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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 BERGUT DRIVE  
SUITE B  
SACRAMENTO, CA  
95814-0131

916-449-5282

October 26, 1989

Budget and Finance Committee  
Sacramento, California

Honorable Members In Session:

SUBJECT: Establish a New C.I.P. Titled Natomas West Assessment District  
- Project Approval; Fund Appropriation; and Approval of  
Agreements for Environmental Document Preparation (JN:9733)

SUMMARY

Attached is a consultant agreement with Jones and Stokes Associates, for preparation and processing of an environmental document for the Natomas West Assessment District. The City has received an initial deposit of \$61,300 from developers for sharing in 50% of the consultant cost of environmental document preparation plus contingencies. Project approval, fund appropriation and approval of the consultant agreement is recommended.

BACKGROUND

The proposed Natomas West Assessment District is located in the South Natomas area of the City and County of Sacramento, north of the Sacramento River, west of Interstate 5, and south of Interstate 80 (see attached map). The proposed Assessment District would provide sanitary sewer, stormwater drainage, and potable water services to the 488 acre tract as shown on the attached map. Street construction will also be included.

Prior to development occurring in the area, it is necessary to process and obtain approval of an environmental document for the proposed project. Traffic circulation, vegetation and wildlife resources and cultural resources are some of the major issues that will be studied in detail. Environmental document preparation and processing will be performed by Michael A. Melanson and Jones and Stokes Associates.

Budget and Finance Committee

Establish a New C.I.P. Titled Natomas West Assessment District - Project Approval; Fund Appropriation; and Approval of Agreements for Environmental Document Preparation (JN:9733)

October 26, 1989

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Project proponents have invested significantly in preliminary engineering and other studies to date and have agreed to fund 50% of consultant environmental document preparation costs. The City will fund the first \$60,000 of those costs. All costs will be reimbursed upon formation of the Assessment District. If the District is not formed, the City and private parties will not be reimbursed. Concerns involving Sacramento and American River flood flows and levee stability could adversely affect Assessment District formation and the ability to sell bonds.

FINANCIAL DATA

The project is not currently budgeted. It is proposed that \$131,300 in Storm Drainage Contingency Reserve funds (Fund 425) be appropriated to cover consultant and in-house staff costs for environmental document preparation and processing. The City has received and deposited \$61,300 in to the Storm Drainage fund to cover the Developers portion of the EIR costs plus contingencies. The consultant agreement with Jones and Stokes Associates is for an amount of \$94,783.00.

POLICY CONSIDERATIONS

Providing a City contribution towards preliminary engineering and environmental document preparation for major assessment district projects conforms to existing policy and procedure.

MBE/WBE EFFORTS

The environmental consultants are not MBE/WBE firms. They were selected due to their expertise and knowledge of the project area.

Budget and Finance Committee  
Establish a New C.I.P. Titled Natomas West Assessment District - Project  
Approval; Fund Appropriation; and Approval of Agreements for  
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October 26, 1989  
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RECOMMENDATION

It is recommended that the Budget and Finance Committee forward this report to the full City Council and recommend approval of the agreements and fund appropriation by passage of the attached resolution.


Respectfully submitted,

  
THOMAS M. FINLEY  
Engineering Division Manager

Recommendation Approved:

  
JACK R. CRIST  
Deputy City Manager

Approved:

  
MELVIN H. JOHNSON  
Director of Public Works

CONTACT PERSON:  
N. Dee Lewis, Supervising Engineer  
Phone: (916) 449-8230

October 26, 1989  
District No. 1

NDL:vr:rh:ec  
ED3-07.E  
10.1389.6

Attachment

# RESOLUTION NO.

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF \_\_\_\_\_

RESOLUTION AMENDING 1988/89 DRAINAGE CIP PROGRAM,  
APPROPRIATING FUNDS AND APPROVING AGREEMENTS  
FOR ENVIRONMENTAL DOCUMENT PREPARATION  
FOR THE  
NATOMAS WEST ASSESSMENT DISTRICT  
(JN:9733)

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF SACRAMENTO:

1. That the 1989/90 Drainage CIP Program be amended by addition of the Natomas West Assessment District.
2. That the Contingency and Revenue Budget for the Storm Drainage fund 425 be increased by \$61,300 to reflect the deposit received from developers (CR24344):

|                     |                   |          |
|---------------------|-------------------|----------|
| Contingency Reserve | 425-710-7012-4999 | \$61,300 |
| Revenue Budget      | 425-500-XXXX-3709 | \$61,300 |

3. That funds be appropriated to the project from the Storm Drainage Contingency Reserve Fund (425-710-7012-4999) as follows:

|                |                   | <u>City</u>     | <u>Developer</u> |
|----------------|-------------------|-----------------|------------------|
| Consultant     | 425-500-XXXX-4802 | \$54,892        | \$54,892         |
| Direct Labor   | 425-500-XXXX-4880 | 3,500           |                  |
| Benefits       | 425-500-XXXX-4881 | 1,500           |                  |
| Indirect Labor | 425-500-XXXX-4831 | 5,000           |                  |
| Contingency    | 425-500-XXXX-4414 | <u>5,108</u>    | <u>6,408</u>     |
|                |                   | <u>\$70,000</u> | <u>\$61,300</u>  |

TOTAL      \$131,300

These funds shall be reimbursed upon formation of the assessment district.

FOR CITY CLERK USE ONLY

RESOLUTION NO.: \_\_\_\_\_

DATE ADOPTED: \_\_\_\_\_

- 4. That the consultant agreement with Jones and Stokes Associates in an amount of \$94,783 is hereby approved.

\_\_\_\_\_  
MAYOR

ATTEST:

