

Agenda of June 19, 2008

**TO: Sacramento Area Flood Control Agency  
Board of Directors**

**FROM: John A. Bassett, Director of Engineering  
(916) 874-8731, Design - Construction - Maintenance**

**SUBJECT: RESOLUTION - AWARDING CONTRACT TO THE LOWEST  
RESPONSIBLE BIDDER AND AUTHORIZING THE EXECUTIVE  
DIRECTOR TO EXECUTE A CONTRACT FOR THE NATOMAS CROSS  
CANAL SOUTH LEVEE PHASE 1B IMPROVEMENT PROJECT -  
CONTRACT 4006**

**SUMMARY**

The attached Resolution No. 08-070 awards the Natomas Cross Canal South Levee Phase 1B Improvement Project - Contract 4006, to the lowest responsive, responsible bidder, Envirocon, Inc. dba Paradigm Environmental (Envirocon), authorizes the Executive Director to execute a contract with Envirocon, in the amount of \$3,544,890.00, and approves the amendments to the Contract 4006 documents that were made during the bidding period.

**BACKGROUND**

SAFCA developed the Natomas Cross Canal South Levee Improvement Project (Project) as part of its Natomas Levee Improvement Program. The Board, by Resolution No. 07-015 adopted on February 15, 2007, certified the Environmental Impact Report, adopted Findings and a Statement of Overriding Considerations, Mitigation Measures, and a Mitigation Monitoring and Reporting Program and approved the Project. In addition, by adoption of Resolution No. 07-024 on March 15, 2007, the Board approved the contract documents for Phase 1 of the Project, Contract 3947, authorized the Executive Director to advertise the plans and specifications for bidding, and to issue addenda to clarify the contract documents as necessary prior to bid opening.

Subsequent to approval of Contract 3947, the scope of work was reduced to include a limited extent of the work. This initial phase of work was constructed in 2007. Following substantial completion of the work performed under Contract 3947 in 2007, SAFCA staff developed Phase 1B, Contract 4006, to complete the remainder of the originally authorized work.

The Notice to Contractors for the Natomas Cross Canal South Levee Phase 1B Improvement Project, Contract 4006, was faxed to 80 contractors and subcontractors, was advertised on the Sacramento County Bid Line and was also advertised in newspaper advertisements. Plans and specifications for Contract 4006 were available for review at 15 plan review rooms and builders' exchanges.

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Representatives from nine contractors attended the pre-bid walk-through that was held May 14, 2008 and 36 contractors and subcontractors purchased copies of the plans and specifications. One addendum was issued during the bidding period.

On June 5, 2008, two contractors submitted proposals for Contract 4006. Envirocon submitted the apparent low bid of \$3,544,890.00. Mountain Cascade Inc. submitted the apparent second low bid of \$4,169,200.00. The final Engineer's Estimate for the work was \$3,544,120. Following the bid opening, the bids were reviewed to determine if any math errors were made and the bidder's experience questionnaires were reviewed to determine if the bidders had demonstrated the required experience for award of the contract.

The data submitted by Envirocon demonstrated that it met the experience requirements for construction of slurry cutoff walls and that its primary subcontractor, Teichert Construction, had experience in earth moving. Mountain Cascade's submittal did not demonstrate any experience in slurry cutoff wall construction or earthmoving. In addition, Mountain Cascade did not submit any experience data for its slurry cutoff wall subcontractor.

After review of the proposals, staff determined that no math errors were made and that the bid by Mountain Cascade was non-responsive to the Notice to Contractors. Staff is recommending that the contract be awarded to Envirocon.

The resolution before the Board: 1) awards the contract for construction of Phase 1B of the Project, Contract 4006, to Envirocon; 2) authorizes the Executive Director to execute a contract with Envirocon, in the amount of \$3,544,890.00, for construction of the Project; and 3) approves the modifications to the contract documents that were made by the Executive Director during the bidding period.

**FINANCIAL IMPLICATIONS**

Construction of the Project will be funded by the NLIP component of the Consolidated Capital Assessment District included in the Proposed FY 2008-09 Budget.

**POLICY IMPLICATIONS**

Approving the contract documents and advertising the contracts for bid is consistent with the Board's policy to undertake the design and construction of the Natomas Levee Improvement Program.

The review of the bid results and the recommendation from staff as to the award of the contracts is consistent with the Public Contract Code. The specifications reserve the right for the Board to reject any and all bids.

