

**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

August 4, 1992

To: Board of Directors (Engineering and Operations Committee--Action)
 (Organization and Personnel Committee--Action)

From: General Manager

Subject: Contracts for Prehistoric and Historic Resources, Domenigoni
 Valley Reservoir Project

Report

Under the Domenigoni Valley Reservoir Project Final Environmental Impact Report (FEIR) and Mitigation Monitoring Plan certified by your Board in October 1991, Metropolitan is committed to survey, test, and mitigate for impacts to significant prehistoric and historic resources. The survey is 95 percent complete and has identified approximately 90 historic and prehistoric sites which will require testing for significance, with impacts to significant resources mitigated by recovery and analysis of artifacts.

As part of a land exchange with the Bureau of Land Management approved by your Board in July 1992, Metropolitan is pursuing a Programmatic Agreement (PA) with the State Office of Historic Preservation and the Advisory Council on Historic Preservation. This PA will provide for testing and mitigation of prehistoric and historic resources impacts in accordance with applicable Federal and State law and policy. The PA will also streamline review and implementation of the testing and mitigation program.

The proposed work will include archival research, test excavations to determine site significance, recovery and curation of artifacts, and development of an appropriate interpretive program. The work will be accomplished in two phases:

- o Phase I (1992-1993) - Testing of prehistoric and historic sites for significance, archival work, and recovery (mitigation) work on sites of critical importance in the construction schedule, such as borrow sites and the San Diego Canal relocation and to establish the scope of further studies. Phase I work on prehistoric resources will not exceed \$2,000,000. Historic resources studies during this phase will not exceed \$1,000,000; and

- o Phase II (1993-2000) - Completion of remaining mitigation work, including curation of artifacts and implementation of interpretive programs. Based on Phase I results, the scope of Phase II studies will be defined and presented to your Board for approval of funding and contract requirements.

On May 15, 1992, Requests for Proposal were mailed to contractors identified on regional archeological information center lists of contractors certified by the Society of Professional Archeologists. The notice of request for proposal was published in the Los Angeles Times on May 15 and was sent to businesses which attended the Metropolitan small business symposium this year. Seven proposals were received for prehistoric archeological work and four for historic archeological work. Proposals were evaluated using quantitative measures of qualifications, large-project experience, management capability, and cost. Firms shortlisted on the basis of proposals were interviewed on July 10, 1992. Based on this evaluation, INFOTEC Research, Inc., was selected to perform prehistoric archaeological services. Greenwood and Associates was selected to conduct historic archeological services. Greenwood and Associates is a woman-owned firm. Both firms have affirmative action plans on file with Metropolitan.

Compliance with the California Environmental Quality Act is provided for under the FEIR for the Domenigoni Valley Reservoir Project, certified by your Board in October 1991. Funds for this work have been included in Appropriation No. 560, approved by your Board in October 1991.

Board Committee Assignments

This letter is referred for action to:

The Engineering and Operations Committee because of its interest in the storage and treatment of water pursuant to Administrative Code Section 2431(c); and

The Organization and Personnel Committee because of its jurisdiction over the terms and conditions of employment of all consultants, pursuant to Administrative Code Section 2470(g).

Recommendation

ENGINEERING AND OPERATIONS COMMITTEE AND ORGANIZATION AND PERSONNEL COMMITTEE FOR ACTION.

It is recommended that your Board authorize the General Manager to enter into consulting agreements with INFOTEC Research, Inc., for prehistoric archeological services for an amount not to exceed \$2,000,000 and with Greenwood and Associates for historic archeological work for an amount not to exceed \$1,000,000. Fee schedules for these firms are attached.


