



City of Sacramento City Council

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915 I Street, Sacramento, CA, 95814
www.CityofSacramento.org

Meeting Date: 12/6/2011

Report Type: Consent

Title: Del Paso Road and Interstate 5 Traffic Signalization Project (S15084900)

Report ID: 2011-00982

Location: Del Paso Road & Interstate 5 Interchange, District 1

Recommendation: Adopt a Resolution: 1) transferring \$136,000 (Fund 2007) from the Major Streets Improvements Project (T15108000) to the project; 2) approving Change Order No. 4 in the amount of \$141,844 with DeSilva Gates Construction, LP; and 3) resetting the City Manager's authority for the construction contract with DeSilva Gates Construction, LP.

Contact: Ricky Chuck, Senior Engineer, (916) 808-5050; Nicholas Theocharides, Engineering Services Manager, (916) 808-5065, Department of Transportation

Presenter: None

Department: Transportation Department

Division: Civil & Electrical Design

Dept ID: 15001131

Attachments:

- 1- Description/Analysis
- 2 - Background Information
- 3 - Resolution
- 4- Exhibit A - Location Map
- 5- Exhibit B - Change Order No. 4

City Attorney Review

Approved as to Form
Jerry Hicks
11/29/2011 3:08:46 PM

City Treasurer Review

Reviewed for Impact on Cash and Debt
Russell Fehr
11/22/2011 6:20:56 PM

Approvals/Acknowledgements

Department Director or Designee: Jerry Way - 11/28/2011 9:00:33 AM

Description/Analysis

Issue: The Del Paso Road and Interstate 5 Traffic Signalization Project (S15084900) requires a transfer of funds to cover Change Order No. 4 with DeSilva Gates Construction, LP, which includes hydroseeding to comply with the current Storm Water Pollution Prevention Plans, more excavation due to unsuitable material encountered, installing fiber optic cable, raising traffic signal heads per Caltrans requirements, installing extra signage, re-phasing work, and constructing wider pavement, a new paved shoulder for Caltrans' future auxiliary lane and to cover project closeout costs.

Policy Considerations: The project is consistent with the City's 2030 General Plan and the Metropolitan Transportation Plan (MTP).

Environmental Considerations:

California Environmental Quality Act (CEQA): This project includes administrative activities that are not considered a project as defined by Section 15378 of the California Environmental Quality Act (CEQA) Guidelines. The activity does not involve physical construction and has no potential to cause a significant impact on the environment (CEQA Section 15061 (b)).

Sustainability Considerations: Not applicable.

Other: None.

Commission/Committee Action: None.

Rationale for Recommendation: Transfer of funds is necessary to fund project closeout.

Financial Considerations: The estimated total project cost is \$4,383,608.

As of November 11, 2011, the Del Paso Road and Interstate 5 Traffic Signalization Project (S15084900) has a total budget of \$4,247,608 consisting of North Natomas funds and a contribution from Caltrans and an unobligated balance of \$38,951. Approval of the transfer in the amount of \$136,000 (Fund 2007) from the Major Street Improvements Project (T15108000) will increase the total budget to \$4,383,608 and the unobligated balance to \$174,951, which is sufficient to cover Change Order No. 4 and project closeout costs.

The Major Street Improvement Project (T15108000) has a total budget of \$335,476 consisting of local transportation funds. As of November 11, 2011, the unobligated balance is \$335,476 which is sufficient to complete the transfer of \$136,000 (Fund 2007) to the Del Paso Road and Interstate 5 Traffic Signalization Project (S15084900).

No general funds are planned or allocated to this project.

Emerging Small Business Development (ESBD): None, since no goods or services are being procured with this action.

Background:

This project is located at Del Paso Road and Interstate 5 in the North Natomas area. Improvements to this interchange are required to accommodate the development of the area in the North Natomas Community Plan. Improvements include signalization of the two off-ramps, eliminating the free right turn lane, reconstructing curb ramps, filling sidewalk gaps, installing ramp metering at the southbound diagonal and southbound loop on-ramps to improve I-5 traffic flow during peak periods, widening the southbound loop on-ramp to accommodate vehicle queues, and extending a southbound I-5 auxiliary lane to start at the loop on-ramp, which will make it easier for motorists to merge onto I-5.

