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**County of San Mateo  
County Manager's Office**

**Date:** March 1, 2001  
**Hearing Date** March 6, 2001

**TO:** The Honorable Board of Supervisors  
**FROM** Mary McMillan, Deputy County Manger  
**SUBJECT:** Green Building Demonstration Grant



**Recommendation:** Adopt a resolution to authorize the green building demonstration projects paid by the Solid Waste Fund reimbursed by the Integrated Waste Management Board grant in an amount not to exceed \$175,000.

Background

August 1999, your Board accepted a grant from the Integrated Waste Management Board (IWMB) in the amount of \$175,000 to conduct green building demonstration projects. The purpose of the grant is to assist the County in the development of and to recommend a model green building ordinance

Supervisor Rose Jacobs Gibson assembled a County Green Building Team to establish a process to allocate the limited grant funds consistent with the purpose and requirements of the IWMB grant. However, the IWMB grant funds are provided as a reimbursement for completed projects, requiring up-front funding through the County Solid Waste Fund.

Discussion

The County Green Building Team developed a process to allocate the limited funds consistent with the requirements of the IWMB grant. The County Green Building Team reviewed the proposals and prioritized the projects for funding.

To make the process both equitable and educational the County Green Building Team developed a Request for Proposal (RFP) that was issued on February 17, 2000 to County departments. To assist departments in submitting competitive applications attendance was required at a December 8, 2000 pre-proposal meeting that included a presentation on green building. Mr. David Mogavaro, an architect with extensive award winning experience in public and private green building projects conducted the meeting with 30 departmental representatives attending. A slide presentation by Mogavaro covered the wide range of green building possibilities and how to incorporate green building principles into County building and park projects, renovations and remodels.

Subsequently, nine applications for demonstration project funding were submitted. The following six green building projects were determined to meet the IWMB grant requirements and best demonstrate green building principles, were recommended to be funded through the grant.

**San Mateo County Green Building Demonstration Projects**

| <b>Project</b>  | <b>Description</b>  | <b>Green Building Principles/Materials</b>   | <b>Project Costs</b>                 |
|---|---|--|--------------------------------------|
| Flood Park Playground   | Rubberized asphalt was used to resurface playground to improve safety to ensure code compliance   | 100% recycled content material of rubberized asphalt made from tires   | \$150,000<br>\$25,000 in grant funds |
| Memorial Park Sanitary Sewer Pipe Replacement                                   | 2950 linear feet of sanitary sewer pipe replaced using recycled content pipe installed by threading to burst existing deteriorated pipe         | 100% recycled (HDPE) SDR 17 PE3408 pipe less expensive but 95% as durable as new product with life expectancy of 60 years eliminates deconstruction waste avoids disruptive and more costly retrenching  | \$125,000<br>\$64,494 in grant funds |
| County Child Care Center Playground Structure                                   | Replace existing wood playground structure to improve safety and bring into compliance  | Recycled content materials (Landscape Structures, Inc ISO 14001 Certified) 100% recycled plastic benches, decks, walls, rubber TuffTurf Tiles, and steel tubing and wire and aluminum posts<br>Decrease maintenance costs<br>Landscape with natural elements<br>Use of local materials<br>Deconstruction waste management<br>Educational signage | \$57,016<br>all grant funded         |
| Elkus Youth Ranch (1) Environmental Gateway and (2)Footpath and Bridge Projects | Elkus provides environmental education to Bay Area youth Gateway, bridge and path will take children from the road to the heart of the facility | Recycled content materials wood chips, Trex timber to be used for bridge lumber and rails, salvaged railroad ties, salvaged fencing from other University of California property, salvaged concrete<br>Recycled content plastic benches and tables<br>Educational signage  | \$27,490 all grant funded            |
| Training  | County green building workshop and presentation   | Introduced the concept, need and value of green building to all County staff   | \$1,000                              |

The remaining projects three projects could not meet the IWMB grant specifications

The County Green Building Team will monitor the success of the projects and upon their completion assist in the development of and recommend a model green building ordinance

RESOLUTION NO \_\_\_\_\_

**BOARD OF SUPERVISORS, COUNTY OF SAN MATEO, STATE OF CALIFORNIA**

**RESOLUTION TO AUTHORIZE COUNTY SOLID WASTE FUND AT AN AMOUNT NOT TO EXCEED \$175,000 TO INITIATE GREEN BUILDING DEMONSTRATION GRANT**

\*\*\*\*\*

Resolved, by the Board of Supervisors of the County of San Mateo, State of California, that

**WHEREAS**, the California Integrated Waste Management Board (IWMB) made a grant in the amount of \$175,000 to the County of San Mateo, August 1999 to demonstrate the value of green building,

