



Joint Exercise of Powers Agency

City of Antioch City of Brentwood City of Oakley County of Contra Costa

Board of Directors

Thursday, October 11, 2007

6:45 p.m.

Tri-Delta Transit Meeting Room
801 Wilbur Avenue
Antioch, California

1. Call to Order
2. Public Comment
3. Closed Session

Conference with Legal Counsel -- Anticipated Litigation

Significant exposure to litigation pursuant to Government Code, Section 54956.9(b):
one potential case

4. Consent Items

- A. **APPROVE** Consulting Services Agreement amendment with PB Americas (PB) in the amount of \$57,981 for a not-to-exceed contract amount of \$8,324,957 for an increase in the material testing services budget for Segment 1, Package 2 and the Laurel Road Extension, and **AUTHORIZE** the Secretary or designee to sign the amendment on behalf of the Authority.
- B. **APPROVE** Consulting Services Agreement Amendment with Harris and Associates (Harris) in the amount of \$98,580 for a revised total amount of \$496,844 for construction management services for the Sand Creek Intersection Lowering Project, and **AUTHORIZE** the Secretary or his designee to sign the amendment on behalf of the Authority.
- C. Staff recommends the Board take the following actions:
 1. **APPROVE** Contract Change Order Nos. 70S1 and 84 with De Silva Gates Construction/FCI Constructors JV, for an estimated cost increase of \$405,000 for Segment 1, Package 2, and **AUTHORIZE** the Secretary or his designee to sign the change orders on behalf of the Authority.
 2. **APPROVE** an increase in the project contingency budget of \$732,215 to reestablish a 5% project contingency after consideration of extra work associated with the City of Brentwood waterline installation.
- D. **APPROVE** Contract Change Order No. 5 with Granite Construction, for an estimated cost increase of \$91,000 for Segment 2, Sand Creek Intersection Lowering Project - Phase 1, Stage 1, and **AUTHORIZE** the Secretary or his designee to sign the change order.

Board of Directors:
Donald P. Freitas, Chair
Robert Taylor, Vice Chair
Brad Nix
Mary N. Piepho

Authority Staff Office:
Contra Costa County
255 Glacier Drive
Martinez, CA 94553
(925) 686-0619

E. **APPROVE** Contract Change Order Nos. 9, 41, 46, and 51, with De Silva Gates Construction, for an estimated cost increase of \$618,000 for Segment 3, and **AUTHORIZE** the Secretary or his designee to sign the change orders on behalf of the Authority

5. Determination Items

- A. **RECEIVE** status report on the overall State Route 4 Bypass projects and the Laurel Road Extension projects (*no staff report*).
- B. **RECEIVE** status report on construction activities for Segment 1, Segment 3 and the Laurel Road Extension projects (*no staff report*).

6. Board Member Comments

7. Correspondence

8. Adjournment

The Authority will provide reasonable accommodations for persons with disabilities planning to attend Board meetings who contact the Program Manager at least 24 hours before the meeting, at (925) 686-0619.

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**STATE ROUTE 4
BYPASS AUTHORITY**

DATE: October 11, 2007

TO: Board of Directors
FROM: *for* Dale Dennis, Program Manager *Ncw*

SUBJECT: Segment 1 and Laurel Road Extension Construction Support Services by PB Americas

Recommendation: **APPROVE** Consulting Services Agreement amendment with PB Americas (PB) in the amount of \$57,981 for a not-to-exceed contract amount of \$8,324,957 for an increase in the material testing services budget for Segment 1, Package 2 and the Laurel Road Extension, and **AUTHORIZE** the Secretary or designee, to sign the amendment on behalf of the Authority.

Discussion:

There have been several recently approved contract change orders that have resulted in additional material testing services not included in the original contract scope for PB. (These services are to be provided by Kleinfelder, a subconsultant to PB). The largest of these, Contract Change Order no. 78, was approved in May of this year in the estimated amount of \$900,000 for the placement of approximately 90,000 cubic meters of soil required for the embankments for the future southbound bridge over Lone Tree Way. This work requires materials testing, estimated at 30,000. In addition, additional budget is required by Kleinfelder for both Package 2 and the Laurel Road Extension based on a "cost to complete" analysis to finish the work.

