STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

REQUEST FOR PROPOSALS

FOR DESIGN AND CONSTRUCTION ON STATE HIGHWAY IN

LOS ANGELES COUNTY IN THE CITY OF BALDWIN PARK AT ROUTE 10/605 INTERCHANGE

CONTRACT NO. 07-245404

PROJECT ID 0700000431

07-LA-10-PM 31.1/32.3
07-LA-605-PM R20.2/20.6

Federal Aid Project

NHI-X037(154)N

Addendum No. 4 Issued November 2, 2011

The Department issues this Addendum No. 4 to inform Proposers of the following changes and corrections to the RFP.

INSTRUCTIONS TO PROPOSERS

The Instructions to Proposers is modified as indicated by the deletions and additions set forth below.

Section 1.12 "Estimated Cost; Maximum Time Allowed" is modified as indicated below:

1.12 Estimated Cost; Maximum Time Allowed

The estimated cost of the Project is $ 50,000,000.

Substantial Completion of the Project will be required to be achieved no later than ~~520~~ 560 Working Days.

Final Acceptance of the Project will be required to be achieved no later than 365 Calendar Days.

Table 2-1 "Procurement Schedule" is modified as indicated below:

Table 2-1 Procurement Schedule	
Issuance of RFQ	January 5, 2011
SOQ Due Date	February 11, 2011
Prequalification Announcement	March 25, 2011
Issuance of RFP by Department to Prequalified Proposers	August 12, 2011
Data Room, Access Permitted	August 12, 2011
Pre-Bid Conference	September 8, 2011
One-on-One Meetings	September 15-16, 2011
ATC Submittal Due Date	October 7, 2011
Request for Clarifications Submittal Deadline	October 7, 2011
ATC Response Date	October 26, 2011
Technical Proposal Due Date	November 18, 2011
Price Proposal Due Date	November ~~18~~28, 2011
Good Faith Efforts Documentation Due Date	December 5, 2011
Public Opening Date	December 16, 2011
NTP1	February 3, 2012

Section 4.5 “Proposal Delivery” is modified as indicated below:

4.5 Proposal Delivery

Technical Proposals shall be mailed or delivered to Department as set forth below:

Department of Transportation
District 7 Office
Division of Project/Program Management
100 South Main Street
Los Angeles, CA
Attention: Mehdi Salehinik, Project Manager
Telephone: (213) 897-7195

Price Proposals and Good Faith Efforts Documentation shall be mailed or delivered to Department as set forth below:

Department of Transportation
Bidder's Exchange (MS26)
1727 30th St
Sacramento, CA 95816

Acknowledgment of receipt of Technical and Price Proposals will be evidenced by the issuance of a receipt by a member of Department staff. Department will not accept facsimile or other electronically submitted Proposals. Department will not accept any Technical or Price Proposals delivered after the Technical or Price Proposal Due Date, as applicable. Any Technical or Price Proposals received after the Technical or Price Proposal Due Date, as applicable, will be rejected and not considered. Proposers are solely responsible for assuring that Department receives their Proposals by the Technical and Price Proposal Due Dates, as applicable, at the address listed above. Department shall not be responsible for delays in delivery caused by weather, difficulties experienced by couriers or delivery services, misrouting of packages by courier or delivery services, improper, incorrect or incomplete addressing of deliveries and other occurrences beyond the control of Department. Proposals and Good Faith Efforts Documentation shall be received between 7:00 a.m. and 2:00 p.m., Pacific Time, on the due dates identified in Section 2.

Appendix B, Section 3.4 is modified as indicated below:

3.4 Equal Employment Opportunity Certification (Form 5): The Proposal shall include an executed copy of Form 5, regarding participation in contracts subject to federal equal employment opportunity requirements. One copy of Form 5 must be executed by each of the Proposer, each Principal/Major Participant and any proposed ~~non-exempt~~ Subcontractors/Subconsultants. Form 5 should be duplicated and executed by the Proposer, Principal/Major Participants and proposed ~~non-exempt~~ Subcontractors/Subconsultants. The executed Form 5 shall be included in Volume 1A.