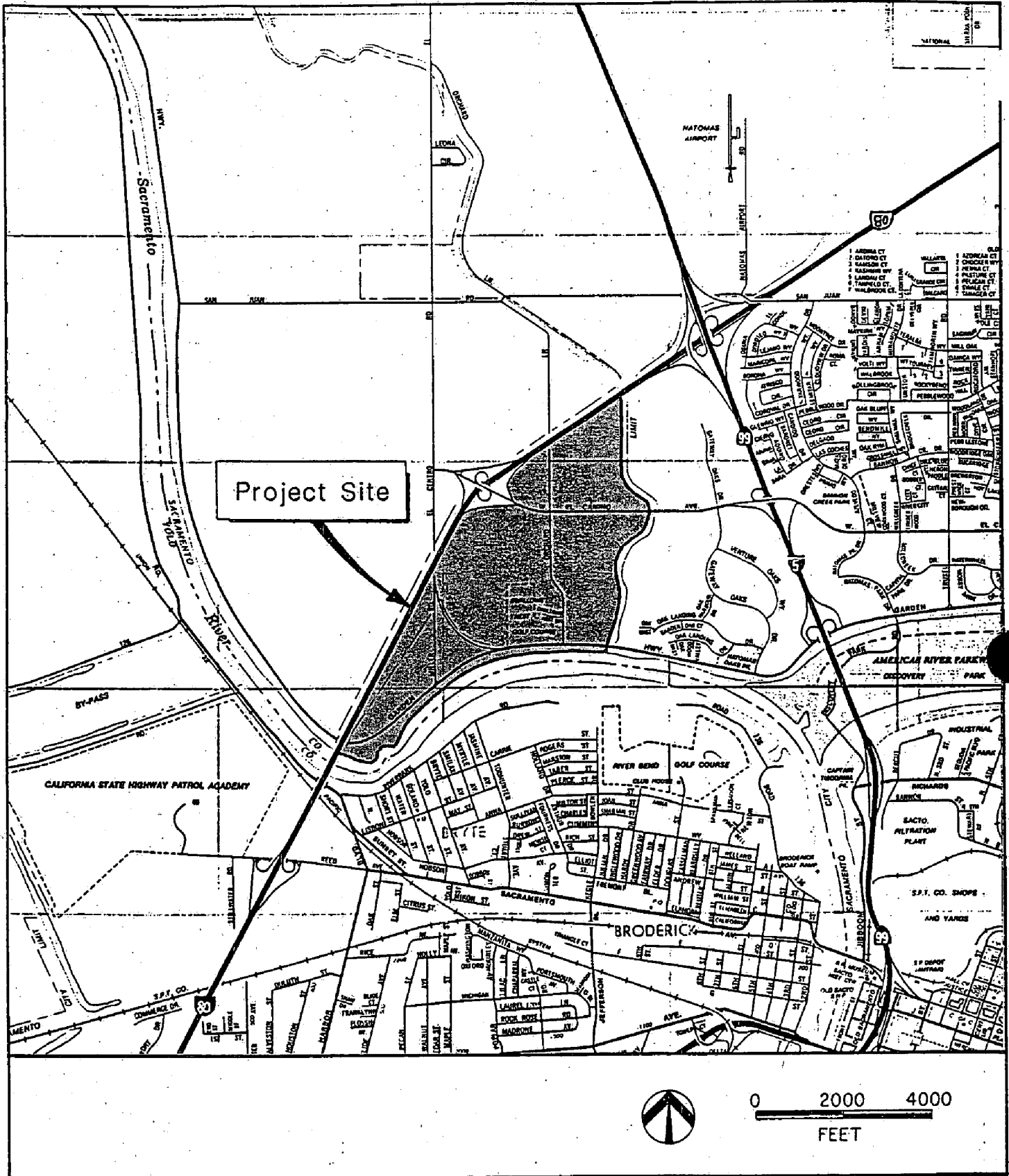
\_\_\_\_\_  
CITY CLERK

NDL:vr:rh:ec  
ED3-07.E

\_\_\_\_\_  
FOR CITY CLERK USE ONLY

RESOLUTION NO.: \_\_\_\_\_

DATE ADOPTED: \_\_\_\_\_



Project Site



0 2000 4000  
FEET

Department: Public Works  
Division: Engineering

PN/JN NO.: 9733  
Proj. Name: Natomas West  
Assessment District  
Location: South Natomas Area,  
West of Natomas Main  
Drainage Canal and  
North of the  
Sacramento River

CITY OF SACRAMENTO

CONSULTANT AND PROFESSIONAL SERVICES AGREEMENT

THIS AGREEMENT is made at Sacramento, California, as of \_\_\_\_\_, 19\_\_\_\_, by and between the CITY OF SACRAMENTO, a municipal corporation ("City") and

Jones & Stokes Associates

(Consultant)

|                         |                   |                   |              |
|-------------------------|-------------------|-------------------|--------------|
| <u>1725-23rd Street</u> | <u>Sacramento</u> | <u>California</u> | <u>95816</u> |
| (Address)               | (City)            | (State)           | (Zip)        |

("Consultant"), who agree as follows:

- Services.** Subject to the terms and conditions set forth in this Agreement, Consultant shall provide to City the services described in Exhibit A. Consultant shall provide said services at the time, place, and in the manner specified in Exhibit A. The Consultant shall not be compensated for services outside the scope of Exhibit "A" unless prior to the commencement of such services: (a) Consultant notifies the City that such service is deemed an additional service and Consultant estimates the additional compensation required for this activity; and (b) the City, after notice, approves the additional service and amount of compensation therefor.
- Payment.** City shall pay Consultant for services rendered pursuant to this Agreement at the times and in the manner set forth in Exhibit B. The payments specified in Exhibit B shall be the only payments to be made to Consultant for services rendered pursuant to this Agreement unless pursuant to paragraph 1 above, City approves additional compensation for additional services. Consultant shall submit all billings for said services to City in the manner specified in Exhibit B; or, if no manner be specified in Exhibit B, then according to the usual and customary procedures and practices which Consultant uses for billing clients similar to City.

AGR1-03.B  
04.2089.1

3. Facilities and Equipment. Except as set forth in Exhibit C, Consultant shall, at its sole cost and expense, furnish all facilities and equipment which may be required for furnishing services pursuant to this Agreement. City shall furnish to Consultant only the facilities and equipment listed in Exhibit C according to the terms and conditions set forth in Exhibit C.
4. General Provisions. The general provisions set forth in Exhibit D, which include insurance requirements, are part of this Agreement. In the event of any inconsistency between said general provisions and any other terms or conditions of this Agreement, this Agreement shall control over the general provisions.
5. City Representative. The City Representative specified in Exhibit A, or the representative's designee, shall administer this Agreement for the City.
6. Exhibits. All exhibits referred to herein are attached hereto and are by this reference incorporated herein.

Executed as of the day first above stated.

CITY OF SACRAMENTO  
A municipal corporation

CONSULTANT: Jones & Stokes Associates

CITY:

\_\_\_\_\_  
Director of Public Works  
(Title)

*[Signature]*  
\_\_\_\_\_  
President  
(Consultant Title)

APPROVED AS TO FORM:

*[Signature]*  
\_\_\_\_\_  
CITY ATTORNEY

1725-23rd Street  
(Address)  
Sacramento, CA 95816  
(City/State/Zip)

ATTEST:

\_\_\_\_\_  
CITY CLERK

Attachments:  
Exhibit A      Exhibit C  
Exhibit B      Exhibit D

EXHIBIT A

CONSULTANT AND PROFESSIONAL SERVICES AGREEMENT

REPRESENTATIVES AND SERVICES TO BE PROVIDED

BY Jones & Stokes Associates

1. Representatives:

The City Representative for this Agreement is:

|                       |                                 |                 |
|-----------------------|---------------------------------|-----------------|
| <u>Andrew A. Hunt</u> | <u>Associate Civil Engineer</u> | <u>449-5065</u> |
| (Name)                | (Title)                         | (Telephone)     |

All consultant questions pertaining to this Agreement will be referred to the above named person, or the representative's designee.