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**RECOMMENDATION**

Staff recommends the Board adopt Resolution No. 08-070, awarding the Natomas Cross Canal South Levee Phase 1B Improvement Project - Contract 4006, to the lowest responsive, responsible bidder, Envirocon, Inc. dba Paradigm Environmental, authorizes the Executive Director to execute a contract with Envirocon, in the amount of \$3,544,890.00, and approves the amendments to the Contract 4006 documents that were made during the bidding period.

JABsc/C4006 NCC South Levee Phase 1B Award.bd.doc  
Attachment

**RESOLUTION NO. 08-070**

Adopted by the Sacramento Area Flood Control Agency

**AWARDING CONTRACT TO LOWEST RESPONSIBLE BIDDER AND  
AUTHORIZING THE EXECUTIVE DIRECTOR TO EXECUTE A CONTRACT -  
NATOMAS CROSS CANAL SOUTH LEVEE PHASE 1B IMPROVEMENT PROJECT -  
CONTRACT 4006**

WHEREAS, SAFCA's role is to address the regional flood threat facing the Sacramento Metropolitan Area and increase the level of flood protection afforded the community; and

WHEREAS, Section 52 of the SAFCA Act {Stats.1990, c. 510 (S.B.46), §1.}, mandates that SAFCA carry out its (flood control) responsibilities in ways which provide the optimum protection of the natural environment, especially riparian habitat and natural stream channels suitable for native plant and wildlife habitat and public recreation; and

WHEREAS, SAFCA has developed the Natomas Cross Canal South Levee Phase 1 Improvement Project (Project) as part of its Natomas Levee Improvement Program to increase the level of flood protection provided to the Natomas Basin; and

WHEREAS, the Board, by Resolution No. 07-015 adopted on February 15, 2007, certified the Environmental Impact Report, adopted Findings and a Statement of Overriding Considerations, Mitigation Measures, and a Mitigation Monitoring and Reporting Program and approved the Project.

WHEREAS, the Board, by adoption of Resolution No. 07-024 on March 15, 2007, approved the contract documents for Phase 1 of the Project, Contract 3947, authorized the Executive Director to advertise the plans and specifications for bidding, and authorized the Executive Director to issue addenda to clarify the contract documents as necessary prior to bid opening; and

WHEREAS, following approval of Contract 3947, the scope of work was reduced to include a limited extent of the work; and

WHEREAS, following substantial completion of the work performed under Contract 3947 in 2007, SAFCA developed Phase 1 B of the Project, Contract 4006, to complete the remainder of the originally authorized work; and

WHEREAS, the Notice to Contractors for Contract 4006 was faxed to 80 contractors and subcontractors; Contract 4006 was advertised on the Sacramento County Bid Line and was also advertised in newspaper advertisements; plans and specifications for Contract 4006 were available for review at 15 plan review rooms and builders' exchanges; and

WHEREAS, representatives from nine contractors attended the pre-bid walk-through that was held May 14, 2008; and 36 contractors and subcontractors purchased copies of the Plans and Specifications; and one addendum was issued during the bidding period; and

**Resolution No. 08-070**

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WHEREAS, on June 5, 2008, two contractors submitted proposals for Contract 4006; and

WHEREAS, following the bid opening, the bids and bidder's experience questionnaires were reviewed and it was determined that the bid from Envirocon, Inc. dba Paradigm Environmental, in the amount of \$3,544,890 was the lowest responsive bid from a responsible bidder.

NOW, THEREFORE, BE IT RESOLVED BY THE SACRAMENTO AREA FLOOD CONTROL AGENCY BOARD OF DIRECTORS THAT:

1. The construction documents for Contract 4006, as modified during the bidding process, are hereby approved.
2. The contract for the Natomas Cross Canal South Levee Phase 1B Improvement Project, Contract 4006, is hereby awarded to the lowest responsive, responsible bidder, Envirocon, Inc. dba Paradigm Environmental.
3. The Executive Director is hereby authorized to execute a contract with Envirocon, in the amount of \$3,544,890, for construction of Contract 4006.

ON A MOTION BY Director \_\_\_\_\_, seconded by Director \_\_\_\_\_, the foregoing resolution was passed and adopted by the Board of Directors of the Sacramento Area Flood Control Agency, this 19th day of June 2008, by the following vote, to wit:

AYES: Directors:

NOES: Directors:

ABSTAIN: Directors:

ABSENT: Directors:

(SEAL)

\_\_\_\_\_  
Vice Chair of the Board of Directors of the  
Sacramento Area Flood Control Agency

ATTEST:

\_\_\_\_\_  
Deputy Clerk of the Board of Directors