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ACTION OF BOARD ON _____

APPROVED AS RECOMMENDED ___ **OTHER**___

VOTE OF DIRECTORS

_____ UNANIMOUS (ABSENT _____)
AYES: _____ **NOES:** _____
ABSENT: _____ **ABSTAIN:** _____

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Directors on the date shown.

ATTESTED _____
Secretary to the Authority

4A2



**Parsons
Brinckerhoff**
3260 Lone Tree Way, Ste. 104
Antioch, CA 94509

September 25, 2007

Mr. Dale Dennis
State Route 4 Bypass Authority
255 Glacier Drive
Martinez, CA 94553

SUBJECT: AMENDMENT NO. 7 REQUEST
SR4 Bypass, Segment 1

Dear Mr. Dennis,

Several change orders on the project will result in increased costs for our materials testing sub-consultant, Kleinfelder. The most notable is CCO No. 78 under which the contractor will place the future bridge embankments at Lone Tree Way. Moreover, this large, complex project is nearing completion so I directed Kleinfelder to prepare a "Cost-to-Complete" analysis for the remainder of the project.

Based on the attached Cost-to-Complete analysis, the amount of this amendment request, including PB's standard 5% markup, is \$57,981.

Thank you for consideration of this request. If you have any questions, please contact me at 925-756-2382 / littell@pbworld.com.

Sincerely,

PB Americas, Inc.

A handwritten signature in black ink, appearing to read 'Bart Littell'.

Bart Littell, PE
Vice President / Construction Manager

Attachment: Cost to Complete Analysis

4A3



September 18, 2007 (2nd Revision September 26, 2007)
Project No.: 60111 and 60104

Mr. Bart Littell, PE, Vice President, Area Manager
Parsons Brinkerhoff Construction Services, Inc.
3260 Lone Tree Way, Suite 104
Antioch, CA 94509

**Subject: Request for Additional Authorization for Construction Testing and Inspection Services
State Route 4 Bypass Segment 1 Package 2 and Laurel Road Improvements
Antioch, Oakley, and Brentwood, California**

Dear Mr. Littell:

As requested, Kleinfelder is submitting this Request for Additional Authorization to Parsons Brinkerhoff Construction Services to provide remaining materials testing and inspection services for the proposed State Route 4 Bypass Segment 1 Package 2 and Laurel Road Improvements in Antioch, Oakley, and Brentwood, California. Within this request you will find a brief discussion of our understanding of our anticipated remaining scope of work based on conversations with your project team, an estimate of our efforts and the associated fees, and our project limitations.

SCOPE OF SERVICES

It is anticipated that Kleinfelder's remaining services will provide remaining materials testing and special inspection services on the project at the direction of Parsons Brinkerhoff. The purpose of our services will be to provide you (or your representative) with information in order to determine compliance with the project plans and specifications during construction. Our anticipated scope of remaining services on this project is as follows:

- Attendance at job meetings, construction consultations, project administration, and project management;
- We estimate that one additional batch plant and field visit will be required for masonry construction sampling and testing.
- We have estimated that an additional 60 in place CTM 231 soil density tests along with the corresponding CTM 216 tests for the abutment fills at the Lone Tree Way Bridge to facilitate future work. We have also anticipated 25

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additional CTM 231 and 216 tests for miscellaneous areas throughout Segment 1, Package 2.

