

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

601A



FROM: TLMA - Transportation Department

SUBMITTAL DATE:

July 3, 2013

SUBJECT: Amendment No. 1 to the Engineering and Environmental Services Agreement between the County of Riverside (County) and Parsons Transportation Group, Inc. for the Avenue 56 (Airport Boulevard) Railroad Grade Separation Project

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve the attached Amendment No. 1 to the Engineering and Environmental Services Agreement between the County and Parsons Transportation Group, Inc.; and
2. Authorize the Chairman of the Board of Supervisors to execute the same.

Juan C. Perez

Director of Transportation and Land Management

CSS:css

(Continued On Attached Page)

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 260,484	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	No
	Annual Net County Cost:	\$ 0	For Fiscal Year:	2013/2014

SOURCE OF FUNDS: TUMF Coachella Valley Association of Governments (CVAG) - 100%

There are no General Funds used in this project.

Positions To Be Deleted Per A-30

Requires 4/5 Vote

C.E.O. RECOMMENDATION:

APPROVE

BY:

Tina Grande

County Executive Office Signature

FORM APPROVED COUNTY COUNSEL
BY: *Synthia M. Gunzel* 8-8-13
SYNTHIA M. GUNZEL DATE Departmental Concurrence

Policy Policy

Consent Consent

Dept's Recomm.:
Per Exec. Ofc.:

Prev. Agn. Ref. 8/31/2010 3-85
8/31/10 3.82, 2/1/11 3.5

District: 4/4

Agenda Number:

3-82

The Honorable Board of Supervisors

RE: Amendment No. 1 to the Engineering and Environmental Services Agreement between the County of Riverside (County) and Parsons Transportation Group, Inc. for the Avenue 56 (Airport Boulevard) Railroad Grade Separation Project

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BACKGROUND: Avenue 56 is designated in the Riverside County General Plan as a six-lane urban arterial highway that serves the Thermal community of eastern Riverside County, the City of Coachella, and the City of La Quinta while providing direct access from State Route 86S and Grapefruit Boulevard (SH-111) to the Jacqueline Cochran Regional Airport. A Union Pacific Railroad (UPRR) at-grade crossing currently exists on Avenue 56 just south of the City of Coachella, paralleling State Route 86S. UPRR and State Route 86S are both designated North American Free Trade Agreement (NAFTA) freight corridors. Currently, 71 freight trains pass through Riverside County on this line on a daily basis, with the number projected to increase to 107 by the year 2030.

The proposed project will separate surface street traffic from rail lines on Avenue 56, where it currently crosses the UPRR mainline tracks at-grade, providing the following benefits to the public:

- Increased public safety due to the elimination of train/vehicle conflicts
- Improved emergency response time
- Reduced delay of freight movement on State Route 86S and UPRR NAFTA corridors that contribute toward achieving uninterrupted freight movement along the ultimate Alameda Corridor East
- Substantial reduction of particulate matter from idling vehicles, causing a reduction in greenhouse gas emissions
- Reduction of train noise

This project has been identified to receive \$10 million from the State's Prop 1B Bonds Goods Movement Program, administered through Transportation Corridor Improvement Funds. A Project Baseline Agreement with the California Transportation Commission identifying the scope and cost of the project was approved by the Riverside County Board of Supervisors on July 29, 2008. The County is required to execute a construction agreement for the improvements by December 31, 2013 under the terms of the Project Baseline Agreement.

On August 31, 2010, the Board of Supervisors approved a Cooperative Funding Agreement with the Coachella Valley Association of Governments that authorized \$10 million in project funding.

On February 1, 2011, the Board of Supervisors approved a funding agreement with the Redevelopment Agency that authorized \$4 million in project funding.

On August 31, 2010, the Board of Supervisors approved an Engineering and Environmental Services Agreement with Parsons Transportation Group, Inc. The terms of the agreement provided that Parsons Transportation Group, Inc. would perform the professional and technical services necessary to prepare environmental documents, plans, specifications, and estimates as well as provide construction support for a fee of \$1,945,043.

The project has been environmentally cleared, and right-of-way acquisition efforts are in progress.