Carl Boronkay

KMK:led/MMSHARED/PRHISTRYE

Attachments

- | | |
|-------------------|------------------|
| cc: C. Boronkay | G. D. Leddy |
| F. Vendig | J. E. Lundgren |
| M. W. Hondorp | J. W. Malinowski |
| R. W. Balcerzak | D. C. Man |
| D. L. Georgeson | E. G. Means |
| M. J. McGuire | G. K. Mitchell |
| L. W. Lindhout | C. E. Nichols |
| N. G. Taylor | P. R. Singer |
| D. L. Adams | T. M. Spencer |
| E. J. Alva | G. M. Snyder |
| D. J. Askenaizer | K. L. Tachiki |
| L. H. Becker | C. F. Voyles |
| S. M. Chavez | D. G. Majors |
| K. E. Dorff | K. M. Kunysz |
| L. T. Fillenwarth | General Records |
| D. I. Furukawa | Planning Files |
| F. W. Horne | |
| G. F. Ivey | R. E. Corley |
| R. E. Kennedy | R. P. Will |

**NON-NARRATIVE SECTION 6:
FEE SCHEDULE**

Attached are IRI's billing rates (fee schedules) for Fiscal Years 1992 (ending 30 September 1992) and 1993. Each schedule includes two items: billing rates for regular labor and rates for temporary labor. For each labor category (position), the schedules show hourly gross wages, employee benefits, overhead, and fee. The rates for temporary and regular employees differ insofar as the latter receive a full benefits package while the former receive only fringe benefits, as required by statute. The benefits and overhead rates are applied to direct labor only, while fee is charged on the contract subtotal. No fee or other administrative charge is applied to subcontracts.

INFOTEC Research, Inc.
Billing Rates, Regular Labor
 Fiscal Year 1992
 (10/01/91-09/30/92)

Labor Category	Hourly Gross Wages	Employee Benefits @ 45.9%	Overhead @ 40.0%	Subtotal	@ 10%	Total Fee/Billing Rate/hr
Attorney	50.00	n/a	20.00	70.00	7.00	77.00
Executive IV	29.90	13.72	11.96	55.58	5.56	61.14
Executive III	27.20	12.48	10.88	50.56	5.06	55.62
Executive II	24.40	11.20	9.76	45.36	4.54	49.90
Executive I	20.50	9.41	8.20	38.11	3.81	41.92
Manager V	22.50	10.33	9.00	41.83	4.18	46.01
Manager IV	20.20	9.27	8.08	37.55	3.76	41.31
Manager III	19.90	9.13	7.96	36.99	3.70	40.69
Manager II	18.20	8.35	7.28	33.83	3.38	37.21
Manager I	17.90	8.22	7.16	33.28	3.33	36.61
Research Sci. V	26.00	11.93	10.40	48.33	4.83	53.16
Research Sci. IV	24.00	11.02	9.60	44.62	4.46	49.08
Research Sci. III	22.00	10.10	8.80	40.90	4.09	44.99
Research Sci. II	19.90	9.13	7.96	36.99	3.70	40.69
Research Sci. I	18.20	8.35	7.28	33.83	3.38	37.21
Supervisor V	17.90	8.22	7.16	33.28	3.33	36.61
Supervisor IV	16.50	7.57	6.60	30.67	3.07	33.74
Supervisor III	15.40	7.07	6.16	28.63	2.86	31.49
Supervisor II	14.20	6.52	5.68	26.40	2.64	29.04
Supervisor I	13.80	6.33	5.52	25.65	2.57	28.22
Archaeologist V	15.00	6.89	6.00	27.89	2.79	30.68
Archaeologist IV	13.80	6.33	5.52	25.65	2.57	28.22
Archaeologist III	12.90	5.92	5.16	23.98	2.40	26.38
Archaeologist II	12.00	5.51	4.80	22.31	2.23	24.54
Archaeologist I	11.00	5.05	4.40	20.45	2.05	22.50
Tech. Illust. III	13.10	6.01	5.24	24.35	2.44	26.79
Tech. Illust. II	12.50	5.74	5.00	23.24	2.32	25.56
Tech. Illust. I	11.50	5.28	4.60	21.38	2.14	23.52
Admin. V	14.70	6.75	5.88	27.33	2.73	30.06
Admin. IV	13.80	6.33	5.52	25.65	2.57	28.22
Admin. III	13.10	6.01	5.24	24.35	2.44	26.79
Admin. II	11.20	5.14	4.48	20.82	2.08	22.90
Admin. I	10.60	4.87	4.24	19.71	1.97	21.68
Sec/Clerical III	12.10	5.55	4.84	22.49	2.25	24.74
Sec/Clerical II	11.20	5.14	4.48	20.82	2.08	22.90
Sec/Clerical I	10.60	4.87	4.24	19.71	1.97	21.68