- During asphalt concrete (AC) placement for Laurel Road, our services will be provided on a full-time basis to monitor the contractor's efforts and materials for compliance testing for a total of 10 additional samples and 10 lots for density, based on your electronic mail dated September 19, 2007. According to your representatives Laurel Road is expected to receive the remaining 16,230 tonnes of remaining AC to complete this portion of the project.
- During asphalt concrete placement for Segment 1, Package 2, we anticipate our services will include part time sampling and testing for the minimum quality assurance testing of the special provisions (10 percent of the quality control testing). We estimate that this will include periodic in-place density testing during a total of five more rounds of quality assurance testing for field and laboratory. One of these rounds will be a start-up evaluation and will include the additional laboratory testing discussed in the special provisions. Field testing will be performed using applicable Caltrans test methods. Core data will be required for nuclear gauge correlation and standard deviation during start-up evaluation. This data will be provided to us by the quality control testing laboratory.
- Laboratory testing services as required by Caltrans and the project plans and specifications. All tests will be performed in conformance with applicable California Test Methods. We anticipate our laboratory testing services during earthwork activities will include relative density compaction testing (CTM 216), sand equivalent testing, gradation/sieve analysis. During asphalt concrete placement, we anticipate sand equivalent testing, gradation/sieve analysis of two cold feed plant samples, asphalt oil and moisture content, and maximum density testing of two hot mix asphalt samples; and
- Preparation of periodic status reports and a final report, project management, administration, and supervision.

It should be noted our services will not include: (1) supervision, direction, or acceptance of the contractor's work; (2) interpretation or modification of the project plans or specifications; (3) submittal of test results or reports to any regulatory agency (unless specifically requested by the Client in writing); or (4) job site safety. The client is solely responsible for these items.

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FEES

We propose to perform our services on a time-and-expense basis at our current contract rates for these projects. The total additional fee for the scope of services described above is anticipated not-to-exceed \$ 55,220. A breakdown of our remaining services and associated fees is presented on the attached Table 1. To summarize existing remaining authorized budget with the estimates in Table 1, we are providing the information below:

Segment 1, Package 2

Estimated Fees for Anticipated Remaining Services	\$51,454
Remaining Authorized Budget	<u>\$14,523</u>
Request for Additional Authorization Amount	\$36,931

Laurel Road

Estimated Fees for Anticipated Remaining Services	\$22,776
Remaining Authorized Budget	<u>\$ 4,487</u>
Request for Additional Authorization Amount	\$18,289

Overtime will be charged per the conditions of our existing contract. Overtime was not anticipated in our estimates.

We have attempted to be realistic in developing our estimate for this project given our knowledge of the project at this time and conversations with your staff. Our budget will be directly affected by the project schedule, work force, jurisdictional requirements and events that occur during the duration of the project, which cannot always be predicted in advance. We will attempt to coordinate our services with your representative(s) to most efficiently service the project. In the event that construction activities result in additional fees beyond those described herein, we will contact you for any additional written budget increases, if necessary.

The California Prevailing Wage Law requires payment of a local "prevailing wage" to workers on publicly funded projects. This includes projects "paid for in whole or in part out of public funds" and has been expanded to include various types of payments, credits and monetary equivalents provided by the State or public entity. The Prevailing Wage Law extends to geotechnical engineering consultants, their soils/material testing and building inspection personnel. Services subject to prevailing wage are typically non-professional field services and are applicable during design as well as construction. This law significantly increases employee wages for qualified activities on publicly funded projects. It is our understanding that this project falls under the definition of a prevailing

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wage project. Therefore, we have increased our hourly rates for field services that we believe are subject to prevailing wage. If this project is not considered a prevailing wage project, please contact us for a revision to the cost estimate. We also need to be notified if certified payroll is required. If you informed us that the project is not subject to prevailing wage and later it is determined to be a prevailing wage project, you agree to reimburse Kleinfelder, Inc. the fee difference for any and all prevailing wage services and associated penalty.

LIMITATIONS

Materials testing and observation services provided by Kleinfelder will be performed in accordance with generally accepted procedures practiced within the site area at the time our services are provided. It should be noted that even with diligent monitoring, construction defects might occur. In all cases, the contractor is solely responsible for the direction and quality of work, adherence to the plans and specifications, and repair of defects regardless of when they are found.