The Consultant Representative for this Agreement is:

|                     |                               |                 |
|---------------------|-------------------------------|-----------------|
| <u>Kim C. Smith</u> | <u>Project Manager of EIR</u> | <u>444-5638</u> |
| (Name)              | (Title)                       | (Telephone)     |

All City questions pertaining to this Agreement will be referred to the above named person. All correspondence to the City will be addressed to:

City of Sacramento  
Department of Public Works  
Engineering Division  
927 - 10th Street, Room 300  
Sacramento, CA 95814

Attn: Andrew A. Hunt

2. Services to be provided are specified below:

Services to be provided shall be as indicated in the letter of proposal, dated September 8, 1989, attached hereto.

EXHIBIT B

CONSULTANT AND PROFESSIONAL SERVICES AGREEMENT

WITH Jones & Stokes Associates

FEE SCHEDULE / MANNER OF PAYMENT

City shall pay Consultant for services rendered pursuant to this agreement at the time and in the manner set forth as follows:

City shall pay Consultant for actual hours worked (by Consultant and subconsultants), travel expenses, expenses, equipment and supplies used based on the standard hourly billing rates for the work to be performed in accordance with the "Scope of Work: in Exhibit A of this agreement.

The total amount of this Consultant and Professional Services Agreement shall not exceed \$94,783.

Consultant shall submit a statement for services rendered on a monthly basis. The invoice shall follow the format used in the "Project cost estimate" and must be accompanied by written progress reports which describe the work performed in the period covered by the invoice. Miscellaneous, printing and travel expenses must be itemized on each invoice. Invoices may not exceed actual expenses incurred by the Consultant.

Advance payments are not permitted. All payments will be in arrears. The Consultant will be reimbursed as promptly as fiscal procedures will permit upon receipt of itemized invoices in triplicate.

City shall make no payment for additional services or expenses unless such services and expenses are approved in advance by the City.

Request for payment shall be sent to:

City of Sacramento  
Department of Public Works  
Engineering Division  
927 - 10th Street, Room 300  
Sacramento, CA 95814  
Attn: Andrew A. Hunt

Ref: JN:9733

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**EXHIBIT C**

**CONSULTANT AND PROFESSIONAL SERVICES AGREEMENT**

**WITH Jones & Stokes Associates**

**FACILITIES AND EQUIPMENT TO BE PROVIDED BY CITY**

The City will not furnish facilities or equipment for this Agreement.

If facilities and equipment are to be furnished, specify below:

N/A

EXHIBIT D

GENERAL PROVISIONS

1. Independent Contractor. At all times during the term of this Contract, Consultant shall be an independent Contractor and shall not be an employee of the City. City shall have the right to control Consultant only insofar as the results of Consultant's services rendered pursuant to this Contract; however, City shall not have the right to control the means by which Consultant accomplishes services rendered pursuant to this Agreement.
2. Licenses; Permits; Etc. Consultant represents and warrants to City that he has all licenses, permits, qualifications and approvals of whatsoever nature which are legally required for Consultant to practice its profession. Consultant represents and warrants to City that Consultant shall, at its sole cost and expense, keep in effect or obtain at all times during the term of this Agreement any licenses, permits, and approvals which are legally required for Consultant to practice its profession.
3. Time. Consultant shall devote such time to the performance of services pursuant to this Agreement as may be reasonably necessary for satisfactory performance of Consultant's obligations under this Agreement. Neither party shall be considered in default of this Agreement to the extent performance is prevented or delayed by any cause, present or future, which is beyond the reasonable control of the party.
4. Consultant Not Agent. Except as City may specify in writing, Consultant shall have no authority, express or implied, to act on behalf of City in any capacity whatsoever as an agent. Consultant shall have no authority, express or implied, pursuant to this Agreement to bind City to any obligation whatsoever.
5. Assignment Prohibited. No party to this Agreement may assign any right or obligation pursuant to this Agreement. Any attempted or purported assignment of any right or obligation pursuant to this Agreement shall be void and of no effect.
6. Personnel. Consultant shall assign only competent personnel to perform services pursuant to this Agreement. In the event that City, in its sole discretion, at any time during the term of this Agreement, desires the removal of any person or persons assigned by Consultant to perform services pursuant to this Agreement, Consultant shall remove any such person immediately upon receiving notice from City of the desire of City for the removal of such person or persons.
7. Standard of Performance. Consultant shall perform all services required pursuant to this Agreement in the manner and according to the standards observed by a competent practitioner of the profession in California. All products of whatsoever nature which Consultant delivers to City pursuant to this Agreement shall be prepared in a workmanlike manner and conform to the standards of quality normally observed by a person practicing in Consultant's profession.

- 8. **Termination.** City shall have the right to terminate this Agreement at any time by giving notice of such termination to Consultant. In the event City shall give such notice of termination, Consultant shall immediately cease rendering services pursuant to this Agreement.

In the event City shall terminate this Agreement:

- (1) Consultant shall deliver copies of all writings prepared by it pursuant to this Agreement. The term "writings" shall be construed to mean and include:

handwriting, typewriting, printing, photostating, photographing, and every other means of recording upon any tangible thing any form of communication or representation, including letter, works, pictures, drawings, sounds, or symbols, or combinations thereof.

- (2) City shall have full ownership and control of all such writings delivered by Consultant pursuant to this Agreement.

- (3) City shall pay Consultant the reasonable value of services rendered by Consultant pursuant to this Agreement; provided, however, City shall not in any manner be liable for lost profits which might have been made by Consultant had Consultant completed the services required by this Agreement. In this regard, Consultant shall furnish to City such financial information as in the judgment of the City Representative is necessary to determine the reasonable value of the services rendered by Consultant. In the event of a dispute as to the reasonable value of the services rendered by Consultant, the decisions of the Director of the City Department administering this Agreement shall be final. The foregoing is cumulative and does not affect any right or remedy which City may have in law or equity.

- 9. **Indemnity and Hold Harmless** The Consultant shall assume the defense of, and indemnify and save harmless, the City, its officers, employees, and agents, and each and every one of them, from and against all actions, damages, costs, liability, claims, losses, and expenses of every type and description to which any or all of them may be subjected, by reason of, or resulting from, directly or indirectly, the performance of this contract by Consultant whether within or without the scope of this contract. The foregoing shall include, but not be limited to, any attorney fees reasonably incurred by City.

- 10. **Equal Employment Opportunity** During the performance of this agreement, Consultant, for itself, its assignees and successors in interest, agrees as follows:

- A. **Compliance With Regulations:** Consultant shall comply with the Executive Order 11246 entitled "Equal Employment Opportunity", as amended by Executive Order 11375, and as supplemented in Department of Labor regulations (41 CFR Part 60), hereinafter referred to as the "Regulations".