Appendix B, Section 3.6 is modified as indicated below:

3.6 Certification Regarding Use of Contract Funds for Lobbying (Form 7): The Proposal shall include executed copies of Form 7, regarding use of contract funds for lobbying. One copy of Form 7 must be executed by each of the Proposer, each Principal/Major Participant, and any proposed Subcontractors/Subconsultants. Form 7 should be modified and duplicated as needed and must be executed by Proposer, Principal/Major Participants, all proposed Subcontractors/Subconsultants. If applicable, provide Standard Form – LLL, "Disclosure of Lobbying Activities," included in Form7 (Part 3). The executed Form 7 shall be included in Volume 1A

BOOK 1 DESIGN-BUILD CONTRACT

The Book 1, Design-Build Contract, is modified as indicated by the deletions and additions set forth below.

Section 1.5 "Referenced Standards and Specifications" is modified as indicated below:

1.5 Referenced Standards and Specifications

Except as otherwise specified in the Contract Documents or otherwise directed by Department, Work specified by the number, symbol or title of any standard established by reference to a described publication affecting any portion of the Project shall comply with the latest edition or revision thereof and amendments and supplements thereto in effect ~~on~~ as of the Request For Proposals (RFP) issue Date unless modified by Addendum or Change Order~~the Proposal Due Date~~.

Section 4.3.2 "Substantial Completion Deadline" is modified as indicated below:

4.3.2 Substantial Completion Deadline

Design-Builder shall achieve Substantial Completion within ~~520~~ 560 Working Days after Department issues NTP1. Said deadline for Substantial Completion, is referred to herein as the "Substantial Completion Deadline."

BOOK 2 PROJECT REQUIREMENTS

The Book 2, Project Requirements, is modified as indicated by the deletions and additions set forth below.

Section 13.3.1.1 "Bridge scope and work" is modified as indicated below:

13.3.1.1 Bridge scope and work

The bridge structure has an estimated total length of 4,145 feet and the bridge description and work shall include the following:

a) Design and construct abutments and column pier/bent substructures. The superstructure shall be supported on single-column bents and seat-type abutments.

b) Design and construct a 15-span bridge superstructure with a length of 3,280 feet; the proposed superstructure is a CIP/PS progressive segmental box girder frame spanning over I-605 mainline and a balanced segmental CIP/PS box girder frame spanning over I-10 mainline. The remaining spans are constructed of CIP/PS box girder superstructure. The structural depth is minimum 10'-0" crossing over I-605 and varies from 10'-0" to 18'-0" when crossing I-10. Construct Type 736 barrier rail on the left edge of deck and Type 742 barrier rail on the right edge of deck.

c) Design and construct earth-retaining approaches to the bridge with estimated length of: a 510 feet and a 360 feet MSE wall at the beginning and the end of the bridge, respectively.

d) Design and construct Approach Slab Type N(30S) at both ends of the bridge.

e) Remove and reconstruct a portion (approximately 1000 ft in length) of the existing soundwall and pile foundations in conflict with the proposed bridge column/footing locations.

f) Remove portions of the existing soundwall that conflict with the project work where the connector roadway merges with the I-10 eastbound mainline and reconstruct soundwall from the end bridge abutment to the existing soundwall along Dalewood Street.

g) The bridge deck shall be subject to "grinding and longitudinal grooving" in accordance with the Department Specifications for reduce noise on decks. This will require the placement of an additional ¼" thickness of sacrificial concrete cover to the top mat prior to grinding and grooving.

h) Construct joint seal assemblies across all joints.

Additional design requirements shall include the following:

a) The bridge shall be designed and constructed to accommodate future overlay loads (35psf).

b) The bridge superstructure exterior girder face shall have consistent geometry throughout the bridge lengths.

c) If the bridge superstructure exterior girder face is vertical, then the exterior soffit corner shall be rounded and the exterior girder face shall have a two-inch aesthetic treatment similar to that on the NB605/Rte10 Separation (53-3027H).

d) For segmental bridges, the bridge decks shall be prestressed in the transverse direction.

e) If precast segmental box girders are used on any span, then an 1-inch maximum polyester concrete wearing surface shall overlay the concrete deck of the entire bridge.

f) If rectangular column sections are used, then a minimum 1-ft by 1-ft chamfer shall be provided at all exterior corners.

g) The barrier rails shall provide two 2-inch electrical conduits and one 3-inch conduit.

h) Aesthetics of the structures shall meet the requirements in Book 2 Section 15- Visual Quality Management.

i) Under all service load combinations (including long-term effects of concrete creep and shrinkage), the bridge superstructure shall provide the required vertical and horizontal clearances, and maintain the design vertical profile during the bridge design service life.

j) The Design-Builder shall submit the High Performance Concrete Data Sheet (as shown on Exhibit 13-B) when High Performance Concrete (concrete compressive strength greater than or equal to 6,000 psi) is used for any elements of the bridge structure.

k) Bridge layout shall accommodate a future 12-ft wide lane on the exterior side of Southbound I-605 mainline.

l) For post-tensioning, non-future tendons must be internal and fully bonded to the concrete along the entire length.

m) Deck overhang length shall not be larger than 50% of the backspan length.

