


# Headworks Rehabilitation at Plant No. 1, Project No. P1-105

Presented by:  
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Operations Committee  
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Consultant Services Award



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## Professional Construction Services



- Carollo Engineers, Inc. selected for design of Headworks Rehabilitation at Plant No. 1. P1-105 in May 2015 in a qualifications-based competition
- Continuation of services during construction referenced in agreement.

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## Professional Construction Services

Services to be provided as needed (time and material)

- Shop drawing submittal review
- Requests for Information (RFIs)
- Change Order assistance
- Geotechnical inspection
- Startup assistance, training, operating procedures
- Record drawings

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## Professional Construction Services - Negotiation

	Original Proposal	Negotiated
Total Hours	88,014	67,706
Total Fee	\$24,141,308	\$16,500,000
Percentage of Construction	10.8%	7.4%

- Multiple meetings held with Consultant
- Clarified assumptions
- Ensured scope, estimated quantities for requests for support and record drawings are appropriate

Staff will report on progress & risks  
midway through construction.

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## Recommendation: Consultant Services

- Approve a Professional Construction Services Agreement with Carollo Engineers, Inc. to provide construction support services for Headworks Rehabilitation at Plant No. 1, Project No. P1-105, for an amount not to exceed \$16,500,000; and
- Approve a contingency of \$1,650,000 (10%).

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## Questions



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