B. **Nondiscrimination:** Consultant, with regard to the work performed by it after award and prior to completion of the work pursuant to this agreement, shall not discriminate on the ground of race, color, religion, sex, national origin, age, marital status, physical handicap or sexual preference in the selection and retention of subcontractors, including procurement of materials and leases of equipment. Consultant shall not participate either directly or indirectly in discrimination prohibited by the Regulations.

C. **Solicitations for Subcontractors, Including Procurement of Materials and Equipment:** In all solicitations either by competitive bidding or negotiations made by Consultant for work to be performed under any subcontract, including procurement of materials or equipment, each potential subcontractor or supplier shall be notified by Consultant of Consultant's obligation under this Agreement and the Regulations relative to nondiscrimination on the ground of race, color, religion, sex, national origin, age, martial status, physical handicap or sexual preference.

D. **Information and Reports:** Consultant shall provide all information and reports required by the Regulations, or orders and instructions issued pursuant thereto, and will permit access to its books, records, accounts, other sources of information and its facilities as may be determined by the City of Sacramento to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of Consultant is in the exclusive possession of another who fails or refuses to furnish this information, Consultant shall so certify to the City of Sacramento, and shall set forth what efforts it has made to obtain the information.

E. **Sanctions for Noncompliance:** In the event of noncompliance by Consultant with the nondiscrimination provisions of this agreement, the City of Sacramento shall impose such contract sanctions as it may determine to be appropriate including, but not limited to:

- (1) Withholding of payments to Consultant under the contract until consultant complies;
- (2) Cancellation, termination, or suspension of the agreement, in whole or in part.

F. **Incorporation of Provisions:** Consultant shall include the provisions of Paragraphs A through E in every subcontract, including procurement of materials and leases of equipment, unless exempt by Regulations, order, or instructions issued pursuant thereto. Consultant shall take such action with respect to any Regulations, order or instructions issued pursuant thereto. Consultant shall take such action with respect to any subcontract or procurement as the City of Sacramento may direct as a means of enforcing such provisions including sanctions for noncompliance; provided, however, that in the event Consultant becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction,

Consultant may request City to enter such litigation to protect the interests of City.

- 11. Insurance Requirements. During the duration of this Agreement Consultant shall maintain the following noted insurance:

| <u>Coverage</u>                               | <u>Required</u> | <u>Not Required</u> |
|---|-----------------|---------------------|
| Broad Form Comprehensive Liability            | <u>X</u>        | —                   |
| Business Auto Liability                       | <u>X</u>        | —                   |
| Workers' Compensation & Employers' Liability  | <u>X</u>        | —                   |
| Professional Liability (Errors and Omissions) | <u>X</u>        | —                   |

A. Minimum Scope of Insurance

Coverage shall be at least as broad as:

- (1) Insurance Services Office form number GL 0404 (Broad Form Comprehensive General Liability);
- (2) Insurance Services Office form number CA 0001 (Ed. 1/78) (Automobile Liability, code 1 "any auto");
- (3) Workers' Compensation as required by the Labor Code of the State of California, and Employers' Liability insurance.
- (4) Professional Liability (Errors and Omissions) insurance against loss due to error, omission or malpractice.

B. Minimum Limits of Insurance

Consultant shall maintain limits no less than:

- (1) Comprehensive General Liability: \$1,000,000 combined single limit per occurrence for bodily injury, personal injury and property damage.
- (2) Automobile Liability: \$1,000,000 combined single limit per accident for bodily injury and property damage.
- (3) Workers' Compensation and Employers' Liability: Workers' compensation limits as required by the Labor Code of the State of California and Employers' Liability limits of \$2,000,000 per accident.
- (4) Professional Liability (Errors and Omission): \$1,000,000 combined single limit per occurrence.

C. Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the City.

D. Other Insurance Provisions

The policies are to contain, or be endorsed to contain, the following provisions:

(1) General Liability and Automobile Liability Coverages

- a. The City, its officials, employees and volunteers are to be covered as insured as respects: liability arising out of activities performed by or on behalf of the Consultant; products and completed operations of the Consultant; premises owned, leased or used by the Consultant; or automobiles owned, leased, hired or borrowed by the Consultant. The coverage shall contain no special limitations on the scope of protection afforded to the City, its officials, employees or volunteers.
- b. The Consultant's insurance coverage shall be primary insurance as respects the City, its officials, employees and volunteers. Any insurance or self-insurance maintained by the City, its officials, employees or volunteers shall be excess of Consultant's insurance and shall not contribute with it.
- c. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the City, its officials, employees or volunteers.
- d. Coverage shall state that Consultant's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

(2) Workers' Compensation and Employers' Liability Coverages

The insurer shall agree to waive all rights of subrogation against the City, its officials, employees and volunteers for losses arising from work performed by Consultant for the City. This requirement may, however, be waived in individual cases at the discretion of the City.

(3) All Coverages

Each insurance policy required by this Agreement shall be endorsed to state that coverage shall not be suspended, voided, cancelled, reduced in coverage or in limits except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to the City.

E. Acceptability of Insurers

Insurance is to be placed with insurers with a Bests' rating of no less than A:VII. This requirement may, however, be waived in individual cases; provided, however, that in no event will a carrier with a rating below A:X be acceptable.

F. Verification of Coverage

Consultant shall furnish the City with certificates of insurance and with original endorsements effecting coverage required by this clause. The certificates and endorsements for each insurance policy are to be signed by a person authorized by the insurer to bind coverage on its behalf. The certificates and endorsements are to be on forms provided by the City and are to be forwarded to the City representative named in Exhibit A.

G. Payment Withhold

The City will withhold payments to the Consultant, if certificates of insurance and endorsements required in paragraph F above have not been provided.

**PROPOSAL  
ENVIRONMENTAL IMPACT REPORT  
FOR THE  
NATOMAS WEST ASSESSMENT DISTRICT**

**City of Sacramento, California**

**Submitted to:**

**City of Sacramento  
Department of Public Works  
Engineering Division  
927 Tenth Street, Room 300  
Sacramento, CA 95814-2765  
Contact: Andrew A. Hunt/Elissa Callman  
916/449-8225**

**Submitted by:**

**Jones & Stokes Associates, Inc.  
1725 - 23rd Street, Suite 100  
Sacramento, CA 95816  
Contact: Kim Smith  
916/444-5638**

**September 8, 1989**

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## **SECTION I. Work Plan**

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The following work plan has been designed to ensure that the environmental impact report (EIR) is prepared in an orderly and timely fashion.

Jones & Stokes Associates' project manager, and staff as needed, will attend all meetings or hearings, as requested by the City, to ensure that adequate communication is maintained on the job.

### **TASK 1. INITIATE PROJECT**

At the commencement of the project, Jones & Stokes Associates' project manager and EIR coordinator will meet with the City staff to determine the precise format and content of the EIR. Topics to be discussed at this meeting include: the project description; the availability of data and reports such as the previous EIRs and the Facilities Benefit Assessment proposal; and the contact persons for each of the issue areas. We also will review the schedule to determine the precise dates for submittal of sections.