The presence of our field representative does not constitute nor imply that Kleinfelder is providing any direction, supervision, or layout of the work of the contractor. Our services are not intended to, and therefore will not, include an evaluation of the safety practices of the contractor or his work force. The contractor is solely responsible for achieving these items.

The personal safety of our technicians is of paramount concern to Kleinfelder. Should conditions on the project site be found to be of concern, we will notify you of required mitigative steps and the costs to correct the problem. By doing so, Kleinfelder is in no way accepting responsibility for site safety, nor should such be assumed.

This proposal is valid for a period of 30 days from the date of the proposal. We reserve the right to review our scope and costs if an agreement to provide our services has not been reached within the 30-day period.

AUTHORIZATION

It is assumed that Parsons Brinckerhoff will issue a subcontract amendment for our remaining services. It is anticipated that this agreement will include the items and terms associated with our existing contract, including rates and fee estimates.

4A7

CLOSURE

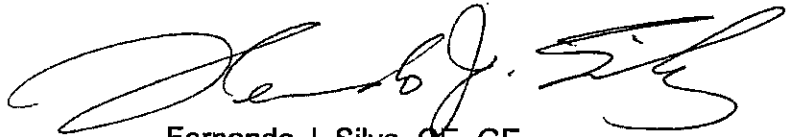
We appreciate the opportunity to continue our services to Parsons Brinckerhoff and look forward to continuing to serve your materials testing and inspection needs. If there are questions regarding this request, the associated fees, or if additional information is required, please contact Chris McCarty in our Pittsburg office at your earliest convenience.

Respectfully submitted,

KLEINFELDER, INC.



for: Chris A. McCarty
Materials Project Manager



Fernando J. Silva, CE, GE
Area Manager

CMc/FJS:mac

Enclosures: Table 1 – Cost Summary

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Provided as a Professional Courtesy - Subject To Change

**State Route 4 Bypass Project: Segment 1, Package 2 Additional Services
 Laurel Road Additional Services
 Prepared for Parsons Brinkerhoff Construction Services
 Antioch, California**

Bid A

Earthwork Testing and Inspection

<i>Labor Type</i>	<i>Activity</i>	Total Units	Unit Rate	Cost	
Field Technician	Field Density Testing; CTM 231	255.0	\$79.95	\$20,387.25	
	Soil Sampling	0.0	\$79.95	\$0.00	
Project Management	Consultation, Recommendations, etc.	20.0	\$128.13	\$2,562.60	
Administration	Administrative Support	5.0	\$65.00	\$325.00	
					Subtotal
					\$23,274.85

Earthwork Laboratory Testing

Laboratory Testing	California Impact; CTM 216	85.0	\$154.78	\$13,156.30	
	Sand Equivalent; CTM 217	10.0	\$94.30	\$943.00	
	Sieve Analysis; CTM 202	10.0	\$121.98	\$1,219.80	
	R-value Determination; CTM 301	5.0	\$232.68	\$1,163.40	
	UBC Expansion Index	5.0	\$150.00	\$750.00	
					Subtotal
					\$17,232.50
					TOTAL, Earthwork Testing
					\$40,507.35

Asphalt Testing and Inspection

<i>Labor Type</i>	<i>Activity</i>	Total Units	Unit Rate	Cost	
Field Technician	Asphalt Technician / Sampling and Testing	25.0	\$79.95	\$1,998.75	
	Cold Feed Sampling	12.0	\$79.95	\$959.40	
Project Management	Supervision, Consultation, etc.	10.0	\$135.00	\$1,350.00	
Administration	Administrative Support	2.0	\$65.00	\$130.00	
					Subtotal
					\$4,438.15