INFOTEC Research, Inc.
Billing Rates, Temporary Labor

Fiscal Year 1992
(10/01/91-09/30/92)

Labor Category	Hourly Gross Wages	Employee Benefits @ 14.8%	Overhead @ 40.0%	Subtotal	Fee @ 10%	Total Billing Rate/hr
Prin. Investigator V	23.70	3.51	9.48	36.69	3.66	40.35
Prin. Investigator IV	21.10	3.12	8.44	32.66	3.26	35.92
Prin. Investigator III	18.50	2.74	7.40	28.64	2.86	31.50
Prin. Investigator II	16.90	2.50	6.76	26.16	2.61	28.77
Prin. Investigator I	15.30	2.26	6.12	23.68	2.37	26.05
Project Director V	18.50	2.74	7.40	28.64	2.86	31.50
Project Director IV	16.90	2.50	6.76	26.16	2.61	28.77
Project Director III	15.30	2.26	6.12	23.68	2.37	26.05
Project Director II	14.20	2.10	5.68	21.98	2.20	24.18
Project Director I	13.20	1.95	5.28	20.43	2.04	22.47
Archaeologist V	13.60	2.01	5.44	21.05	2.10	23.15
Archaeologist IV	12.50	1.85	5.00	19.35	1.94	21.29
Archaeologist III	12.00	1.78	4.80	18.58	1.86	20.44
Archaeologist II	11.00	1.63	4.40	17.03	1.70	18.73
Archaeologist I	10.00	1.48	4.00	15.48	1.55	17.03
Geomorphologist II	15.50	2.29	6.20	23.99	2.40	26.39
Cartographer III	15.80	2.34	6.32	24.46	2.45	26.91
Cartographer II	13.20	1.95	5.28	20.43	2.04	22.47
Cartographer I	12.50	1.85	5.00	19.35	1.94	21.29
Photographer	21.10	3.12	8.44	32.66	3.27	35.93
Assoc. Photog.	15.80	2.34	6.32	24.46	2.45	26.91
Photog. Spec.	13.70	2.03	5.48	21.21	2.12	23.33
Photog. Asst.	10.50	1.55	4.20	16.25	1.63	17.88
Sci. Illust/Drafts IV	14.20	2.10	5.68	21.98	2.20	24.18
Sci. Illust/Drafts III	12.90	1.91	5.16	19.97	2.00	21.97
Sci. Illust/Drafts II	12.00	1.78	4.80	18.58	1.86	20.44
Sci. Illust/Drafts I	11.50	1.70	4.60	17.80	1.78	19.58
Admin. Assist. II	11.20	1.66	4.48	17.34	1.73	19.07
Admin. Assist. I	10.20	1.51	4.08	15.79	1.58	17.37
Clerk/Typist III	11.20	1.66	4.48	17.34	1.73	19.07
Clerk/Typist II	10.20	1.51	4.08	15.79	1.58	17.37
Clerk/Typist I	9.50	1.41	3.80	14.71	1.47	16.18
Logistics Spec.	12.50	1.85	5.00	19.35	1.94	21.29

INFOTEC Research, Inc.
Billing Rates, Regular Labor
Fiscal Year 1993
(10/01/92-09/30/93)