This meeting is considered essential to emphasize the high degree of communication among all of the parties concerned about the EIR.

### **TASK 2. PREPARE NOTICE OF PREPARATION AND NOTICE OF A SCOPING MEETING**

Following the initial coordination meeting, Jones & Stokes Associates will prepare a detailed project description for the EIR, which would include discussion of the City's approach to a tiered EIR. We will incorporate all of this information into the Notice of Preparation (NOP) of an EIR.

The City will be responsible for preparing a distribution list for the NOP and for providing correct addresses for those individuals and associations that will receive the NOP. Jones & Stokes Associates will type the mailing list, publish, and mail up to 250 copies of the NOP.

### TASK 3. AGENCY CONSULTATION AND EIR SCOPE REFINEMENT

Jones & Stokes Associates will consult with various agencies to determine their concerns and review their input into the EIR. These agencies include, but are not limited to:

- o City of Sacramento Department of Public Works
- o City of Sacramento Department of Planning and Development
- o County of Sacramento Planning and Community Development Department
- o Reclamation District 1000
- o Sacramento County Local Agency Formation Commission
- o Natomas Water District
- o American River Flood Control District
- o State Reclamation Board
- o State Lands Commission
- o State Department of Fish and Game
- o State Regional Water Quality Control Board
- o California Department of Transportation
- o U. S. Army Corps of Engineers
- o U. S. Fish and Wildlife Service

The purpose of consulting with agencies is to define agency concerns and to ensure that such concerns are expressed early in the scoping process, with the hope that unexpected problems will be minimized at the end of the environmental review process.

Input received from all agencies that respond to the NOP will be reviewed and evaluated relative to the proposed scope of work. Where necessary, the work scope and cost will be modified to respond to these issues. No additional work outside of the scope will be done without approval of the City of Sacramento.

### TASK 4. ATTEND SCOPING MEETING

The NOP will have announced a scoping meeting with interested members of the public and various agencies. We believe this scoping meeting should be considered a community meeting to be held in South Natomas to obtain public input, as well as comment on Natomas West traffic circulation.

The purpose of the scoping meeting will be to review the project with interested agencies and individuals, review the City's approach to a tiered EIR, review the scope of work for the EIR, and solicit comments on additional issues or concerns to be addressed in the EIR.

**TASK 5. COLLECT AND ANALYZE DATA**

Jones & Stokes Associates will conduct an intensive review of all existing plans, reports, studies, regulations, and documents relating to the assessment district area. In addition, we will review documents that may apply to the project area, such as the Sacramento County General Plan as it relates to the area bounded by the Sacramento River, Interstate 5, and Interstate 80.

Existing published information will be supplemented with telephone interviews, field studies, and personal interviews, if needed.

**TASK 6. PREPARE ADMINISTRATIVE DRAFT EIR**

After completing the impact analysis, Jones & Stokes Associates will prepare an Administrative Draft EIR and submit 20 copies for review by City staff. Following review, we will meet with staff to receive and discuss revisions.

**TASK 7. PREPARE DRAFT EIR**

After incorporating all revisions required by the City, we will publish 150 copies of the Draft EIR for public distribution.

The City will be responsible for preparing a distribution list for the Draft EIR and for providing correct addresses for those individuals and associations intended to receive copies of the document. The City also will be responsible for preparing the Notice of Completion of an EIR.

Jones & Stokes Associates will mail the Draft EIR, the notice of a community workshop meeting on the Draft EIR, the public hearing notice on the Draft EIR, and the planning commission meeting on the Draft EIR.

**TASK 8. ATTEND PUBLIC HEARINGS ON THE DRAFT EIR**

The Jones & Stokes Associates project manager will, as requested by the City, attend and participate in up to four public meetings/hearings on the Draft EIR. One of these meetings is anticipated to be held in South Natomas to discuss the findings of the Draft

EIR at the beginning of the public review process and to obtain community input. The other meeting is anticipated to be a public hearing before the Planning Commission.

**TASK 9. PREPARE ADMINISTRATIVE FINAL EIR**

Following the review and comment period on the Draft EIR, Jones & Stokes Associates will prepare an Administrative Final EIR that responds to all comments raised in the review and consultation process. We will submit 20 copies for review by the City.

**TASK 10. PREPARE FINAL EIR**

Following receipt of comments by City staff, Jones & Stokes Associates will publish 150 copies of the Final EIR.

The City will be responsible for preparing a distribution list for the Final EIR and for providing correct addresses for those individuals and associations that will receive copies of the document. The City also will be responsible for preparing the Notice of Determination, Findings of Fact, and any necessary Statements of Overriding Considerations.

Jones & Stokes Associates will mail the Final EIR and the notice of the Sacramento City Council meeting on the Final EIR.

**TASK 11. ATTEND PUBLIC HEARING ON THE FINAL EIR**

The Jones & Stokes Associates project manager will, as requested by the City, attend and participate in one public hearing on the Final EIR.

**TASK 12. PREPARE REPORTING AND MONITORING PROGRAM**

The City of Sacramento Department of Planning and Development has prepared a draft mitigation measure monitoring program. In the EIR, Jones & Stokes Associates will include a monitoring plan for the recommended mitigation measures, in conformance with City guidelines.

## **SECTION II. Scope of Work**

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The following scope of work identifies the suggested outline for the EIR.

### **CHAPTER 1. INTRODUCTION**

The "Introduction" will identify the purpose of the EIR, the approach to be used in the EIR in terms of tiering the document based on previous environmental documents, identify the scope of the EIR based on the issues and concerns identified as possibly significant in the initial study, define the terminology to be used in the EIR, identify agencies who will use the EIR to issue permits, and describe the organization of the EIR.

### **CHAPTER 2. PROJECT DESCRIPTION**

The "Project Description" will describe the project and its characteristics including a description of the project location, project objectives, description of the project area prior to commencement of the project, and describe some of the engineering design aspects of the project.

### **CHAPTER 3. SUMMARY OF FINDINGS**

The "Summary of Findings" chapter will summarize the project, project impacts, and mitigation measures proposed to reduce impacts. A summary table will be prepared that will allow decision makers to quickly identify impacts and proposed mitigation measures. Details of the mitigation measures will be included in each chapter. This chapter also will discuss the growth-inducing impacts of the project.

### **CHAPTER 4. LAND USE**

This chapter will address the land use and growth-inducing impacts of the project. The "Setting" section will describe:

- o the regional land use setting of the project;
- o local land use setting of the project;

- o existing land uses for the project area and adjacent lands;
- o the status of various projects within the city limits and in unincorporated lands;
- o plans for annexing unincorporated lands into the City;
- o long-term planned land uses for the project area and adjacent lands based on the South Natomas Community Plan (SNCP); and
- o short-term planned land uses on the project area and adjacent lands including a review of the zoning on the project area and adjacent lands.

