



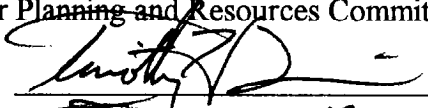
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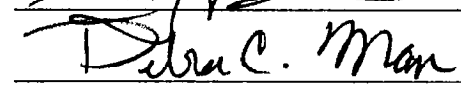
METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

7-9

May 27, 1997

To: Board of Directors (Budget and Finance Committee--Action)
(Organization and Personnel Committee--Action)
(Water Planning and Resources Committee--Action)

From: General Manager 

Submitted by: Debra C. Man, Chief 
Planning and Resources Division

Subject: Authorization to Amend Metropolitan's Agreements with Bookman-Edmonston Engineering, Inc. and the U.S. Bureau of Reclamation to Expend up to an Additional \$100,000 to Accomplish the Phase II Salinity Management Study

RECOMMENDATIONS

It is recommended that your Board authorize the General Manager, subject to approval in form by the General Counsel, to:

1. Amend Metropolitan's agreement with Bookman-Edmonston Engineering, Inc., which is now engaged in the Phase II Salinity Management Study for an additional expenditure of \$100,000 to update the analysis of economic impacts of high salinity water levels in Metropolitan's service area for a total amended cost not to exceed \$350,000; and
2. Amend Metropolitan's cost sharing agreement with the U.S. Bureau of Reclamation to receive an additional \$100,000 for the Phase II Study.

EXECUTIVE SUMMARY

Amending Metropolitan's agreement with Bookman-Edmonston Engineering, Inc. for an additional \$100,000 will support an improved assessment of salinity management options under the ongoing Phase II Salinity Management studies. Bookman-Edmonston's agreement would be expanded from \$250,000 to \$350,000. The additional \$100,000 would be obtained from the U.S. Bureau of Reclamation (USBR) by amending its existing cost sharing agreement with Metropolitan. The \$100,000 would be used to conduct case studies, pay for the services of a new subconsultant that would perform a survey and prepare a statistical assesment of salinity impacts to residences, and update the USBR's 1988 salinity impact computer model.

BRIEF DESCRIPTION

Bookman-Edmonston Engineering, Inc. and its subconsultant team were competitively selected under RFP No. 243 to conduct the Phase II Salinity Management Studies based on qualifications and approach. Since then, staff in concert with participating member agencies, have concluded that expansion of the study to update the U.S. Bureau of Reclamation's (USBR) 1988 assessment of regional impacts from salinity increases is desirable.

The additional expenditure will enable the consultant to conduct case studies and add a new subconsultant to survey and assess residential impacts on a statistical basis. The results will be used to update the USBR's 1988 computer model of long-term impacts of increasing water salinity concentration to local and imported water serving our region. Of the \$100,000 expenditure, approximately \$50,000 will be allocated to Bookman-Edmonston, \$25,000 to subconsultant Lee and Ro, Inc., and \$25,000 to the new subconsultant survey firm. These amounts may be reallocated as the work plan is refined.

The new subconsultant will be selected based on qualifications and a competitive fee schedule will be negotiated. The entire subconsultant team includes:

| Subconsultant | Expertise |
|---------------------------------|---|
| (New subconsultant) | Consumer Surveys |
| HYA Engineering | Water Recycling |
| So & Associates Engineers, Inc. | Wastewater Systems |
| The Solis Group | Meeting Facilitator and Agency Outreach |
| Lee and Ro Inc. | Economics and Wastewater |
| Frank Dryden | Regional Board Practices |
| Dick Sudak | Desalination Technology |
| Paul Puckorius | Industrial Water Use |
| Water and Landscape Consultants | Horticulture |

The additional \$100,000 would be obtained from the USBR by amending its cost sharing agreement with Metropolitan as follows:

FUNDING ARRANGEMENTS

| | <u>Phase I</u> | <u>Phase II</u> | <u>Phase II</u> Expanded Economic Assessment | <u>Party Totals</u> |
|----------------------|------------------|------------------|---|-------------------------|
| Metropolitan | | | | |
| Direct Funding | \$100,000 | \$100,000 | \$50,000 | \$250,000 |
| In-Kind Staff Work | 25,000 | 25,000 | 75,000 | 125,000 |
| Subtotal | \$125,000 | \$125,000 | \$125,000 | \$375,000 |
| USBR | | | | |
| Direct Funding | \$100,000 | \$100,000 | \$100,000 | \$300,000 |
| In-Kind Staff Work | 25,000 | 25,000 | 25,000 | 75,000 |
| Subtotal | \$125,000 | \$125,000 | \$125,000 | \$375,000 |
| Project Total | \$250,000 | \$250,000 | \$250,000 | \$750,000 |

| | | |
|---|--|---|
| Contract Type <input type="checkbox"/> New <input checked="" type="checkbox"/> Amended | Funding <input type="checkbox"/> Capital-Appropriation No. <input checked="" type="checkbox"/> O & M | Type of Competition <input type="checkbox"/> RFQ <input checked="" type="checkbox"/> RFP NO. <u>243</u> <input type="checkbox"/> Informal RFP <input type="checkbox"/> Other Competition |
| Contract Form <input type="checkbox"/> Lease <input checked="" type="checkbox"/> Professional Services | Budget Status <input checked="" type="checkbox"/> FY 96-97 Amount <u>\$30,000</u> <input checked="" type="checkbox"/> Out-Year Amount <u>\$120,000</u> <input checked="" type="checkbox"/> Non-Budget Amount <u>\$120,000*</u> | <input type="checkbox"/> Sole Source |

*To be included in FY 1997-98 budget. Note, \$200,000 of additional funds to be received from U.S. Bureau of Reclamation for Phase II.

PURPOSE/BACKGROUND

The purpose of the Salinity Management Study is to develop recommendations for your Board regarding salinity management strategies for the future based on a comprehensive assessment of regional factors. The results of Phase I, the problem identification part of the study, were reported to your Board in March, 1997. Phase II will formulate and assess alternative management strategies.

MBE/WBE

RFP No. 243 established certified Minority-Owned Business Enterprise (MBE) and certified Women-Owned Business Enterprise (WBE) participation goals at 15 percent and 5 percent, respectively. Under the contract amendment, certified MBE subconsultant participation will increase from 15 percent to 21.4 percent while WBE participation would be reduced from 8 to 5.7 percent. The expected dollar amount of WBE participation,

\$20,000, will remain unchanged. Bookman-Edmonston has committed to achieve 21.4 percent certified MBE participation and 5.7 percent WBE participation under an amended contract. MBE/WBE participation firms are listed in Exhibit A.

CEQA COMPLIANCE/ENVIRONMENTAL DOCUMENTATION

The proposed study is exempt from the California Environmental Quality Act because it does not involve activities affecting environmentally sensitive assets.

ACTIONS AND MILESTONES

Revised milestones based on three additional months to conduct the expanded work are as follows:

| <u>Action</u> | <u>Milestone</u> |
|--------------------------|------------------|
| Start Phase II | March 1997 |
| Formulate Alternatives | May 1997 |
| Analysis of Alternatives | December 1997 |
| Draft Recommendations | January 1998 |
| Phase II Report | March 1998 |
| Board Workshop | April 1998 |
| Board Action | June 1998 |

DC:cl

Attachment

EXHIBIT A

MBE/WBE Participation for: Bookman-Edmonston Engineering, Inc.

| | | |
|-----------------------|-------------------|-------------------|
| Project Goals: | <u>MBE</u> | <u>WBE</u> |
| | 15% | 5% |

| <u>Subconsultant</u> | <u>Type of Services:</u> | <u>Participation:</u> | |
|-----------------------------|---------------------------------|------------------------------|-------------------|
| | | <u>MBE</u> | <u>WBE</u> |
| The Solis Group | Technical Support | - | 5.7% |
| Lee & Ro, Inc. | Technical Support | <u>21.4%</u> | <u>-</u> |
| | Total Participation: | 21.4% | 5.7% |