The Honorable Board of Supervisors

RE: Amendment No. 1 to the Engineering and Environmental Services Agreement between the County of Riverside (County) and Parsons Transportation Group, Inc. for the Avenue 56 (Airport Boulevard) Railroad Grade Separation Project

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The project requires additional consulting services. Completion of the project requires tasks not included in the original scope of services and tasks that require a greater level of coordination than was anticipated.

Additional services are required to complete the following tasks:

- **Lighting:** Additional light structures are necessary due to unexpected requirements by UPRR.
- **Drainage:** Redesign of the storm drain system is required to accommodate future planned projects and to avoid conflicts due to utility relocations.
- **Architectural Treatments:** Several architectural features are being incorporated into the project as a result of items requested through community outreach efforts.
- **Structure Design:** Additional structures design efforts related to designing the added architectural features noted above, designing a new sidewalk on the existing Whitewater Bridge, and extending the sidewalk to match improvements constructed by Caltrans on Avenue 56 and State Route 86S.
- **Coordination with Others:** The complexity of utility relocations and right-of-way negotiations required additional coordination; and, changes to the roadway plans were necessary for a seamless connection to newly installed improvements in the vicinity of the project.

The proposed amendment to this agreement is \$260,484, which includes a \$25,000 contingency.

Original Budget:	\$1,945,043
Amendment:	<u>\$ 260,484</u>
Total Proposed Budget:	\$2,205,527

Avenue 56 (Airport Blvd) Railroad Grade Separation Project

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AMENDMENT TO AGREEMENT BETWEEN

County of Riverside • Transportation Department and Parsons Transportation Group, Inc.

THIS AMENDMENT (hereinafter the "Amendment") to an agreement is made and entered into as of this _____ day of _____, 2013, by and between the County of Riverside, a political subdivision of the State of California (hereinafter the "COUNTY"), and Parsons Transportation Group, Inc. (hereinafter "ENGINEER").

RECITALS

- A. COUNTY and ENGINEER have entered into an agreement entitled "*Engineering Services Agreement for Avenue 56 (Airport Blvd) Railroad Grade Separation Project between County of Riverside • Transportation Department and Parsons Transportation Group, Inc.*" that is dated August 31, 2010 (hereinafter the "Agreement"). The Agreement provides the terms and conditions, scope of work, schedule and budget for the performance of professional and technical services necessary to prepare environmental documents, plans, specifications and estimates as well as provide construction support.
- B. The project has progressed to the point where environmental clearance has been obtained, right-of-way acquisition is substantially complete and the plans, specs and estimate are in the final stage of preparation.
- C. It has been determined that the project requires additional consulting services. Completion of the project requires tasks not included in the scope of services and requires a greater level of coordination than was anticipated. Additional services are necessary for lighting, drainage, architectural treatments and structure design. Additional coordination is required for the utility relocations, right-o-f-way acquisitions and to match other proposed and recently installed improvements in the vicinity of the project.
- D. The parties desire to amend the Agreement to modify the scope of services to be provided by the ENGINEER and increase the contract budget.

AGREEMENT

NOW, THEREFORE, in consideration of the mutual covenants hereinafter contained, the parties agree as follows:

- 1. Appendix A • Scope of Services is amended by the addition of the extra work described in Attachment "A" of this Amendment, attached hereto and incorporated by this reference.
- 2. Appendix C • Article CV is amended by increasing the contract budget by \$260,484.00 as provided below:
Increase the Phase 2 budget by the amount of \$235,484.00 for engineering services necessary for additional coordination and engineering services. Detailed fee and manhours are provided in Attachment

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"B" of this Amendment, attached hereto and incorporated by this reference. Appendix C • Article CV is also amended to provide an additional \$25,000.00 contingency to be used for unanticipated contract costs and services, making the new total not to exceed amount of \$2,205,526.75

2. Except to the extent specifically modified or amended hereunder, all of the terms, covenants and conditions of the Agreement shall remain in full force and effect between the parties hereto.

IN WITNESS HEREOF, the parties hereto have caused this Amendment to the Agreement to be duly executed this day and year first written above.