Asphalt Laboratory Testing

Laboratory Testing	Sand Equivalent; CTM 217	3.0	\$94.30	\$282.90	
	Sieve Analysis; CTM 202	5.0	\$121.98	\$609.90	
	Stabilometer; CTM 366; (set of 3)	3.0	\$137.35	\$412.05	
	LTMD	5.0	\$307.50	\$1,537.50	
	Oil Content w/ Sieve Analysis; CTM 310	5.0	\$221.40	\$1,107.00	
	Mix Moisture Content	3.0	\$21.75	\$65.25	
	Rice Specific Gravity; CTM 309	3.0	\$127.10	\$381.30	
	Swell	3.0	\$127.00	\$381.00	
					Subtotal
					\$4,776.90
					TOTAL, Asphalt Testing
					\$9,215.05

Masonry Construction Testing

<i>Labor Type</i>	<i>Activity</i>	Total Units	Unit Rate	Cost	
Field Technician	Sampling of Mortar and Grout	8.0	\$79.95	\$639.60	
Technician	Retrieve Strength Samples	4.0	\$79.95	\$319.80	
Project Management	Supervision, Consultation, etc.	4.0	\$128.13	\$512.52	
Administration	Administrative Support	1.0	\$65.00	\$65.00	
					Subtotal
					\$1,536.92

Masonry Laboratory Testing

Laboratory Testing	Compressive Strength of Grout Samples	8.0	\$24.34	\$194.72	
					Subtotal
					\$194.72
					TOTAL, Masonry Testing
					\$1,731.64

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Provided as a Professional Courtesy - Subject To Change

**State Route 4 Bypass Project: Segment 1, Package 2 Additional Services
 Laurel Road Additional Services
 Prepared for Parsons Brinkerhoff Construction Services
 Antioch, California**

Bid A

BID A ESTIMATED REMAINING FEES \$51,454.04

BID B

Earthwork Testing and Inspection

<i>Labor Type</i>	<i>Activity</i>	Total Units	Unit Rate	Cost	
Field Technician	Field Density Testing; CTM 231	52.0	\$79.95	\$4,157.40	
	Soil Sampling	8.0	\$79.95	\$639.60	
Project Management Administration	Consultation, Recommendations, etc.	15.0	\$128.13	\$1,921.95	
	Administrative Support	4.0	\$65.00	\$260.00	
				Subtotal	\$6,978.95

Earthwork Laboratory Testing

Laboratory Testing	California Impact; CTM 216	13.0	\$154.78	\$2,012.14	
	Sand Equivalent; CTM 217	4.0	\$94.30	\$377.20	
	Sieve Analysis; CTM 202	4.0	\$121.98	\$487.92	
	R-value Determination; CTM 301	2.0	\$232.68	\$465.36	
	UBC Expansion Index	0.0	\$150.00	\$0.00	
				Subtotal	\$3,342.62

TOTAL, Earthwork Testing \$10,321.57

Asphalt Testing and Inspection

<i>Labor Type</i>	<i>Activity</i>	Total Units	Unit Rate	Cost	
Field Technician	Asphalt Technician / Sampling and Testing	40.0	\$79.95	\$3,198.00	
	Plant Inspector/Inspection	0.0	\$79.95	\$0.00	
	Cold Feed Sampling	10.0	\$79.95	\$799.50	
	Asphalt Coring	0.0	\$79.95	\$0.00	
Project Management Administration	Supervision, Consultation, etc.	10.0	\$128.13	\$1,281.30	
	Administrative Support	2.0	\$65.00	\$130.00	
Special Equipment	Coring Equipment/day	2.0	\$145.00	\$290.00	
				Subtotal	\$5,698.80

Asphalt Laboratory Testing

Laboratory Testing	Sand Equivalent; CTM 217	0.0	\$94.30	\$0.00	
	Sieve Analysis; CTM 202	10.0	\$121.98	\$1,219.80	
	Stabilometer; CTM 366; (set of 3)	1.0	\$137.35	\$137.35	
	LTMD	10.0	\$307.50	\$3,075.00	
	Oil Content w/ Sieve Analysis; CTM 310	10.0	\$221.40	\$2,214.00	
	Mix Moisture Content	5.0	\$21.75	\$108.75	
	Rice Specific Gravity; CTM 309	0.0	\$127.10	\$0.00	
	Swell	0.0	\$127.00	\$0.00	
				Subtotal	\$6,754.90

