construction of two new dams, Sites Dam (on Stone Corral Creek) and Golden Gate Dam (on Funks Creek), seven saddle dams, and three dikes on the reservoir rim at the top of tributaries to the Hunters Creek drainage. Sites Dam and Golden Gate Dam will be approximately 270 feet high. The saddle dams and dikes will range in height from 6 to 107 feet. Sites and Golden Gate Dams will be founded on rock, with the dam embankment including a central clay Zone 1 core with flanking rockfill shells.
- **Spillway.** A concrete overflow spillway will be located on the north side of the reservoir rim discharging into Hunters Creek to the north.
- **Inlet/Outlet (I/O) works.** This facility includes a sloping intake structure with two parallel, concrete-encased 13-foot-diameter pipes, laid on an excavated hill slope. As currently envisioned, the intake works will include inlet ports providing the flexibility to draw or discharge water from seven different elevations in Sites Reservoir. An I/O tunnel, roughly 3,200 linear feet is included in the Reservoir Package and would connect to the downstream infrastructure included in the Conveyance Package. The tunnel would have an excavated diameter of 24.5 feet and an inner diameter of 18.5 feet.
- **Sites Dam Diversion Outlet:** The diversion tunnel will be located through the left abutment of Sites Dam. Following construction, the diversion tunnel will be used for stream releases and emergency reservoir releases to Stone Corral Creek. The Sites Diversion Outlet intake will consist of two parallel 10-foot pipes combining into a 14.5-foot inner diameter steel-lined tunnel in the north abutment of Sites Dam. The steel-lined tunnel will continue for about 1,320 linear feet until reaching the outlet structure where the main pipe would bifurcate into two parallel 9.5-foot pipes with butterfly isolation valves and fixed cone valves discharging into energy dissipation chambers. Water exiting the chambers will discharge to a riprap-lined channel connecting to Stone Corral Creek downstream of Sites Dam.
- **Funks Creek Diversion:** A temporary 4-foot-diameter steel pipe encased in reinforced concrete in the foundation of Golden Gate Dam will be used to divert flows to Funks Creek during construction. The diversion will be abandoned after construction by plugging the steel pipe with concrete.
- **Sites Lodoga Road Bridges.** Two bridges are included in the Reservoir Package. One, approximately 1,900 feet on the west side of Sites Reservoir and a second approximately 2,700 feet long from the middle causeway to the east end of Sites Reservoir. The segment between the two bridges will be constructed with a fill prism.

- **Materials Haul Road Bridge:** Running east-west, a single span bridge east of Sites Reservoir along the Sites Lodoga Road realignment will connect to the borrow area near the Golden Gate Dam.
- **Spillway Bridge:** This bridge will be constructed over the spillway and supported on spillway walls at each end. The bridge will be aligned with the 23 foot -6 inch wide Saddle Dam Road connecting to the North and South Saddle Dam Road west of the spillway.
- **Miscellaneous Construction Access and Permanent roads and Bridges:** One new bridge, four bridge replacements, and bridge widening will be constructed at various locations along North Access Road, Road 69, Delevan Road and Funks Construction Access Road to span local creeks and canals.