The "Impacts" section will identify the impacts that would result from project implementation. Please remember that the tiered approach on the Natomas West EIR requires that all of the land use buildout assumptions for the Natomas West project area must be consistent with the land uses evaluated in the SNCP. The "Impacts" analysis will identify:

- o direct changes in land use;
- o compatibility with surrounding land uses, including the various road alignments;
- o consistency with current planning policies; and
- o the growth-inducing impacts of constructing the project and constructing a road into the "boot" area.

The "Mitigation Measures" section will identify mitigation measures for each impact, if available, or will identify the impacts as significant and unavoidable.

## CHAPTER 5. TRANSPORTATION AND CIRCULATION

The "Setting" section will:

- o document existing conditions through review of City reports for current baseline data;
- o describe the existing transportation system in terms of the street and highway system and connections, traffic control, bus routes, etc; and
- o document existing travel demand through traffic counts available in City reports and supplement with field studies, as needed.

The "Impacts" section will:

- o describe the future roadway network alternatives to be analyzed;
- o evaluate future transportation needs with respect to the following criteria:
  - travel demand for the ultimate development;
  - right-of-way requirements for roadway construction;
  - construction costs; and
  - impacts on existing residential development with respect to noise and other environmental issues.
- o project average daily traffic and impacts on the following surface streets:
  - West El Camino Avenue,
  - Garden Highway,
  - Orchard Lane,
  - Gateway Oaks Drive,
  - Road A,
  - Road B, and
  - River Plaza Drive.
- o perform a.m. and p.m. peak hour analysis for the following intersections:
  - West El Camino Avenue/I-80 ramps,
  - West El Camino Avenue/Gateway Oaks Drive,
  - Road A/River Plaza Drive,
  - Road B/River Plaza Drive,
  - Orchard Lane/River Plaza Drive,
  - Orchard Lane/Garden Highway, and
  - Road A/Road B.

The "Mitigation Measures" section will recommend future transportation system improvements required to minimize impacts.

### CHAPTER 6. AIR QUALITY

The air quality chapter will focus on the assessment of the impacts of the project on microscale carbon monoxide (CO). The "Setting" section will:

- o discuss existing air quality conditions in the Sacramento area based on published monitoring data, and

- o identify air pollution sensitive land uses existing in or proposed for the project area.

The "Impacts" section will:

- o briefly discuss dust and other air quality issues associated with project construction;
- o briefly describe possible impacts resulting from the diesel-powered pumps at the pump station and identify the need for permits from the Sacramento County Air Pollution Control District (APCD);
- o present the results of CALINE3 dispersion modeling analyses to evaluate the potential for 1-hour and 8-hour CO problems under the three roadway configuration/traffic scenarios most likely to generate air quality problems (CALINE3 analyses of additional scenarios can be performed on a time-and-materials basis);
- o evaluate the significance of potential CO concentrations in the project area; and
- o discuss the extent to which the project may affect the feasibility or effectiveness of measures contained in local and regional air quality management plans.

Mitigation measures will be identified that can reduce the magnitude, frequency, or geographic extent of project-related air quality impacts.

## CHAPTER 7. NOISE

The "Setting" section of the noise chapter will:

- o summarize general plan noise element policies and land use compatibility criteria;
- o identify noise-sensitive land uses in the project area; and
- o discuss available data on existing noise levels in the project vicinity.

The "Impacts" section will:

- o briefly discuss noise impacts associated with project construction activities;
- o discuss pump station noise;

- o estimate traffic-related noise conditions in the project vicinity using appropriate traffic models; quantitative analyses will be performed for the three roadway configuration/traffic scenarios most likely to generate noise problems (noise modeling of additional scenarios can be performed on a time-and-materials basis);
- o prepare noise contour maps for the three quantitatively analyzed scenarios; and
- o discuss the significance of future traffic noise conditions in the project vicinity, considering both the magnitude of project-related traffic noise increments and land use compatibility with overall project vicinity noise levels.

The "Mitigation Measures" section will discuss the availability and feasibility of measures for mitigating any significant noise impacts.

## CHAPTER 8. SOILS

This chapter will review existing information regarding soil types in the project area and the need for erosion control measures to minimize soil erosion.

## CHAPTER 9. DRAINAGE, HYDROLOGY, AND WATER QUALITY

This chapter will focus on the drainage, hydrology, and water quality issues specific to the project area. The questions dealing with the more generalized issues of the City of Sacramento land use policy within the 100-year floodplain will be addressed in a separate environmental document being prepared by the City of Sacramento Department of Planning and Development. Questions regarding that EIR should be addressed to Barbara Wendt of the Sacramento City Environmental Division (916/449-2037).

The City of Sacramento land use planning policy for the 100-year floodplain EIR will address the following issues:

- o Land Use Analysis
  - identify existing and projected levels of growth (development and population) within pertinent subareas of the 100-year floodplain, and
  - evaluate the implications of the proposed land use policy on projected growth levels.

- o Plan and Policy Consistency
  - evaluate the proposed policy in relation to its conformance with various city and county plans, policies, ordinances, and programs.
- o Public Health and Safety
  - identify flood hazard scenarios,
  - analyze the exposure of the population to flood hazard under each hazard scenario and estimate property damage and loss, and
  - calculate risk estimates for the various flood scenarios.
- o Cumulative Impacts
  - provide a comparison of the increase in impacts associated with the proposed land use policy with the existing conditions of development within the 100-year floodplain.

The Natomas West assessment district EIR "Setting" section will:

- o discuss the current situation in the City's flood control strategies;
- o describe new flood insurance policies;
- o describe the City's current requirements for tentative maps within flood-sensitive areas; and
- o reference the Citywide flood policy EIR.

The "Impacts" section will:

- o evaluate the drainage plan for the area;
- o estimate impacts to downstream freeboard levels and levee integrity;
- o estimate the possible urban runoff water quality impacts to the Sacramento River;
- o evaluate the cumulative effects of the North Natomas drainage system discharges, project discharges, and discharges from other known sources on the City's water treatment plant intake structure located approximately 1 river mile downstream of the project's pump station location;

- o evaluate possible impacts to freshwater aquatic life and downstream drinking water supplies from project discharges;
- o evaluate the project's compliance with best management practices for improving the quality of urban runoff; and
- o reference the analysis of flood protection and flood policy issues discussed in the Citywide flood policy EIR.

The "Mitigation Measures" section will evaluate various mitigation measures, including use of retention basins, constructed wetlands, and in situ storm drain oil-water separators, for feasibility and possible recommendations to minimize impacts.