Construction began in August 2010 and was completed in October 2011. Completion of the project required additional work which includes hydroseeding to comply with the current Storm Water Pollution Prevention Plans, more excavation due to insufficient subgrade section and unsuitable material encountered, installing fiber optic cable, and raising traffic signal heads per Caltrans requirements, installing extra signage, re-phasing work, and constructing wider pavement and a new paved shoulder for Caltrans' future auxiliary lane. Construction was extended from one construction season to two construction seasons.

This project requires additional funding to close out the project. Approval of the transfer of additional funds in the amount of \$136,000 (Fund 2007) from the Major Street Improvements Project (T15108000) will cover increases in contract quantities, final expenses, and closeout the project.

Change Order No. 1 in the amount of \$125,798 covered extra work requested and paid for by Caltrans.

Change Order No. 2 in the amount of \$24,000 covered extra work due to Storm Water Pollution Prevention Program (SWPPP) requirements.

Change Order No. 3 in the amount of \$116,447 covered the estimated increases in contract item quantities, installing extra signage on Del Paso Road, relocating K-rails on the southbound on-ramp on I-5, and re-phasing work.

RESOLUTION NO.

Adopted by the Sacramento City Council

APPROPRIATING FUNDS FOR THE DEL PASO ROAD AND INTERSTATE 5 TRAFFIC SIGNALIZATION PROJECT (S15084900)

BACKGROUND

- A. The project is located on Del Paso Road and Interstate 5 in the North Natomas area. Improvements to this interchange are required to accommodate the development of the area as dictated in the North Natomas Community Plan.
- B. Construction began in August 2010 and was open to traffic in October 2011. Completion of the project requires additional work which includes hydroseeding to comply with the current Storm Water Pollution Prevention Plans, more excavation due to an insufficient subgrade section and unsuitable material encountered, installing fiber optic cable, raising traffic signal heads, installing extra signage, re-phasing work, and constructing wider pavement and a new shoulder for Caltrans' future auxiliary lane. Construction was extended from one construction season to two construction seasons. Additional funding is needed to perform additional work to cover increases in contract quantities, cover final expenses, and closeout the project.
- C. Change Order No. 1 in the amount of \$125,798 covered extra work requested and paid for by Caltrans.

Change Order No. 2 in the amount of \$24,000 covered extra work due to Storm Water Pollution Prevention Program (SWPPP) requirements.

Change Order No. 3 in the amount of \$116,447 covered the estimated increases in contract item quantities, installing extra signage on Del Paso Road, relocating K-rails on the southbound on-ramp on I-5, and re-phasing work.

BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:

- Section 1. The FY 11/12 Capital Improvement Program is amended by transferring \$136,000 (Fund 2007) from the Major Streets Improvements Project (T15108000) to the Del Paso Road and Interstate 5 Traffic Signalization Project (S15084900).
- Section 2. The City Manager is authorized to execute Change Order No. 4 in the amount of \$141,844 with DeSilva Gates Construction, LP.
- Section 3. The City Manager's authority is reset for the construction contract with

DeSilva Gates Construction, LP.

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Exhibit A: Map of Del Paso Road & Interstate 5 Traffic Signal Project

Exhibit B: Change Order No. 4



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EXHIBIT A

Location Map for Del Paso Road & Interstate 5 Traffic Signal Project (S15084900)



