



PARADISE IRRIGATION DISTRICT

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MEMORANDUM

TO: Board of Directors

FROM: Neil Essila, Jim Passanisi, and Kevin Phillips

DATE: January 11, 2018

**RE: History of Grants and Grant Writing Services
01/17/2018 Board of Directors Meeting**

Recent Grants Received by Paradise Irrigation District

Paradise Irrigation District (PID) submitted a grant application for funding under the California Department of Water Resources 2003 Urban Water Conservation Program for water main replacement. To qualify for grant funding, projects under the 2003 funding from Proposition 13 had to be locally cost effective. Cost effectiveness was demonstrated through consideration of avoided costs for operations and maintenance including leak repair and treatment costs, and capital costs including expansion of water treatment and reservoir storage.

The proposed project consisted of a portfolio of 16 water main replacement projects scattered throughout the District on some of the District's mainline segments that topped the pipeline leak database. The requested funds totaled \$1,310,521.62 with a pledge of applicant funds of \$159,716.51. The water mains were replaced by District forces over a period of three years. Delays resulting from easement acquisition resulted in the substitution of two different main replacement segments for three of the mainline segments that were in the original grant application.

The grant application was prepared by District Manager Ray Auerbach, Distribution Superintendent John Price and Neil Essila. The principal author of the grant application was Neil Essila.

PID submitted two grant applications for funding under the 2007 Urban Water Use Efficiency program, funded under Proposition 50. The same criteria for cost effectiveness were used in these grant applications as in the 2003 grant application. The projects were selected to provide intermediate-level water savings on streets where traffic levels would make construction by District crews less effective. Engineering and construction for the projects contained in the grant applications were outsourced.

Each grant application targeted a single main replacement project: one project on Bille

Road, and one project on Skyway. The Bille Road grant application secured State funding of \$602,971.00 with a proposed local cost share of \$662,361.00. The Skyway grant consisted of \$522,901.00 in State funding with a local cost share of \$441,612.00.

The contract costs for construction of the proposed projects came in substantially below the initial estimates, probably due in large measure to the economic downturn that began in 2008. The District proposed to do additional main replacement with the unused funds. Department of Water Resources approved the additional construction and a second pipeline segment was added to each grant. The additional projects were engineered in-house and construction was completed by a combination of contract and District crew construction.

The grant application was prepared by George Barber, John Price and Neil Essila. The principal author of the grant application was Neil Essila.

SYLVIR Consulting Inc. Grant Writing Services

The District has not received any grants as a result of the services provided by Sylvir Consulting from 2013 through 2017.

The 2017 FEMA Pre-Disaster Mitigation Grant Notice of Intent is still active, and is in a competitive pool with other applicants. The grant application includes the relocation of the 42-inch creek crossing at the plant, replacement of the generator at the plant, and A Zone Pipeline & Pump Station.

Ten (10) invoices have been paid to date in the amount of \$45,050. Because the District is a member of ACWA, there is a 5% discount for the grant writing services. The regular hourly rate for Sylvir's service is \$90 per hour. A summary of the potential grant opportunities and the cost for each task (total of 11 tasks) includes the following:

1. Federal Grants Registration
Cost: \$225
2. 2014 DWR Water Energy Grant Preview; Discussion; Workshop; \$1,213,000; "Paradise Saves Water" Application included a variety of rebates; distribution system leak detection and repair; & inline hydroelectric power.
Cost: \$10,493
3. Drinking Water State Revolving Fund (SRF) Reservoir B Rehabilitation - Application Review; conference call; edits; bid document review.
Cost: \$1,463
4. Process Water Recycle Project Attendance at SRF Coordination Meeting
Cost: \$247

5. Northern Sacramento Integrated Regional Water Management Plan
Five (5) Applications & Two Concept Proposals - Process Water Recycle Project;
Bladder Dam; Pipeline Replacement; Magalia Dam; Magalia Fault Study
Cost: \$3,105
6. 2015 Green Project Reserve Program - \$2,860,000 principal forgiveness for eligible
water and energy savings project costs for the Process Water Recycle Project -
Submittal Review
Cost: \$142
7. 2016 U.S. Bureau of Reclamation Water & Energy Efficiency Grant - Process Water
Recycle Project and Inline Hydropower; Review of Benefits; Research;
Performance; Application; Submittal
Cost: \$7,290
8. 2016 Bay-Delta Restoration Program CALFED Water Use Efficiency Grant
Application and Submittal; Process Water Recycle Project and Inline Hydropower
Cost: \$3,372
9. 2016 Hazard Mitigation Grant DR-4240 - Workshop & Research; Notice of Intent
Submittal; \$3,785,977 Full Application; Meeting; Benefit Cost Analysis: Submittal;
Application Follow-up with State OES
Cost: \$10,584
10. 2017 FEMA/OES Post-Disaster Hazard Mitigation Grant DR-4301 - \$3,785,977;
Immediate Needs Application, Revision Submittal; Follow-up with State OES;
required a seismic study
Cost: \$6,633
11. 2017 FEMA/OES Pre-Disaster Hazard Mitigation Grant \$3,785,977 Notice of Intent
Preparation & Submittal; repackage budget format; includes a seismic study
Cost: \$1,496. This application is still active. Discussions with CalOES indicate the
content of the application may have been viewed favorably for competitive ranking
by FEMA.