Labor Category	Hourly Gross Wages	Employee Benefits @ 45.9%	Technical Overhead @ 46.0%	Subtotal	Fee @ 10%	Total Billing Rate/hr
Attorney	52.50	n/a	24.15	76.65	7.67	84.32
Executive V	31.40	14.41	14.44	60.26	6.03	66.28
Executive IV	27.50	12.62	12.65	52.77	5.28	58.05
Executive III	26.20	12.03	12.05	50.28	5.03	55.31
Executive II	24.00	11.02	11.04	46.06	4.61	50.66
Executive I	21.50	9.87	9.89	41.26	4.13	45.38
Manager VI	23.60	10.83	10.86	45.29	4.53	49.82
Manager V	23.00	10.56	10.58	44.14	4.41	48.55
Manager IV	21.20	9.73	9.75	40.68	4.07	44.75
Manager III	20.90	9.59	9.61	40.11	4.01	44.12
Manager II	19.50	8.95	8.97	37.42	3.74	41.16
Manager I	18.80	8.63	8.65	36.08	3.61	39.68
Research Sci. V	27.30	12.53	12.56	52.39	5.24	57.63
Research Sci. IV	25.20	11.57	11.59	48.36	4.84	53.19
Research Sci. III	23.10	10.60	10.63	44.33	4.43	48.76
Research Sci. II	20.90	9.59	9.61	40.11	4.01	44.12
Research Sci. I	19.10	8.77	8.79	36.65	3.67	40.32
Supervisor VI	18.80	8.63	8.65	36.08	3.61	39.68
Supervisor V	17.30	7.94	7.96	33.20	3.32	36.52
Supervisor IV	16.90	7.76	7.77	32.43	3.24	35.67
Supervisor III	16.20	7.44	7.45	31.09	3.11	34.20
Supervisor II	14.90	6.84	6.85	28.59	2.86	31.45
Supervisor I	14.50	6.66	6.67	27.83	2.78	30.61
Geomorphologist	16.30	7.48	7.50	31.28	3.13	34.41
Archaeologist V	15.70	7.21	7.22	30.13	3.01	33.14
Archaeologist IV	14.50	6.66	6.67	27.83	2.78	30.61
Archaeologist III	13.50	6.20	6.21	25.91	2.59	28.50
Archaeologist II	12.60	5.78	5.80	24.18	2.42	26.60
Archaeologist I	11.50	5.28	5.29	22.07	2.21	24.28
Tech. Illust. III	14.00	6.43	6.44	26.87	2.69	29.55
Tech. Illust. II	13.10	6.01	6.03	25.14	2.51	27.65
Tech. Illust. I	12.10	5.55	5.57	23.22	2.32	25.54
Admin. V	15.40	7.07	7.08	29.55	2.96	32.51
Admin. IV	14.60	6.70	6.72	28.02	2.80	30.82
Admin. III	13.80	6.33	6.35	26.48	2.65	29.13
Admin. II	11.80	5.42	5.43	22.64	2.26	24.91
Admin. I	11.10	5.09	5.11	21.30	2.13	23.43
Sec/Clerical III	12.70	5.83	5.84	24.37	2.44	26.81
Sec/Clerical II	11.80	5.42	5.43	22.64	2.26	24.91
Sec/Clerical I	11.10	5.09	5.11	21.30	2.13	23.43

INFOTEC Research, Inc.
Billing Rates, Temporary Labor
Fiscal Year 1993
(10/01/92-09/30/93)