Section 14.4.3 "Plant Establishment" is modified as indicated below:

14.4.3 Plant Establishment

~~The Plant Establishment shall commence upon receipt of a written "Notice of Substantial Landscape Completion".~~ The Design-Builder shall follow "Plant Establishment Work~~(Type 2)~~" as defined in *Caltrans Standards Specifications* and Standard Special Provisions. The Plant Establishment shall be Type 2 for a period ~~shall last for~~of 365 calendar days. All landscape installations shall be completely maintained by the Design-Builder during the Plant Establishment. Landscape installations will be audited on at least a monthly basis to determine the acceptability of the maintenance Work. Nonconforming maintenance will be brought up to acceptable levels within five (5) Days of receipt of notice of maintenance deficiencies. Weeds shall be controlled within the entire project limits as described the *Caltrans Standard Specifications* and Standard Special Provisions for Plant Establishment Work.

Section 16.3.7.3 "Lighting Under Structures" is modified as indicated below:

16.3.7.3 ~~Lighting Under Structures~~Reserved

~~The Design-Builder shall provide understructure lighting for all structures (except box culverts) within the Project limits.~~

~~The Design-Builder shall provide lighting that is consistent with the illuminance levels and uniformity of the surrounding lighting system.~~

~~The Design-Builder shall design, furnish, and construct all understructure lighting to eliminate the need for lane closures during post-construction maintenance and shall locate luminaires to reduce the likelihood of tampering and damage by vandals.~~

~~Levels of illumination required under bridges shall be a minimum of 4.0 foot-candles measured horizontally on the surface of the walkway and vertically at a height of 6 feet above finished grade, with an average to minimum illumination uniformity ratio of 3:1.~~

Section 18.2.3 "Traffic Management Plan" is modified as indicated below:

18.2.3 Traffic Management Plan

The Design-Builder shall develop, implement, and maintain a Traffic Management Plan (TMP) that includes the following items:

- Descriptions of the duties of the Traffic Engineering Manager, Traffic Control Supervisor and other personnel with MOT responsibilities.
- A Traffic Management Plan Checklist completed under the direction of the Traffic Engineering Manager. See ~~attachment~~ Exhibit 18-B~~A~~.
- Procedures to identify and incorporate the needs of emergency service providers, law enforcement entities, local governments and agencies, and other related corridor users.
- Procedures to address special circumstances such as equipment malfunctions, traffic incidents, and special events.
- Procedures to modify the TMP as needed to adapt to current Project circumstances.
- Procedures to communicate TMP information to the Design-Builder's public information personnel, the Department's Public Information Office, and notify the public of Maintenance of Traffic issues in conjunction with the requirements of Book 2, Section 3.

Add Exhibit 18-B "Traffic Management Plan Checklist" attached.

BOOK 3 APPLICABLE STANDARDS

Section 1 Index of Standards, Manuals, Guidelines and References is modified as follows:

Add the following reference to the Index of Standards, Manuals, Guidelines and References.

American Segmental Bridge Institute	Construction Practice Handbook for Concrete Segmental and Cable-Supported Bridges 2nd Edition, June 2008	IS	http://www.asbi-assoc.org/index.cfm/publications/publications

REFERENCE INFORMATION DOCUMENTS (RID)

See revised RID Index for a list of provided Reference Information Documents in the Data Room.

EXHIBIT 18-B
SAMPLE TMP CHECKLIST

TRAFFIC MANAGEMENT PLAN CHECKLIST
(Preliminary TMP Elements and Costs)

Co/Rte/KP _____ EA _____ Alternative No. _____

Project Limit _____

Project Description _____

Expected Construction Schedule _____

1) Public Information

- ☐ a. Brochures and Mailers $ _____
- ☐ b. Press Release
- ☐ c. Paid Advertising $ _____
- ☐ d. Public Information Center/Kiosk $ _____
- ☐ e. Public Meeting/Speakers Bureau
- ☐ f. Telephone Hotline
- ☐ g. Internet
- ☐ h. Others _____ $ _____