TOTAL, Asphalt Testing \$12,453.70

BID B ESTIMATED REMAINING FEES \$22,775.27

4B1

**STATE ROUTE 4
BYPASS AUTHORITY**

DATE: October 11, 2007

TO: Board of Directors

FROM: Dale Dennis, Program Manager



SUBJECT: Segment 2, Sand Creek Intersection Lowering Project Construction Management Services by Harris and Associates Contract Amendment

Recommendation: **APPROVE** Consulting Services Agreement Amendment with Harris and Associates (Harris) in the amount of \$98,580 for a revised total amount of \$496,844 for construction management services for the Sand Creek Intersection Lowering Project, and **AUTHORIZE** the Secretary or his designee to sign the amendment on behalf of the Authority.

Discussion:

Staff proposes to amend the existing contract with Harris to increase the original construction management services budget for the intersection lowering project. The original proposal by Harris was based on the schedule as outlined in the project contract documents with normal workday hours, and some night work. In order to achieve the Stage 1A Traffic Switch by the end of September, and more importantly to schedule and complete the Stage 1B construction within the contract "window" of September 28th to October 15th, the contractor has chosen to work 10-hour night shifts and weekends in addition to 8-hour work days. This level of activity is anticipated to continue in order to meet contract milestones and complete the project before the winter rains. There have also been utility issues that have required a significant amount of coordination by Harris, and increased survey time due to the complexity of Traffic Handling and Detour plans. In addition, unsuitable subgrade (farmland clay) has been encountered during roadway excavation (*the subject of another staff report*) along Sand Creek Road and the Bypass that has affected the planned work by the contractor.

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ACTION OF BOARD ON _____ **APPROVED AS RECOMMENDED** ___ **OTHER**___

VOTE OF DIRECTORS
_____ **UNANIMOUS (ABSENT** _____)
AYES:_____ **NOES:** _____
ABSENT:_____ **ABSTAIN:** _____

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Directors on the date shown.

ATTESTED _____
Secretary to the Authority

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Staff recommends approving an amendment to the Harris contract to increase the original budget for construction management services for Sand Creek Intersection Lowering by \$98,580 to \$494,844 to cover the above work. The total contract amount, including the proposed amendment, is \$3,404, 868. Additional detail is provided in the attached scope and budget prepared by Harris.

The project plans were accelerated to take advantage of this year's construction season and to ensure that the project was completed prior to the switching of traffic onto Segment 1 later this year. With the accelerated schedule, a number of issues have been encountered and addressed in the field that may have been addressed in the plans had there been additional design time. By accelerating the advertisement of the project, the Authority was able to take advantage of a competitive bidding climate. (The low bidder was approximately \$575,000 below the Engineer's Estimate.) In addition, by accelerating construction one-year, a projected savings of about \$300,000 is being realized due to cost escalation.

H&A – BPA # 05.004.017



Harris & Associates

Program Managers
Construction Managers
Civil Engineers

October 2, 2007

Dale O. Dennis, Program Manager
State Route 4 Bypass Authority
c/o Contra Costa County Public Works Department
255 Glacier Drive
Martinez, CA 94553

Subject: H&A CSA, Budget Revision #17

**Re: State Route 4 Bypass
Sand Creek Interchange, Phase 1, Stage 1: Intersection Lowering
Project No. 4660-6X4435**

Dear Dale:

As you are aware, we have been spending a great amount of CM time on the Sand Creek Rd. Intersection Lowering project in an effort to achieve the Stage 1A Traffic Switch, and more importantly to schedule and complete the Stage 1B construction within the school 'window' of 9/28 – 10/15/07. Presently, we are scheduled to make the Traffic Switch on 10/5/07, and complete Stage 1B no later than 10/15/07.

