

CONT. TO 6-21-88

JUN 14 1988

BY THE CITY COUNCIL
OFFICE OF THE
CITY CLERK

34

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DEPARTMENT OF
PUBLIC WORKS

ENGINEERING DIVISION

THOMAS M. FINLEY
ENGINEERING DIVISION MANAGER

CITY OF SACRAMENTO
CALIFORNIA

927 TENTH STREET
ROOM 200
SACRAMENTO, CA
95814-2705

916-449-8220

CONSTRUCTION SECTION
640 BERKUT DRIVE
SUITE B
SACRAMENTO, CA
95814-0131

916-449-5282

APPROVED
BY THE CITY COUNCIL

JUN 21 1988

OFFICE OF THE
CITY CLERK

June 14, 1988

City Council
Sacramento, California

Honorable Members In Session:

SUBJECT: Laguna Creek Assessment District (JN:15AD, IP No. 5497) - Contract
Award

SUMMARY

It is recommended that the City Council adopt the attached resolution approving Contract Award.

BACKGROUND

Bids for the construction of Laguna Creek Assessment District were received on May 10, 1988. On May 31, 1988, the City Council adopted various resolutions which approved the formation of the assessment district and started the 30-day cash collection period. The issuance of bonds will take place on or about July 12, 1988. City staff has reviewed the bids and recommends that the contract be awarded to Granite Construction Co. in the amount of \$6,249,977.00.

The State Reclamation Board requires that no work be done in the floodway and vernal pool areas from November 1, 1988 to April 15, 1989. It is imperative that the contractor begin work as soon as possible, so that the floodplain modification and vernal pool restoration can be completed by November 1, 1988. Part of the Special Provisions, Section SP-36 of the Contract Specifications, for Laguna Creek Assessment District reads as follows: "If contract award is made prior to bond sale, no payment shall be made for work of any nature performed on this project until bonds are sold. If bonds are not sold, no payment or other compensation shall be made under the contract". Granite Construction is aware of the provision of Section SP-36 and has asked that the City award the contract before the sale of bonds. (See Attachment A).

City Council
Laguna Creek Assessment District
Award of Contract
June 14, 1988
Page 2

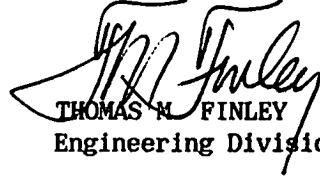
FINANCIAL

The award of the contract will not obligate the City to advance funds to the contractor until bonds are sold.

RECOMMENDATION

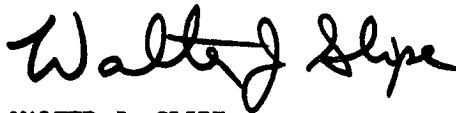
It is recommended that the contract be awarded to Granite Construction Co. in the amount of \$6,249,977.00 by adoption of the attached Resolution of Award.

Respectfully submitted,



THOMAS M. FINLEY
Engineering Division Manager

Recommendation Approved:



WALTER J. SLIPE
City Manager

Approved:



MELVIN H. JOHNSON
Director of Public Works

REW:yg
RE2-33.C
06.0888

June 14, 1988
District No. 7

Attachments

**GRANITE
CONSTRUCTION
COMPANY**

May 25, 1988

Real Estate & Assessments
City of Sacramento
927 10th Street
Sacramento, CA

Attn: Irvin Morraes

Re: Laguna Creek Assessment District

Gentlemen:

Due to the time restraints imposed by the Reclamation Board, we would like to begin work on the Laguna Creek Assessment District as soon as possible.

We are currently investigating the possibility of one of the property owners underwriting any construction costs we would incur prior to the sale of bonds. We would also like to request a Resolution of Award from the City so we can begin work as soon as we have a commitment for payment.

Please let me know when we can expect this Resolution of Award. Thank you for your help in this matter.