2) Motorists Information Strategies

- ☐ a. Changeable Message Signs (Fixed) $ _____
- ☐ b. Changeable Message Signs (Portable) $ _____
- ☐ c. Ground Mounted Signs $ _____
- ☐ d. Highway Advisory Radio $ _____
- ☐ e. Caltrans Highway Information Network (CHIN)
- ☐ f. Others _____ $ _____

3) Incident Management

- ☐ a. Construction Zone Enhanced Enforcement Program (COZEEP) $ _____
- ☐ b. Freeway Service Patrol $ _____
- ☐ c. Traffic Management Team
- ☐ d. Helicopter Surveillance $ _____
- ☐ e. Traffic Surveillance Stations (Loop Detector and CCTV) $ _____
- ☐ f. Others _____ $ _____

EXHIBIT 18-B
SAMPLE TMP CHECKLIST

4) Construction Strategies

- ☐ a. Lane Closure Chart
- ☐ b. Reversible Lanes
- ☐ c. Total Facility Closure
- ☐ d. Contra Flow
- ☐ e. Truck Traffic Restrictions $ _____
- ☐ f. Reduced Speed Zone $ _____
- ☐ g. Connector and Ramp Closures
- ☐ h. Incentive and Disincentive Clause $ _____
- ☐ i. Moveable Barrier $ _____
- ☐ j. Others _____ $ _____

5) Demand Management

- ☐ a. HOV Lanes/Ramps (New or Convert) $ _____
- ☐ b. Park and Ride Lots $ _____
- ☐ c. Rideshare Incentives $ _____
- ☐ d. Variable Work Hours
- ☐ e. Telecommute
- ☐ f. Ramp Metering (Temporary Installation) $ _____
- ☐ g. Ramp Metering (Modify Existing) $ _____
- ☐ h. Others _____ $ _____

6) Alternative Route Strategies

- ☐ a. Add Capacity to Freeway Connector $ _____
- ☐ b. Street Improvement (widening, traffic signal... etc) $ _____
- ☐ c. Traffic Control Officers $ _____
- ☐ d. Parking Restrictions
- ☐ e. Others _____ $ _____

7) Other Strategies

- ☐ a. Application of New Technology $ _____
- ☐ e. Others _____ $ _____

TOTAL ESTIMATED COST OF TMP ELEMENTS = $ _____

EXHIBIT 18-B
SAMPLE TMP CHECKLIST

Project Notes:

Assumptions/ Comments:

1. Entire project will take approximately XX working days to construct.

2. Current dollar values used. Inflation was not factored into the estimate.

3. Traffic Control/Maintain Traffic costs were not provided. Please consult with the OE or Construction office for this estimate.

4. Portable CMS specified for this project by this estimate are designated for congestion relief as outlined by DD-60. Portable CMS required for other purposes should be included under other specifications.

5. The COZEEP specified for this project by this estimate is designated for congestion relief as outlined by DD-60. The COZEEP required for other purposes should be included under other specifications.

Note 1: All projects who's contract value is $5 million or more, and/or meet certain other criteria should be evaluated for applicability of A+B Bidding. Consult the Lane Closure Charts Coordinator for the analysis, and the OE for more details about A+B Bidding.

Note 2: As outlined in Deputy Directive 60, this TMP is a living document, subject to change as required by changing circumstances. If there is material change to the project scope which will affect the function or adequacy of the TMP, then changes to the TMP must be addressed. If traffic conditions at the project site demonstrate that TMP elements need to be adjusted to adequately address congestion, then the TMP shall be altered accordingly.

Note 3: Hospitals with emergency services and fire stations that may require access through work zones at all hours should be accommodated. Schools, major venues, shopping malls, and other heavily utilized areas should also be notified of construction activities that may impact their services.

PREPARED BY _____ DATE _____

APPROVED BY _____ DATE _____

Index of Reference Information Documents

A "W" under available column indicates documents that can be found on the Internet, an "E" indicates the document will be provided electronically, and "CO" indicates the Contractor shall obtain the document. Web sites are not guaranteed but are supplied for information. It is ultimately the Contractor's responsibility to locate the documents.