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ARTICLE VIII • APPROVALS

COUNTY Approvals

RECOMMENDED FOR APPROVAL:

 Dated: 8/7/13

JUAN C. PEREZ
Director of Transportation and Land Management Agency

APPROVED AS TO FORM:
PAMELA J. WALLS, COUNTY COUNSEL

 Dated: 8-12-13

By Deputy
SYNTHIA M. GUNZEL
APPROVAL BY THE BOARD OF SUPERVISORS

_____ Dated: _____

PRINTED NAME
Chairman, Riverside County Board of Supervisors


ATTEST:

_____ Dated: _____

KECIA HARPER-IHEM
Clerk of the Board (SEAL)

ENGINEER Approvals

ENGINEER:

 Dated: 6-13-13

THOMAS E. SARDO

PRINTED NAME
VICE PRESIDENT

TITLE

ENGINEER:

 Dated: 6-13-13

DAVID SPEIRS

PRINTED NAME
ENGINEERING MANAGER

TITLE

ATTACHMENT A

ATTACHMENT A • SCOPE OF SERVICES

DRAINAGE PLANS, DRAINAGE REPORT AND UTILITY PLANS

Task involves design efforts to revise the horizontal and vertical alignment of the mainline, which was increased to a pipe size of 36" to accommodate capacity needs of future projects. This causes a need to redesign all storm drain laterals and re-evaluation of utility impacts. Other revisions are the result of accommodating CVWD requests for horizontal clearance and the addition of an inlet on Airport Boulevard (west of Desert Cactus Drive) to accommodate recently constructed Caltrans improvements. This task also includes updating the drainage calculations, drainage report, quantities, specifications, resolving design and check comments, providing response to comments and QC the work before the submittal.

ARCHITECTURAL TREATMENT

Architectural treatment renderings of various design concepts have been required for public outreach. Parsons has been providing architectural treatment renderings for public meetings and agency coordination. Upon approval of the concept (which includes treatment on retaining wall, bridge, columns, and fencing) design revisions will be required for structures.

ARCHITECTURAL TREATMENT OF BRIDGE, RETAINING WALLS AND FENCING

Task involves design efforts for wrought iron fencing, lettering of THERMAL on the bridge, metal plates for airplanes, checking, details, specification updates, resolving design and check comments, providing response to comments and QC the work before the submittal.

LIGHTING AND ELECTRICAL

Task involves design efforts to include additional soffit lighting requested by UPRR and updating quantities, specifications, resolving design and check comments, providing response to comments and QC the work before the submittal.

STRUCTURES

Task involves design modifications to new bridge and retaining walls for fencing, lettering attachment, metal airplane attachments, column and abutment architectural details, and design modifications to proposed sidewalk on the existing Whitewater River Bridge. Inclusion of the sidewalk was determined to be necessary due to public feedback and to fill in a missing gap created by improvements installed on SR86 by Caltrans. The design modifications include checking, updating details, quantity updates, specification updates, resolving design and check comments, providing response to comments and QC the work before the submittal.

1 **ROADWAY AND CONSTRUCTION DETAILS**

2 Task involves design efforts to:

- 3 • Revise the curb return at the southeast corner of Airport Blvd and Polk Street to match EDA project.
- 4 • Revise the curb and sidewalk on the south side of Airport Boulevard west of Desert Cactus Drive in order
5 to match recent Caltrans improvements.
- 6 • Design a left turn lane on Airport Boulevard into the Pak-Ryt property (APN 763-350-016) to
7 accommodate adjacent property owner access.
- 8 • Design parking lot on Thermal 27 property (APN 763-350-022), which includes pavement marking and
9 details as a result of negotiations and settlement of partial land acquisition of the property.
- 10 • Additional design modifications required at the west project limits to accommodate EDA project.

11 Tasks will require updating quantities, specifications, resolving design and check comments, providing response
12 to comments and QC the work before the submittal.

13 **PROJECT MANAGEMENT (RW, UTILITY, UPRR COORDINATION)**

14 Task involves coordination efforts for property acquisition, utility relocation and UPRR approval. Coordination
15 efforts have exceeded expected level of effort and additional services are required. Groups involved include but
16 are not limited to property owners, CVWD, IID, EDA and UPRR.