Sincerely,

GRANITE CONSTRUCTION COMPANY



Michael F. McKernan
Project Manager

cc: Craig Hamner
Resident Engineer

MM/ltp



RESOLUTION NO. 88-515

ADOPTED BY THE SACRAMENTO CITY COUNCIL ON DATE OF

APPROVED BY THE CITY COUNCIL

JUN 21 1988

OFFICE OF THE CITY CLERK

A RESOLUTION OF AWARD OF CONTRACT LAGUNA CREEK ASSESSMENT DISTRICT

BE IT RESOLVED, by the City Council of the City of Sacramento, County of Sacramento, California, that

WHEREAS, the City Clerk of this City did in open session on the 10th day of May, 1988, publicly examine and declare all sealed proposals or bids for the work to be done and improvements to be made, as described and specified in the Engineer's Report approved by the City Council on April 12, 1988, by Resolution No. 88-803, to which report reference is hereby made for a description of the work and improvements to be done and the materials, supplies and equipment to be furnished therefore; and

WHEREAS, the results of said bids were reported to this Council at its meeting on May 31st, 1988.

NOW, THEREFORE, IT IS ORDERED, as follows:

- 1. That this Council hereby rejects all of said proposals or bids, except that hereinafter mentioned, and hereby awards the contract for doing the work and improvements and furnishing the supplies, materials and equipment necessary therefor, to the lowest responsible bidder, to wit:

Granite Construction Co.

at the unit prices named in their bid and subject to the provision of Section SP-36 of the Special Provisions relating to the award of contract.

- 2. That the City Manager of said City is hereby authorized to make and enter into a written contract with said successful bidder, and to receive and approve all bonds in connection therewith, and the City Clerk of said City is hereby directed to attest her signature and affix thereto the official seal of said City.
3. That the City Clerk shall, within five (5) days of the adoption of this resolution, transmit an Extract of Public Works Contract Award to the Division of Apprenticeship Standards, P.O. Box 603, San Francisco, California 94101. Should a discrepancy regarding the ratio of apprentices to journeymen be made, the City shall notify the Division of Apprenticeship Standard of such findings.

This resolution was passed and adopted by the City Council of the City of Sacramento, County of Sacramento, State of California, this 21st day of June, 1988.

MAYOR

ATTEST:

CITY CLERK

RESOLUTION NO.

ADOPTED BY THE SACRAMENTO CITY COUNCIL ON DATE OF

A RESOLUTION OF AWARD OF CONTRACT LAGUNA CREEK ASSESSMENT DISTRICT

BE IT RESOLVED, by the City Council of the City of Sacramento, County of Sacramento, California, that

WHEREAS; the City Clerk of this City did in open session on the 10th day of May, 1988, publicly examine and declare all sealed proposals or bids for the work to be done and improvements to be made, as described and specified in the Engineer's Report approved by the City Council on April 12, 1988, by Resolution No. 88-803, to which report reference is hereby made for a description of the work and improvements to be done and the materials, supplies and equipment to be furnished therefore; and

WHEREAS, the results of said bids were reported to this Council at its meeting on May 31st, 1988.

NOW, THEREFORE, IT IS ORDERED, as follows:

1. That this Council hereby rejects all of said proposals or bids, except that hereinafter mentioned, and hereby awards the contract for doing the work and improvements and furnishing the supplies, materials and equipment necessary therefor, to the lowest responsible bidder, to wit:

Granite Construction Co.

at the unit prices named in their bid and subject to the provision of Section SP-36 of the Special Provisions relating to the award of contract.

2. That the City Manager of said City is hereby authorized to make and enter into a written contract with said successful bidder, and to receive and approve all bonds in connection therewith, and the City Clerk of said City is hereby directed to attest her signature and affix thereto the official seal of said City.
3. That the City Clerk shall, within five (5) days of the adoption of this resolution, transmit an Extract of Public Works Contract Award to the Division of Apprenticeship Standards, P.O. Box 603, San Francisco, California 94101. Should a discrepancy regarding the ratio of apprentices to journeymen be made, the City shall notify the Division of Apprenticeship Standard of such findings.

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY

RESEARCH REPORT
NO. 1234

The following data were obtained from the study of the reaction of hydrogen peroxide with various metal ions in the presence of a catalyst. The reaction rate was measured by the volume of oxygen gas evolved over a period of ten minutes. The results are shown in the table below.