Title	Available
EXISTING INFORMATION	
Right-of-Way Record Maps.pdf – Existing Right-of-Way Record Maps: • I-10: o F1860-2A o F1860-4A o F1860-4B o F1860-6A • I-605: o F1970-1	W
TP6-Utilities.zip – Zipped File containing Existing Utilities; Relocation Letters for Distribution & Lighting Poles & Signed Engineering Certificate	W

AS-BUILT PLANS FOLDER	
AtholOC.pdf – Athol Street Overcrossing As-Built Plans	W
BessPOC.pdf – Bess Avenue Pedestrian Overcrossing As-built Plans	W
Connectorprofiles.pdf – NB 605/Route10 Separation Profile & Superelevation Diagrams As-Built Plans	W
Dalewood-section-profile.pdf – Dalewood Street Typical Cross Sections & Profile As-Built Plans	W
Drainage.pdf – Drainage As-Built Plans	W
Fiberoptic-details.pdf – Fiber Optics Electrical Details As-Built Plans	W
Layouts.pdf – Layout As-Built Plans	W
Route10-sections-profile.pdf – Route 10 Title Sheet, Typical Cross Sections & Profiles As-Built Plans	W
Sewer.pdf – Sanitary Sewer Plan & Profile As-Built Plan	W
Soundwall322.pdf – Sound Wall No. 605-322 As-Built Plans	W
Soundwall508.pdf – Sound Wall No. 10-508 As-Built Plans	W
SouthConnector.pdf – South Collector Undercrossing (Br. No. 53-1631QR) Structures As-Built Plans	W
SouthConnUC.pdf – South Connector Undercrossing (Br. No. 53-1631) Structures As-Built Plans	W
SouthConnUC2.pdf – South Connector Undercrossing (Br. No. 53-1631) Approach Slab Rehabilitation Structures As-Built Plans	W
Utilityplan.pdf – Utility As-Built Plans	W

PROJECT STUDIES AND REPORTS	
07-245400-Project-Report.pdf – Signed Project Report dated 03/27/09 including TMP Data Report, Traffic Counts & Forecast, etc.	W
07-245404-Segmental-Br-Specs.pdf – Special Provisions for Segmental Bridge Template	W
10-605_Connector_MND_FONSI.pdf – Interstate Routes 10/605 Direct Connector Project Environmental Documents "Mitigated Negative Declaration / Finding of No Significant Impact" dated 01/30/09	W
APS.pdf – Structures Advance Planning Study dated 03/20/09	W
Final Value Analysis.pdf – Final Value Analysis dated 10/20/08	W
Foundation-Recommendation-Existing-Structures.pdf - Foundation Recommendations for Existing Str., e.g., SB 605/10 Separation, NB 605/10 Separation, Bess Ave. POC & Culvert Walls, etc.	W
NSSP-3-Electrical-Examples.pdf – Zipped File containing 3 Lighting Non-Standard Special Provision (NSSPs) Examples	W
NSSP-22-ITS-Examples.pdf – Zipped File containing 22 ITS Non-Standard Special Provision (NSSPs) Examples	W
RID-DPGR-605-10.pdf – Revised District Preliminary Geotechnical Report (DPGR) for Proposed Connector From I-605 South to I-10 East	W
ROW Cert Special Design Build I-10-605.pdf – Right-of-Way Special Design-Build Certification No. 3 dated 05/17/11	W
Site-Investigation-3939-1r-seg1.pdf – Lead Investigation Report, Interstate 10 HOV Widening Project, Ninyo-Moore, dated October 24, 2002 (Caltrans ID# 569)	W
Site-Investigation-Geocon-1-17-95.pdf – Site Investigation Report, Bess-Frazier Pedestrian Overcrossing; SR-237, GEOCON Environmental Consultants, January 17, 1995, (Caltrans ID # 113)	W
Site-Investigation-Geocon-5-1-95.pdf – Site Investigation (SI) Report, LA-10 Freeway PM 31.1/33.4, by GEOCON Environmental Consultants, dated May 1, 1995, (Caltrans ID# 103)	W

PROJECT STUDIES AND REPORTS (Continue)	
DWP-Utility Relocation – Zipped folder containing files associated to Utility Relocations with the Los Angeles Department of Water & Power	W
PSR-PDS-NB605 to WB10-S605 Connector – Zipped folder containing files for the Project Study Report (PDS) for the NB I-605 to WB I-10 Connector	W
07-117074 Fact Sheets – Zipped folder containing Supplemental Fact Sheet Exceptions and addendum to the Mandatory Design Standards for Project EA 07-117074	W
CONCEPTUAL PLANS	
07-245401-Conceptual-Plan.pdf – PDF Files of all the Conceptual Plans	W