In order to get to the aforementioned Milestones, the Contractor, Granite Construction Co., has been working 8 hr. days, regular 10 hr. nights since mid- August, and partial weekends as necessary. We have been juggling H&A personnel to maintain coverage, but it has been difficult. Unfortunately, due to the extremely tight schedule on this project, it appears that this kind of activity will continue through October if we are to stay on track and complete before the winter rains. The above, along with the fact that the Traffic Handling & Detour (thus Roadway section) plans are quite complex, and that we have run into Unsuitable Subgrade (original farmland clay), are causing me to be concerned about the CM budget.

Per our discussions, I understand the project plans were accelerated to take advantage of this summer/fall season and to ensure that the project was completed prior to the switching of traffic onto Segment 1 later this year. Also, per our discussions, with the accelerated schedule, a number of issues have been encountered and addressed in the field that may have been addressed in the plans had there been additional design time. On the other hand, by accelerating the advertisement of the project, the Authority was able to take advantage of a competitive bidding climate, and the low bidder was some \$575,500 below the Engineers Estimate. In addition, by accelerating the construction by one year, I understand that a projected savings of some \$300,000 is being realized due to a savings in cost escalation.

File Index: 05.006, 05.006
Issue File: UNSUIT

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Although we are presently (through the month of August) somewhat below the original budget to date, the job started somewhat later than planned (7/30/07), and I anticipate the present aggressive work schedule to continue longer than we expected in June. Accordingly, I have worked up a revised budget for your consideration. See comments regarding this budget, below:

- 1.) Increased Survey time due to complexity of the Traffic Handling & Detour plans, and the requirement to do significant work under live Traffic/Traffic Control.
- 2.) Added some Office Engineer time with Craig Pyle to help with Submittals, Progress Payments, and Weekly meetings, so I can concentrate on Schedule and Issues in the field.
- 3.) Added inspection hours to allow for coverage of increased day, night, and W/E work by Granite and subs.

In accordance with the above, it appears that an adjustment to our present Consulting Services Agreement now, in the amount of \$98,580, would carry us through contract completion and close-out, ideally to be done at year's end. If you have any questions as regards the above, please contact me as soon as possible

Sincerely,

Harris & Associates



Ted Hamilton
Construction Manager

cc: N. Wein - SR4BA


File Index: 05.006, 05.006
Issue File: UNSUIT

401

**STATE ROUTE 4
BYPASS AUTHORITY**

DATE: October 11, 2007

TO: Board of Directors

FROM: Dale Dennis, Program Manager 

SUBJECT: Approve Segment 1, Construction Package 2, Contract Change Orders and an increase in the contingency budget

Recommendation:

Staff recommends the Board take the following actions:

1. **APPROVE** Contract Change Order Nos. 70S1 and 84 with De Silva Gates Construction/FCI Constructors JV, for an estimated cost increase of \$405,000 for Segment 1, Package 2, and **AUTHORIZE** the Secretary or his designee to sign the change orders on behalf of the Authority.
2. **APPROVE** an increase in the project contingency budget of \$732,215 to reestablish a 5% project contingency after consideration of extra work associated with the City of Brentwood waterline installation.

Discussion

Contract Change Order No. 70S1

This change order is for contract number 4460-6X4374, Laurel Road Extension. This change order is for modifications to the 1219mm steel waterline that is being installed for the City of Brentwood as part of the Randoll Bold Treatment plant. After bid opening, the Contra Costa Water District (CCWD) requested significant changes to the waterline. The changes include reversing the slope of the waterline, lowering the waterline by nearly 20-feet and shifting the location of the waterline closer to other existing utilities. In addition to these changes, CCWD

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ACTION OF BOARD ON _____ **APPROVED AS RECOMMENDED** ___ **OTHER** _____

VOTE OF DIRECTORS
_____ **UNANIMOUS (ABSENT** _____)
AYES: _____ **NOES:** _____
ABSENT: _____ **ABSTAIN:** _____

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Directors on the date shown.

ATTESTED _____
Secretary to the Authority