Metal Ion	Reaction Rate (ml O ₂ /min)
Cu ²⁺	1.2
Fe ²⁺	0.8
Mn ²⁺	0.5
Zn ²⁺	0.3
Ni ²⁺	0.2

It is evident from the above data that the reaction rate is highest for Cu²⁺ and lowest for Ni²⁺. This is probably due to the fact that Cu²⁺ has a higher oxidation potential than Ni²⁺, and therefore is a more effective catalyst for the decomposition of hydrogen peroxide.

The effect of the concentration of the metal ion on the reaction rate was also studied. The results are shown in the table below. It is seen that the reaction rate increases with increasing concentration of the metal ion, but the increase is not linear.

Concentration (M)	Reaction Rate (ml O ₂ /min)
0.01	0.2
0.02	0.4
0.05	0.8
0.10	1.2

The above results indicate that the reaction is first order with respect to the concentration of the metal ion. This is in agreement with the proposed mechanism for the reaction, which involves the formation of a metal-peroxide complex.

This resolution was passed and adopted by t he City Council of the City of Sacramento, County of Sacramento, State of California, this 14th day of June, 1988.

MAYOR

ATTEST:

CITY CLERK

June 22, 1988

Ford Construction Co Inc.
639 E. Lockeford St
Lodi, CA 95240

Gentlemen:

This is to inform you that you were not the successful bidder for the Laguna Creek Assessment District. Therefore, we are returning your bond in the amount of ten percent.

The said bid having been awarded by the City Council at the regular meeting of June 21, 1988 to Granite Construction.

Sincerely,

LORRAINE MAGANA, CITY CLERK

Anne Mason
Assistant City Clerk

LM/mls/34

Enclosure: Bond issued by Reliance Insurance Company

June 22, 1988

Grade-Way/Dorfman
4811 Chippendale Dr #103
Sacramento CA 95841

Gentlemen:

This is to inform you that you were not the successful bidder for the Laguna Creek Assessment District. Therefore, we are returning your bond in the amount of ten percent.

The said bid having been awarded by the City Council at the regular meeting of June 21, 1988 to Granite Construction.

Sincerely,

LORRAINE MAGANA, CITY CLERK

Anne Mason
Assistant City Clerk

LM/mls/34

Enclosure: Bond issued by Fireman's Fund Ins. Co.

June 22, 1988

Kiewit Pacific Co.
5000 Marsh Drive
Concord CA 94520

Gentlemen:

This is to inform you that you were not the successful bidder for the Laguna Creek Assessment District. Therefore, we are returning your bond in the amount of ten percent.

The said bid having been awarded by the City Council at the regular meeting of June 21, 1988 to Granite Construction.

Sincerely,

LORRAINE MAGANA, CITY CLERK

Anne Mason
Assistant City Clerk

LM/mls/34

Enclosure: Bond issued by Aetna Life & Casualty

June 22, 1988

Dutra Construction Co. Inc.
P.O. Box 338
Rio Vista CA 94571

Gentlemen:

This is to inform you that you were not the successful bidder for the Laguna Creek Assessment District. Therefore, we are returning your bond in the amount of ten percent.

The said bid having been awarded by the City Council at the regular meeting of June 21, 1988 to Granite Construction.

Sincerely,

LORRAINE MAGANA, CITY CLERK

Anne Mason
Assistant City Clerk

LM/mls/34

Enclosure: Bond issued by Safeco Ins Co of America

June 22, 1988

Teichert Construction
P.O. Box 15002
Sacramento CA 95851

Gentlemen:

This is to inform you that you were not the successful bidder for the Laguna Creek Assessment District. Therefore, we are returning your bond in the amount of ten percent.

The said bid having been awarded by the City Council at the regular meeting of June 21, 1988 to Granite Construction.

Sincerely,

LORRAINE MAGANA, CITY CLERK

Anne Mason
Assistant City Clerk

LM/mls/34

Enclosure: Bond issued by American International Co.