## CHAPTER 10. VEGETATION AND WILDLIFE RESOURCES

For the "Setting" portion of this chapter, Jones & Stokes Associates' biologists will:

- o contact knowledgeable individuals in the private sector and personnel with the California Department of Fish and Game (DFG) and the U. S. Fish and Wildlife Service (USFWS) to ascertain their concerns about the project;
- o contact the U. S. Army Corps of Engineers (COE) to determine if the project includes wetlands that may fall under their jurisdiction, and, if so, determine their needs for application of a Section 404 permit to allow eventual filling of the wetlands (it appears that a Section 404 permit will not be required);
- o conduct a record search of the DFG Natural Diversity Data Base to determine which significant elements of biological diversity are known from the area;
- o conduct field surveys to gather information that would describe the vegetation and habitats present;
- o identify and map any habitat for species of special concern, if any, such as habitat for the giant garter snake, valley elderberry longhorn beetles (VELB), and Swainson's hawk (it appears that giant garter snake habitats do not exist within the project area).

The "Impacts" portion of this chapter will:

- o determine and quantify, to the extent possible, the impacts of all aspects of the project on biological resources;
- o determine the loss of heritage trees or trees of special concern;

- o determine the impacts to wet areas; and
- o determine the impacts on any species of special concern such as the giant garter snake, VELB, or Swainson's hawk.

The "Mitigation Measures" section will include detailed measures intended to fully mitigate biological impacts, including a mitigation plan, if deemed necessary.

### CHAPTER 11. CULTURAL RESOURCES

The "Cultural Resources" chapter of the EIR will include the following:

- o obtaining an updated record search for the project area;
- o conducting an intensive field survey on foot by a team of experienced archeologists of the southwest corner of the project area that has not been previously surveyed;
- o conducting an intensive field survey of the pump station;
- o plotting any sites located during the survey on appropriate maps;
- o identifying impacts, if any, on significant sites; and
- o identifying mitigation measures, if required.

### CHAPTER 12. CUMULATIVE IMPACTS

The State CEQA Guidelines require that a cumulative analysis be based on either a list of past, present, and reasonably foreseeable future projects, or a summary of projections contained in an adopted general plan or related planning document that is designed to evaluate regional or areawide conditions.

Traffic and water quality have been identified as issues of cumulative concern.

### **CHAPTER 13. ALTERNATIVES TO THE PROPOSED PROJECT**

The following alternatives will be discussed on a qualitative basis only:

- o The No-Project Alternative. This alternative would qualitatively identify the impacts of maintaining the project site under the current uses and not constructing any of the proposed improvements.
- o Alternative Storm Drainage Solutions. This alternative would qualitatively discuss the alternative pump station locations and the alternative of pumping into the Natomas Main Drainage Canal.
- o Alternative Road Alignments. Alternative road alignments will be evaluated in detail in Chapter 5, "Transportation and Circulation."

### **CHAPTER 14. BIBLIOGRAPHY**

The bibliography will provide enough information for the reader to locate any reference cited in the report. It will include a References Cited section of all unpublished as well as published material referred to in the text, as well as a Personal Communications section of all personal communications/conversations (memo, letter, telephone conversations, and meetings).

### **CHAPTER 15. REPORT PREPARATION**

This chapter will identify everyone who prepared sections of the report.

### **APPENDICES**

At this time, we anticipate various appendices including the initial study, comments received on the NOP, and possibly mitigation measures previously adopted for the project area.

### **SECTION III. Estimated Schedule**

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Jones & Stokes Associates will issue the NOP upon acceptance of a complete project description and required alternatives within 2 weeks of receipt of such information. The scoping period will last approximately 6 weeks. If no new work is added, the Administrative Draft EIR will be delivered about 16 weeks after acceptance of the project description. Please note: the approach to the flooding issues will reference the Citywide flood policy EIR, and it will not be possible to publish the Natomas West Assessment District EIR prior to the flood policy EIR.

Publication of the Draft EIR will require an additional 3 weeks following receipt of review comments from the City. The timing for completion of a Final EIR would depend on City administrative requirements, the extent of public comments, and the degree of effort required for adequate responses.

Jones & Stokes Associates will work with the City in using available information to develop a project schedule.

## **SECTION IV. Cost**

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Jones & Stokes Associates will prepare the EIR on a time-and-materials basis at our standard billing rates (schedule attached), with the total cost not to exceed \$94,783. Table 1 shows the itemized cost for each task. Billing rates are subject to change January 1 of each year. Monthly billings will be submitted based on work performed.

Work toward preparation of the Administrative Draft NOP will not exceed \$14,999 until contacted by city staff.

Table 1. Cost Estimate for the Natomas West Assessment District EIR (September 6, 1989)