Labor Category	Hourly Gross Wages	Employee Benefits @ 14.8%	Technical Overhead @ 46.0%	Subtotal	Fee @ 10%	Total Billing Rate/hr
Prin. Investigator V	24.90	3.69	11.45	40.04	4.00	44.04
Prin. Investigator IV	22.20	3.29	10.21	35.70	3.57	39.27
Prin. Investigator III	19.40	2.87	8.92	31.20	3.12	34.31
Prin. Investigator II	17.80	2.63	8.19	28.62	2.86	31.48
Prin. Investigator I	16.10	2.38	7.41	25.89	2.59	28.48
Project Director VI	19.40	2.87	8.92	31.20	3.12	34.31
Project Director V	17.30					
Project Director IV	16.10	2.38	7.41	25.89	2.59	28.48
Project Director III	15.30	2.26	7.04	24.60	2.46	27.06
Project Director II	14.90	2.21	6.85	23.96	2.40	26.36
Project Director I	13.90	2.06	6.39	22.35	2.24	24.59
Archaeologist V	14.20	2.10	6.53	22.83	2.28	25.12
Archaeologist IV	13.10	1.94	6.03	21.06	2.11	23.17
Archaeologist III	12.50	1.85	5.75	20.10	2.01	22.11
Archaeologist II	11.50	1.70	5.29	18.49	1.85	20.34
Archaeologist I	10.50	1.55	4.83	16.88	1.69	18.57
Geomorphologist	16.30	2.41	7.50	26.21	2.62	28.83
Assoc. Geomorphologist	15.50	2.29	7.13	24.92	2.49	27.42
Asst. Geomorphologist	12.50	1.85	5.75	20.10	2.01	22.11
Cartographer III	16.60	2.46	7.64	26.69	2.67	29.36
Cartographer II	13.90	2.06	6.39	22.35	2.24	24.59
Cartographer I	12.50	1.85	5.75	20.10	2.01	22.11
Photographer	22.20	3.29	10.21	35.70	3.57	39.27
Assoc. Photog.	16.60	2.46	7.64	26.69	2.67	29.36
Photog. Spec.	14.40	2.13	6.62	23.16	2.32	25.47
Photog. Asst.	11.00	1.63	5.06	17.69	1.77	19.46
Sci. Illust/Drafts IV	14.90	2.21	6.85	23.96	2.40	26.36
Sci. Illust/Drafts. III	13.50	2.00	6.21	21.71	2.17	23.88
Sci. Illust/Drafts. II	12.50	1.85	5.75	20.10	2.01	22.11
Sci. Illust/Drafts. I	12.00	1.78	5.52	19.30	1.93	21.23
Admin. Assist. II	11.80	1.75	5.43	18.97	1.90	20.87
Admin. Assist. I	10.70	1.58	4.92	17.21	1.72	18.93
Editor II	14.00	2.07	6.44	22.51	2.25	24.76
Editor I	13.00	1.92	5.98	20.90	2.09	22.99
Clerk Typist III	11.50	1.70	5.29	18.49	1.85	20.34
Clerk Typist II	10.70	1.58	4.92	17.21	1.72	18.93
Clerk Typist I	10.00	1.48	4.60	16.08	1.61	17.69
Logistics Spec. II	13.10	1.94	6.03	21.06	2.11	23.17
Logistics Specialist I	12.50	1.85	5.75	20.10	2.01	22.11

GREENWOOD AND ASSOCIATES
1992 FEE SCHEDULE

Direct Labor	Wages	Labor Overhead	General and Administrative Overhead	Billable Rate
Senior Principal Investigator	45.00	18.00	28.35	91.35
Project Manager	33.00	13.20	20.79	66.99
Principal Investigator	25.00	10.00	15.75	50.75
Supervisory Archaeologist	18.75	7.50	11.81	38.06
Crew Chief	15.62	6.24	9.84	31.70
Field/Laboratory Technicians	12.50	5.00	7.87	25.37
Computer Specialist	15.62	6.24	9.84	31.70
Illustrator	15.62	6.24	9.84	31.70
Clerical	12.50	5.00	7.87	25.37
<p>Other Direct Costs</p> <p>Transportation - Personal vehicle @ 0.26 mi; Truck or Four-wheel drive @ 0.30 mi</p> <p>Per Diem - \$75/day</p> <p>Rentals - at cost</p> <p>Consultants - at cost</p> <p>Equipment and supplies - at cost</p> <p>Data duplication/report production - at cost</p> <p>Research Fees - at cost</p> <p>Fee @ 10%, Labor and Direct Costs</p>				