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ATTACHMENT B

ATTACHMENT B • FEE POPOSAL
Avenue 56 (Airport Boulevard) UPRR Grade Separation Project

FEE PROPOSAL SUMMARY				
TASK	PHASE I	PHASE II	CONTINGENCY	TOTALS
Project Management (RW, Utility, UPRR Coord)		\$54,222.18		\$54,222.18
Roadway, Construction Details		\$27,729.71		\$27,729.71
Drainage Plans, Drainage Report, Utility Plans		\$36,846.90		\$36,846.90
Lighting and Electrical		\$10,469.98		\$10,469.98
Structures (Bridge, Retaining Walls)		\$75,725.35		\$75,725.35
Architectural Treatments (Bridge and Retaining Wall)		\$30,490.36		\$30,490.36
TOTALS		\$235,484.00		\$235,484.00
Contingency			\$25,000.00	\$25,000.00
TOTALS		\$235,484.00		\$260,484.00

Phase I: Project Report (EQ)/Environmental Document
Phase II: Plans, Specifications, and Estimate (PS&E)
Phase III: Bidding and Award Support (T&M)
Phase IV: Design Support Services During Construction (T&M)
Phase V: Project Closeout (T&M)

4/8/2013

FEE PROPOSAL WORKSHEET

COMPANY:	SCOPE OF WORK	DATE:	REV:
PARSONS	Phase II Completion	4/8/2013	5
PROJECT:	MILESTONE/PHASE/PROJ SUMMARY:		
AVENUE 56/UPRR GRADE SEPARATION PROJECT	Phase II - PS&E		

DIRECT LABOR

PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT
C. Cadena	Principal In Charge		\$95.00	
J. Gonzalez	Project Manager	212 @	\$73.46	\$15,573.52
D. Lew	Senior Project Engineer	142 @	\$60.10	\$8,534.20
H. Liu	Project Engineer	100 @	\$36.46	\$3,646.00
D. Serafica	Sr Traffic Engineer	48 @	\$66.83	\$3,207.84
B. Tariq	Traffic Engineer	48 @	\$32.21	\$1,546.08
D. Pearman	CADD	132 @	\$42.05	\$5,550.60
P. Gonzalez	Drainage Manager	32 @	\$68.68	\$2,197.76
R. Saldivar	Drainage Engineer	180 @	\$34.59	\$6,226.20
G. Matesic	Specifications Engineer	52 @	\$62.11	\$3,229.72
J. Lormand	Principal Landscape Arch	6 @	\$48.91	\$293.46
P. Nikolai	Sr. Landscape Architect	68 @	\$41.01	\$2,788.68
S. Rozendaal	Landscape Architect	60 @	\$32.19	\$1,931.40
T. Sardo	Bridge Proj Mgr	2 @	\$85.00	\$170.00
U. Sandira	Sr Bridge Eng	96 @	\$61.68	\$5,920.93
J. Bishop	Sr Bridge Proj Eng	64 @	\$76.92	\$4,922.88
S. Mullangi	Bridge Designer	192 @	\$42.57	\$8,173.44
P. Johnson	Bridge Drafter	200 @	\$44.80	\$8,960.00
TOTAL HOURS		1634	TOTAL DIRECT LABOR	\$82,872.71

MULTIPLIERS

OVERHEAD @	96.12% (of Total Direct Labor + Escalation)	\$79,657.25
PAYROLL ADDITIVES @	62.20% (of Total Direct Labor + Escalation)	\$51,546.83
TOTAL MULTIPLIERS		\$131,204.08

OTHER DIRECT EXPENSES

*** Billed at Actual Cost ***

ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT
Roadway ODCs				
Travel		miles	\$0.55	
Plots/Reproduction (11"x17")		each	\$1.20	
Exhibits/Reports		each	\$50.00	
Mail		each	\$17.00	
Reproduction		each	\$1.20	
Shipping Delivery		lump sum		
Visual Simulation Boards		lump sum		
TOTAL OTHER DIRECT EXPENSES				

OUTSIDE SERVICES (w/o fee)

COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL
TOTAL OUTSIDE SERVICES				

FEES

PARSONS @	10.00% (of Total Direct Labor + Total Multipliers)	\$21,407.68
OUTSIDE SERVICES @	5.00% (of Total Labor + Total Multiplier for Outside Services)	
TOTAL FEES		\$21,407.68
TOTAL COST		\$235,484.00