| TASK                                     | TECHNICAL STAFF HOURS   |                 |                |                |                |                |                |                |                |                |                | LABOR COST      | PRODUCTION STAFF HOURS |                |                | LABOR COST     | DIRECT EXPENSE  | GRAND TOTAL     |
|--|---|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|------------------------|----------------|----------------|----------------|-----------------|-----------------|
|  | BASS  | SMITH           | BREWER         | CENTERWALL     | SCULLBY        | DORFMAN        | PAGE           | O'LEARY        | CYLINDER       | REEDY          | WHISLER        | SUBTOTAL        | WORD PROC              | EDITOR         | GRAPHICS       | SUBTOTAL       | TOTAL           | TOTAL           |
| Initiate Project                         | 0   | 16              | 16             |                |                |                |                |                |                |                |                | \$2,264         |                        |                |                |                |                 |                 |
| Prepare NOP                              |   | 24              |                |                |                |                |                |                |                |                |                | \$1,344         |                        |                |                |                |                 |                 |
| Scoping                                  |   | 4               | 4              |                |                |                |                |                |                |                |                | \$416           |                        |                |                |                |                 |                 |
| Agency Consultation                      | 0   | 8               | 0              |                |                |                |                |                |                |                |                | \$1,432         |                        |                |                |                |                 |                 |
| Administrative Draft EIR                 |   |                 |                |                |                |                |                |                |                |                |                |                 | 150                    | 50             | 24             | \$6,648        |                 |                 |
| o Introduction                           |   | 8               |                |                |                |                |                |                |                |                |                | \$880           |                        |                |                |                |                 |                 |
| o Project Description                    |   | 16              |                |                |                |                |                |                |                |                |                | \$896           |                        |                |                |                |                 |                 |
| o Summary                                |   | 24              |                |                |                |                |                |                |                |                |                | \$1,344         |                        |                |                |                |                 |                 |
| o Land Use                               |   | 8               |                | 32             |                |                |                |                |                |                |                | \$1,792         |                        |                |                |                |                 |                 |
| o Traffic                                |   | 16              |                |                |                |                |                |                |                |                |                | \$896           |                        |                |                |                |                 |                 |
| o Air Quality                            |   | 8               |                |                |                | 44             | 44             |                |                |                |                | \$4,496         |                        |                |                |                | \$128           |                 |
| o Noise                                  |   | 0               |                |                |                | 53             | 70             |                |                |                |                | \$5,936         |                        |                | 17             |                | \$544           |                 |
| o Soils                                  |   | 8               |                |                |                |                |                | 32             |                |                |                | \$1,600         |                        |                |                |                |                 |                 |
| o Drainage and Hydrology                 |   | 8               | 40             |                |                |                |                |                | 48             |                |                | \$4,672         |                        |                |                |                |                 |                 |
| o Vegetation                             |   | 16              |                |                |                |                |                |                |                | 48             |                | \$3,200         |                        |                |                |                |                 |                 |
| o Wildlife                               |   | 16              |                |                |                |                |                |                |                |                | 100            | 100             | \$10,096               |                |                |                |                 |                 |
| o Cultural Resources                     |   | 8               |                |                |                |                |                |                |                |                |                |                 |                        |                |                |                | \$224           |                 |
| Draft EIR                                | 0   | 40              | 24             |                |                |                |                |                |                |                |                | \$3,992         |                        |                |                |                |                 |                 |
| Public Hearings (4)                      |   | 24              | 24             |                |                |                |                |                |                |                |                | \$2,496         |                        |                |                |                |                 |                 |
| Administrative Final EIR                 |   | 24              | 24             |                |                | 9              |                |                |                |                |                | \$3,000         |                        |                |                |                |                 |                 |
| Final EIR                                | 4   | 8               | 8              |                |                |                |                |                |                |                |                | \$1,132         |                        |                |                |                |                 |                 |
| Public Hearing (2)                       |   | 16              | 16             |                |                |                |                |                |                |                |                | \$1,664         |                        |                |                |                |                 |                 |
| Client Meetings                          |   | 40              | 16             |                |                |                |                |                |                |                |                | \$3,008         |                        |                |                |                |                 |                 |
| <b>TOTAL HOURS</b>                       | <b>20</b>   | <b>364</b>      | <b>180</b>     | <b>32</b>      | <b>106</b>     | <b>114</b>     | <b>32</b>      | <b>48</b>      | <b>48</b>      | <b>100</b>     | <b>100</b>     |                 | <b>150</b>             | <b>50</b>      | <b>45</b>      |                |                 |                 |
| <b>HOURLY RATE</b>                       | <b>\$75</b>   | <b>\$56</b>     | <b>\$48</b>    | <b>\$42</b>    | <b>\$56</b>    | <b>\$36</b>    | <b>\$36</b>    | <b>\$48</b>    | <b>\$48</b>    | <b>\$56</b>    | <b>\$36</b>    |                 | <b>\$29</b>            | <b>\$31</b>    | <b>\$32</b>    |                |                 |                 |
| <b>LABOR SUBTOTALS</b>                   | <b>\$2,100</b>  | <b>\$19,264</b> | <b>\$8,640</b> | <b>\$1,344</b> | <b>\$5,936</b> | <b>\$4,104</b> | <b>\$1,152</b> | <b>\$2,304</b> | <b>\$2,304</b> | <b>\$5,600</b> | <b>\$3,600</b> | <b>\$56,368</b> | <b>\$4,350</b>         | <b>\$1,550</b> | <b>\$1,440</b> | <b>\$7,340</b> |                 | <b>\$63,608</b> |
| <b>DIRECT EXPENSES</b>                   |   |                 |                |                |                |                |                |                |                |                |                |                 |                        |                |                |                |                 |                 |
| Computer                                 | 30 hours (air) plus 62 hours (noise) @ \$12/hour  |                 |                |                |                |                |                |                |                |                |                |                 |                        |                |                |                | \$1,104         |                 |
| Aerial Photographs                       |   |                 |                |                |                |                |                |                |                |                |                |                 |                        |                |                |                | \$200           |                 |
| Travel                                   |   |                 |                |                |                |                |                |                |                |                |                |                 |                        |                |                |                | \$100           |                 |
| Subconsultant                            | PAR - Cultural Resources  |                 |                |                |                |                |                |                |                |                |                |                 |                        |                |                |                | \$760           |                 |
| Fee on Subconsultant                     | 8 percent   |                 |                |                |                |                |                |                |                |                |                |                 |                        |                |                |                | \$61            |                 |
| Subconsultant                            | OMNI-NSAMS, Ltd.  |                 |                |                |                |                |                |                |                |                |                |                 |                        |                |                |                | \$22,350        |                 |
| Fee on Subconsultant                     | 8 percent   |                 |                |                |                |                |                |                |                |                |                |                 |                        |                |                |                | \$1,788         |                 |
| Report Production                        | 50 copies of NOP (20 pp); 20 copies of Administrative Draft EIR (150 pp)<br>150 copies of Draft EIR (150 pp); 20 copies of Administrative Final EIR (75 pp)<br>250 copies Final EIR (75 pp) |                 |                |                |                |                |                |                |                |                |                |                 |                        |                |                |                | \$3,140         |                 |
| Inflation Allowance for Services in 1990 |   |                 |                |                |                |                |                |                |                |                |                |                 |                        |                |                |                | \$1,597         |                 |
| <b>DIRECT EXPENSE SUBTOTAL</b>           |   |                 |                |                |                |                |                |                |                |                |                |                 |                        |                |                |                | <b>\$31,095</b> |                 |
| <b>TOTAL COST</b>                        |   |                 |                |                |                |                |                |                |                |                |                |                 |                        |                |                |                | <b>\$94,703</b> |                 |

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09/08/89

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# JONES & STOKES ASSOCIATES, INC.

## Standard Billing Rates Effective January 1, 1989

Billing rates are subject to revision effective  
January 1 of each year.

| <u>Professional Classifications</u> | <u>Per Hour</u> |
|-------------------------------------|-----------------|
| Principal                           | \$85.00         |
| Principal Engineer/Scientist        | 75.00-80.00     |
| Environmental Scientist/Engineer    | 66.00           |
| Environmental Specialist IV         | 56.00           |
| Environmental Specialist III        | 48.00           |
| Environmental Specialist II         | 42.00           |
| Environmental Specialist I          | 36.00           |
| Technician/Trainee                  | 30.00           |

### Administrative/Clerical Classifications

|                       |       |
|-----------------------|-------|
| Production Supervisor | 34.00 |
| Writer/Editor         | 31.00 |
| Delineator            | 32.00 |
| Librarian             | 29.00 |
| Word Processor        | 29.00 |
| Clerical Assistant    | 19.00 |

### Other Direct Charge Rates

|                                   |            |
|-----------------------------------|------------|
| Microcomputer Time                | 12.00/hour |
| Microcomputer Communications Time | 30.00/hour |
| Report Production, Photocopying   | 0.08/page  |
| Automobile Mileage                | 0.24/mile  |

### Cost Reimbursement Charges

Travel costs are based on direct reimbursements for commercial transportation including auto rental. Costs for other commercial services (e.g., printing, computer time, laboratory fees, materials and supplies) are billed as direct reimbursement costs. A general and administrative charge of 8 percent will be added to all subcontractor and subconsultant costs.

Per diem is charged at \$75/day. A lodging surcharge may apply in high rate areas.