PA 22 Committee Budget Amendment

PA 22 Committee
February 25, 2016
Recommendation

- Approve amending the PA22 Committee Budget to move $860,120 from the Aerial Mapping Project to the Conservation Based Rates Project.
Funding Available

- Savings in Aerial Mapping Project
- $2,600,000 Budget
- $730,244 Costs
  - Geophex Contract - $462,957
  - Statistical Research Inc. - $202,837
  - Resource Strategies Inc. - $64,450
  - Contingency: Classification analysis for retailers/wholesalers, further data management for needs of retailers/wholesalers, ET data, etc.
- Savings = $1,869,755
Interest in Funding

- Cucamonga Valley WD letter submitted – Nov 17, 2015
- Interest from La Habra and Loma Linda
- Other 9 agency allocations are $215,030 (East Valley Water District received allocation of $337,727)
Interest in Funding

- Propose shifting $860,120 (four $215,030 allocations) to Conservation Based Rates
  - Garden Grove, Cucamonga Valley WD Submitted Letters
  - La Habra, Loma Linda shown interest
- Leaves $1,009,635 for Aerial Mapping (Contingency, can lead to other shifts in the budget where there is demand)
Why Amend PA 22 Budget

- Allows transfer of funds from Aerial Mapping to Conservation Based Water Rates
- Don’t have to amend DWR Budget in Grant Agreement (their budget rolls up Aerial Mapping and Rates together)
SAWPA asked 9 agencies in funding queue about their progress and their schedule.

The three milestones in the policy statement provide them enough time to meet their schedule they provided to SAWPA.

Calendar Year 2016

- **January**: Agreement w/ SAWPA
- **July**: Detailed Scope of Work
- **December**: Final Draft Report
Milestones Important For Finalizing Project On Time

1. Agreement w/ SAWPA
2. Detailed Scope of Work
3. Final Draft Report
Recommendation

- Approve amending the PA22 Committee Budget to move $860,120 from the Aerial Mapping Project to the Conservation Based Rates Project.
TURF REMOVAL PROJECT
POLICY STATEMENT NO. 1

PA 22 Committee
February 25, 2016
Recommendaion

- Clarify that Policy Statement No. 1 and the SAWPA Member Agency Contracts are intended to include institutions in the definition of eligible recipients for turf removal rebates, and institutions shall include highly visible properties of non-profit organizations.
Turf Contract & Policy Statement: Exclusive or Emphasis?

- Local water agency requests that nonprofits be eligible for rebates
- Policy Statement No. 1: *The intent of the PA22 Committee is to direct grant funding for the Project to highly visible properties that are maintained by a public agency or homeowner association.*
- SAWPA-Member Agency Contract: *...to highly visible properties that are maintained by a public agency, institutional or a homeowner association (HOA)*
Turf Contract Clarification (PA 22 Committee Meeting July 2015)

- PA 22 Committee already discussed churches:
  - MOVED, Policy Statement No. 1 and the SAWPA-Member Agency Contracts are revised to include institutions in the definition of eligible recipients for turf removal rebates, and institutions shall include churches.
  - From meeting minutes of July 23, 2015
Non-Profit Project

- Ronald McDonald House in City of Orange
- Request from MWDOC
- Serves as housing for families with children who are under care at Children’s Hospital
- Is publicly visible as it is adjacent to hospital
- 2,336 square feet of turf grass
Recommendation

- Clarify that Policy Statement No. 1 and the SAWPA Member Agency Contracts are intended to include institutions in the definition of eligible recipients for turf removal rebates, and institutions shall include highly visible properties of non-profit organizations.
Recommendation

- Approval of Task Order SRI504-301-02 with Statistical Research Inc. Consultant for $162,204.
Background on SRI

- Would be second task order with SRI.
- First SRI Task Order amount = $40,634; executed October 14, 2015
- Selected for this work under 2015 PA22 Approved RFP (This Task Order also covered under RFP)
- First SRI Task Order was for preliminary imagery analysis for agencies involved in conservation based rates (9 agencies).
Overall Project Consultants

Richard Schulman - Resource Strategies Inc.
Overall Anticipated Aerial Mapping Project Deliverables

- Aerial Imagery (3inch resolution)
  - Imagery processed by Flight Path
  - Imagery clipped by Agency Area of Interest (AOI)
  - Imagery clipped by Watershed