Project Location

Department of **TRANSPORTATION**
City of Sacramento

Map Contact: S. Tobin
Map Date: Mar, 2009

0 650 1,300 2,600 3,900 5,200 Feet





City of Sacramento
CHANGE ORDER

Project #: S15084900

Contract #: 2010-0536

Date: 11/14/2011

Purchase Order #: 0000012352

Change Order #: 4

Sacramento, California

TO: Desilva Gates Construction, LP , Contractor

CONTRACT FOR: Interstate 5/Del Paso Rd Signal & Ramp Modification

Upon Mutual acceptance of this document by the City of Sacramento, hereinafter referred to as "City", and your firm, hereinafter referred to as "Contractor", in accordance with the terms and conditions of the original contract documents, you are hereby directed to make the following changes for the consideration set forth below:

Description:

See Exhibit A _____

The original contract sum was	<u>\$2,808,950.00</u>
The net change by previous Change Orders was	<u>\$266,245.28</u>
The contract sum prior to this Change Order was	<u>\$3,075,195.28</u>
The contract sum will be increased by this Change Order	<u>\$141,844.31</u>
The new contract sum including all Change Orders	<u>\$3,217,039.59</u>

Contractor agrees that the amount of increase or decrease in the contract sum specified in this Change Order shall constitute full compensation for the work required by this Change Order, including but not limited to all compensation for the additional and/or revised work specified herein, and shall fully compensate Contractor for any and all direct and indirect costs that may be incurred by Contractor in connection with such additional and/or revised work, including any changes disruptions or delays in work schedules or in the performance of other work by Contractor. The time for the performance of the contract is increased by 0 Calendar Days by reason of the performance of the work required by this Change Order. Except as herein above expressly provided, Contractor further agrees that the performance of the work specified in this Change Order or the rescheduling of other project work made necessary by this Change Order, shall not constitute a delay which will extend the timelimit for completion of the work as said term is used in the contract between the City and the Contractor for the project.

Approval Recommended by:

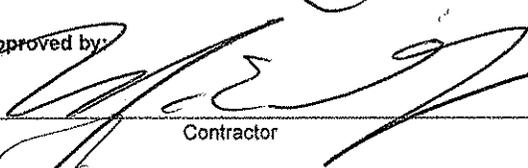


Project Manager

Approved by:

City of Sacramento

Approved by:

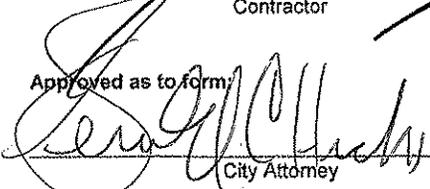


Contractor

Attested to by:

City Clerk

Approved as to form:



City Attorney

Exhibit A
Interstate 5/Del Paso Rd Signal & Ramp Modification
2010-0536
11/14/11

<i>Description</i>	<i>Amount</i>
Change Order #4	
PCO # 26.0 Client Initiated Changes	\$9,000.00
11/14/11 Extra work to move type K-railing to provide more width for "D17 M" line south bound on ramp to I-5 from west bound Del Paso Road at agreed lump sum \$9,000.	
PCO # 27.0 Client Initiated Changes	\$7,345.73
11/14/11 Extra work to replace crash cushion module damaged by public traffic on "D1" line at the end of north bound off ramp to west bound Del Paso Road paid by time and material at \$7,345.73.	
PCO # 28.0 Changed/Unforeseen Conditions	\$1,390.15
11/14/11 Extra work to place geo grid on line "D17" due to unforeseen ground water at south bound on ramp from east bound of Del Paso Road paid by time and material at \$1,390.15.	
PCO # 29.0 Changed/Unforeseen Conditions	\$19,652.33
11/14/11 Extra work to supply 10 rolls of geo grid for line "D17" due to unforeseen ground water at agreed lump sum \$19,652.33.	
PCO # 30.0 Changes to Bid Documents	\$11,678.35
11/14/11 Extra work to correct grade and replace concrete for superelevation curve on south bound line "D11" from west bound of Del Paso Road paid by time and material at \$11,678.35	
PCO # 31.0 Changed/Unforeseen Conditions	\$4,315.98
11/14/11 Extra work to excavate and replace subgrade on line "D17" at the end of south bound from east bound Del Paso Road due to rain and ground water paid by time and material at \$4,315.98.	
PCO # 32.0 Client Initiated Changes	\$9,070.41
11/14/11 Extra work to excavate and replace subgrade at the end of north bound off ramp to east bound Del Paso Road paid by time and material at \$9,070.41.	
PCO # 33.0 Changes to Bid Documents	\$9,511.02
11/14/11 Extra work to adjust traffic rated boxes to grade per City and SMUD paid by agreed lump sum \$9,511.02.	
PCO # 34.0 Changed/Unforeseen Conditions	\$814.70
11/14/11 Extra work to lower storm drainage under fiber optic due to conflict found at north bound on ramp from east bound Del Paso paid by time and material at \$814.70.	
PCO # 35.0 Client Initiated Changes	\$12,759.22
11/14/11 Extra night work to grind pavement under bridge on south bound I-5 for all lanes to comply with regulatory requirements paid by time and material at \$12,759.22.	
PCO # 36.0 Client Initiated Changes	\$2,258.78
11/14/11 Extra work to reinstall Caltrans supplied overhead signal lights paid by time and material at \$2,258.78. The installation is due to sight distance.	
PCO # 37.0 Client Initiated Changes	\$1,665.00
11/14/11 Increase Bid Item No. 28 "Remove Base and Surfacing" by 333 cubic yards at \$5 per cubic yard. The increase is to add roadway base repair at Station 18+00 on No. 2 lane west on bound Del Paso Road.	
PCO # 38.0 Changes to Bid Documents	\$405.00
11/14/11 Increase Bid Item No. 32 "Cold Plane Asphalt Concrete Pavement" by 405 square yards at \$1 per square yard. The increase is to add cold plane at Station 17+50 on No. 2 lane approaching south bound on ramp.	

PCO # 39.0	Changes to Bid Documents	\$22,764.40
11/14/11	Increase Bid Item No. 38 "Erosion Control (Hydroseed)" by 23,963 square yard paid by lime and material at \$22,764.4. The increase is at various locations.	
PCO # 40.0	Client Initiated Changes	\$4,365.00
11/14/11	Increase Bid Item No. 40 "Class 2 Aggregate Base" by 97 tons at \$45 per ton. The increase is at various locations..	
PCO # 41.0	Client Initiated Changes	\$1,600.00
11/14/11	Increase Bid Item No. 43 "Rubberized Hot Mix Asphalt (Open Graded)" by 20 tons at \$80 per ton. The increase is at various locations.	
PCO # 42.0	Client Initiated Changes	\$6,570.00
11/14/11	Increase Bid Item No. 44 "Hot Mix Asphalt" by 90 tons at \$73 per ton. The increase is at various locations.	
PCO # 43.0	Client Initiated Changes	\$6,100.00
11/14/11	Increase Bid Item No. 47 "Base Failure Repair" by 1,220 square feet at \$5 per square foot. The increase is at various locations.	
PCO # 44.0	Client Initiated Changes	\$345.24
11/14/11	Increase Bid Item No. 57 "Furnish Single Sheet Aluminum Sign (0.080" - Unframed)" by 28.77 square feet at \$12 per square foot. The increase is at various locations.	
PCO # 45.0	Client Initiated Changes	\$300.00
11/14/11	Increase Bid Item No. 66 "36" Precast Concrete Pipe Inlet" by 0.5 lineal foot at \$600 per lineal foot. The increase is at various locations.	
PCO # 46.0	Client Initiated Changes	\$9,933.00
11/14/11	Increase Bid Item No. 69 "Minor Concrete (Miscellaneous) construction" by 33.11 cubic yards at \$300 per cubic yard. The increase is at various locations.	

21 Items Total for Change Order # 4 \$141,844.31

21 Items	Total for Contract # 2010-0536	\$141,844.31
<i>Totals By Reason</i>	Changed/Unforeseen Conditions	\$26,173.16
	Changes to Bid Documents	\$44,358.77
	Client Initiated Changes	\$71,312.38