**WHEREAS**, the terms of the grant require the funded projects be reimbursed requiring initial funding from the Solid Waste Fund, and

**NOW, THEREFORE BE IT RESOLVED**, that the San Mateo County Board of Supervisors authorize the use of the County Solid Waste Fund for the San Mateo Green Building Demonstration Projects to be reimbursed by the California Integrated Waste Management Board grant in the amount of \$175,000 and authorize the County Manager to execute said grant for and on behalf of the County of San Mateo

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# STANDARD AGREEMENT --

(REV 5-91)

APPROVED BY THE ATTORNEY GENERAL

ATTACHMENT A

|   |         |
|---|---------|
| CONTRACT NUMBER<br><b>IWM-C8088</b>               | ASLN NO |
| TAXPAYER'S FEDERAL EMPLOYER IDENTIFICATION NUMBER |         |

AGREEMENT made and entered into this 24<sup>th</sup> day of June 1999 by and between State of California through its duly elected or appointed qualified and acting

|  |  |                                    |
|--|--|------------------------------------|
| OFFICER ACTING FOR STATE<br><br>Executive Director | AGENCY<br>California Integrated Waste Management Board | hereafter called the State and     |
| CONTRACTOR'S NAME<br>City of San Mateo             |  | , hereafter called the Contractor. |

WITNESSETH: That the Contractor for and in consideration of the covenants conditions agreements, and stipulations of the State hereafter expressed, does hereby agree to furnish to the State all services, materials labor and equipment necessary to perform the work specified in the attached Scope of Work (Attachment A). Performance of this Agreement shall be provided in accordance with said Scope of Work and the General Terms and Conditions contained herein.

These services the State agrees to compensate the Contractor at the rates established in the Budget (Attachment B). The maximum amount payable under this Agreement shall not exceed \$175,000.00. Payment will be made monthly in arrears of service upon receipt of invoices in triplicate from the Contractor, as specified in the conditions of the Budget (Attachment B).

The State will withhold payment equal to ten (10) percent of each invoice until all work and other requirements are completed in accordance with this Agreement to the satisfaction of the State.

The term of this Agreement shall be for the period of approximately twenty-four (24) months commencing on June 24, 1999, or the date approved by Department of General Services, through May 15, 2001.

John Cronin is designated as the Board's Contract Manager. Her telephone number is: (916) 255-2179.

William Alan is the designated Project Director on behalf of the Contractor. Her telephone number is: (650) 363-4129.

CONTINUED ON \_\_\_\_\_ SHEETS, EACH BEARING NAME OF CONTRACTOR AND CONTRACT NUMBER.

Provisions on the reverse side hereof constitute a part of this Agreement.

IN WITNESS WHEREOF, this agreement has been executed by the parties hereto upon the date first above written.

|   |  |
|---|--|
| <b>STATE OF CALIFORNIA</b>                          | <b>CONTRACTOR</b>  |
| City of San Mateo Integrated Waste Management Board | CONTRACTOR (If other than an individual state whether a corporation, partnership, etc.)<br>County of San Mateo |
| AUTHORIZED SIGNATURE<br><i>[Signature]</i>          | BY (AUTHORIZED SIGNATURE)<br><i>[Signature]</i>  |
| PRINTED NAME OF PERSON SIGNING<br>John E. Chandler  | PRINTED NAME AND TITLE OF PERSON SIGNING<br>John Maltbie County Manager  |
| Executive Director                                  | ADDRESS<br>County of San Mateo, Cnty., Govt. Center, Redwood City, CA 94063                                    |

|   |  |                    |
|---|--|--------------------|
| AMOUNT ENCUMBERED BY THIS CONTRACT  | PROGRAM/CATEGORY (CODE AND TITLE)        | FUND TITLE         |
| 000.00  | (OPTIONAL USE)                           | IWM Clearing Acct. |
| AMOUNT ENCUMBERED FOR CONTRACT  | ITEM                                     | CHAPTER            |
| 00.00   | 3910-001-387                             | 324                |
|   | STATUTE                                  | FISCAL YEAR        |
|   | 1998                                     | 1998-99            |
| AMOUNT ENCUMBERED TO  | OBJECT OF EXPENDITURE (CODE AND TITLE)   |                    |
| 00.00   | 3011/30000/418 Consulting & Professional |                    |
| OFFICER CERTIFY Upon my own personal knowledge that budgeted funds are available for the period and purpose of the expenditure stated above | T.B.A. NO                                | B.R. NO            |
| ACCOUNTING OFFICER<br><i>[Signature]</i>  | DATE<br>June 24, 1999                    |                    |

Department of General Services Use Only

**APPROVED**

**AUG 25 1999**

DEPT OF GENERAL SERVICES  
*[Signature]*