- Outdoor/Landscape Area Measurements
  - Measurements calculated by Flight Path
  - Measurements clipped by Agency
  - Measurements clipped by Watershed
Need for Task Order

- Need to complete rest of watershed per DWR-SAWPA Grant Agreement
- Will benefit member agencies and any others who need data clipped for their area of interest
- Will allow agencies to implement conservation based water rates
- First Task Order with SRI was for 9 water rate agencies
  - Did not incorporate slope measurements
SRI Deliverables for New Task Order

Obtain outdoor area measurements of the following categories for entire watershed:

- turf grass,
- trees,
- shrubs,
- pools (where data is available),
- other vegetation irrigated, and
- other vegetation non-irrigated.
SRI Deliverables for New Task Order

These six measurements shall be itemized by Meter Service Areas (MSAs) for entire watershed.

MSAs = modified parcels
Cost of Task Order

- Like Geophex, dependent on square miles
  - Rate per square mile (for Image Analysis)
- Also dependent on the following parcel information
  - Rate per parcel for Landscape Split
  - Rate per parcel for MSA creation (a.k.a. “Parkway Addition”)
  - Rate per parcel for slope calculation
Overall Budget

- Budget: $2,600,000
- Total Task Order Amount: $730,244
- Difference: $1,869,755
- Richard Schulman, RSI:
  - Two Task Orders: $26,400 and $38,050
- Geophex:
  - Two Task Order: $283,864.02 and $179,093.2
- Statistical Research Inc.:
  - Task Order Approved: $40,634
  - Task Order For Approval: $162,204
Amended PA22 Budget

- From $2,600,000
- Shifted $860,120 (four $215,030 water rate allocations)
- Difference: $1,739,880

- Approved Task Orders Total: $568,041
- Task Order for Approval: $162,204
- Amount Remaining in Budget: $1,009,635
Recommendation

- Approval of Task Order SRI504-301-02 with Statistical Research Inc. Consultant for $162,204.
Background
Data Delivery Process

- Dependent on delivery methodology
- Three consultants each participate in deliverables
- SRI provides the final deliverable piece for measuring landscapes

Geophex
Surveys

Richard Schulman - Resource Strategies Inc.

Statistical Research, Inc.
Data Delivery Process

Step 1: Geophex creates tiles in five group
Step 2: Schulman - RSI combines tiles by flight area
Step 3: Statistical Research, Inc. combines flight areas together to create an agency area
Dependent on Delivery Method

1st Delivery of ¼ mile Imagery (Completed)

Generate Flight Path Imagery
Generate Agency Imagery Compressed Format
Generate Outdoor Measurements

Richard Schulman - Resource Strategies Inc.

Geophex Surveys
## Data Delivery Process

<table>
<thead>
<tr>
<th>Geophex Area</th>
<th>Date Geophex Delivery</th>
<th>Priority Agencies</th>
<th>Delivery Area</th>
<th>SRI Delivery Deadline to SAWPA</th>
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Data Delivery Process

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Richard Schulman - Resource Strategies Inc.
Data Delivery Process

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Geophex
Surveys

Richard Schulman –
Resource Strategies Inc.
Dependent on Delivery Method

Geophex Surveys

1st Delivery of 1/4 mile Imagery (Completed)

Richard Schulman - Resource Strategies Inc.

Generate Flight Path Imagery
Generate Agency Imagery Compressed Format

Generate Outdoor Measurements
# Data Delivery Process

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Recommendation

- Receive and file this update on Amendment No. 1 to the SAWPA Grant Agreement.
Need for Amendment

• In discussions with DWR, they would like water agencies receiving reimbursement for water rates to be written into contract. This requires an amendment to the Grant Agreement Work.
• Those agencies, and expected agencies, are listed in Amendment.
  • All ten agencies and Garden Grove, Cucamonga Valley Water District, Loma Linda and La Habra
Other Changes

- Staff took opportunity of Amendment to make other clarifying changes
- Changes reviewed with Conservation Advisory Group
  - Extended the Schedule to provide flexibility (still within allowable timeframe for DWR)
  - Remove mention of website to market turf removal programs for member agencies as turf programs are already very popular and work is being done on IEfficient, WMWD’s Prop 84 Round 2 funded landscape manual, and Water Savings Garden Friendly.
  - Clarify definition of “institutional” for turf removal.

iEfficient.com
Recommendation

• Receive and file this update on Amendment No. 1 to the SAWPA Grant Agreement.