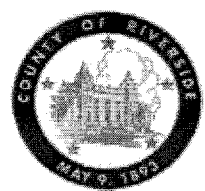


FORM APPROVED COUNTY COUNSEL
 BY: MS Victor 5/17/09
 DATE: MARSHAL VICTOR

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

121A



FROM: TLMA - Transportation Dept.


SUBMITTAL DATE:
 May 11, 2009

SUBJECT: Amendment No.3 to the Engineering and Environmental Services Agreement for the Valley Way On/Off Ramps at State Route 60.

RECOMMENDED MOTION: That the Board approve Amendment No.3 to the Engineering and Environmental Service Agreement between the County of Riverside and URS Corporation and authorize the Chairman to execute the same.

BACKGROUND: On January 30, 2001, the Board of Supervisors approved an agreement with URS CORPORATION to provide professional consulting services for improvements to the Valley Way/SR-60 interchange. The agreement provided for the preparation of the project report, environmental document, plans, specification and estimates. On July 12, 2005 and September 18, 2007 the Board of Supervisors approved amendments to the agreement, which

Departmental Concurrence


 Juan C. Perez
 Director of Transportation

bj
 (Continued on next page)

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 113,871	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	No
	Annual Net County Cost:	\$ 0	For Fiscal Year:	2008/2009

SOURCE OF FUNDS: Measure A (100%)	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Requires 4/5 Vote	<input type="checkbox"/>

C.E.O. RECOMMENDATION:

APPROVE

BY: 
 Tina Grande

County Executive Office Signature

Dep't Recomm.: Policy Policy
 Per Exec. Ofc.: Consent Consent

Prev. Agn. Ref. 01/30/01 (3.29),
 07/12/05 (3.60),
 09/18/07 (3.65) | District: 2 | Agenda Number:

The Honorable Board of Supervisors

RE: Amendment Number 3 to the Engineering and Environmental Services Agreement for the Valley Way ON/Off Ramps at State Route 60

May 11, 2009

Page 2 of 2

modified the scope to incorporate additional environmental and design services. The Project is nearing construction, with many of the plans and contract documents in the final stages of approval. Amendment 3 is now required in order to incorporate modifications to the scope of the existing agreement.

This Project has been identified by the Riverside County Transportation Commission (RCTC) for \$4.482 million in Federal Stimulus dollars from the American Recovery and Reinvestment Act (ARRA). The timing for project delivery is vital to secure these funds.

The Valley Way/SR-60 interchange project will create construction jobs, and vastly improve the current operations and safety at this congested interchange.

An overview of the additional scope of services is provided below:

Design New Improvements at the Valley Way/Mission Boulevard intersection

County of Riverside Flood Control Permit: A drainage facility is required to connect into Flood Control's downstream drainage system. Additional tasks were needed to complete the necessary hydraulic analysis necessary to obtain approval of the permit.

Phase II Hazardous Waste Site Investigation – ACE Hardware: A Phase II Hazardous Waste site investigation is required in order to acquire the necessary property for the project.

Coordination with the Mission Boulevard Improvement Projects: EDA has recently completed a streetscape improvement project in the area. The interchange design plans are being modified to match this recent work.

Technical Support Services: Additional sketches, plans and maps for various alternative designs are being prepared in order to facilitate right of way negotiation with property owners. New projects in the area required engineering support in order to coordinate designs which resulted in modifying established design elements and rework of approved plans. The Caltrans SR-60 improvement project and the Caltrans Valley Way sidewalk construction project are two such projects. Also, technical support is required in order to finalize design elements and right of way requirements related to recent changes to the Edison power pole relocation.

Reduced Bidding Support Services: It is expected that the bidding support task will not require the effort originally anticipated. Credit applied.

Additional Construction Support Services: Additional engineering support is being provided during the construction phase since the project scope has been expanded to include signal and street lighting modifications, an additional retaining wall, and adding pedestrian crossings on the east side of Valley Way.

Funding for the additional services will be provided through Measure A (100%).

AMENDMENT 3

AMENDMENT TO AGREEMENT BETWEEN

THE COUNTY OF RIVERSIDE AND URS CORPORATION

FOR ENGINEERING SERVICES ON THE VALLEY WAY/SR-60 INTERCHANGE PROJECT

THIS AMENDMENT 3 (hereinafter the "Amendment") to an agreement is made and entered into as of this _____ day of _____, 2009, by and between the County of Riverside, a political subdivision of the State of California (hereinafter the "COUNTY"), and URS Corporation (hereinafter "ENGINEER").

RECITALS

- A. COUNTY and ENGINEER have entered in an agreement entitled " Engineering Services Agreement for the Valley Way/SR-60 Interchange between the County of Riverside • Transportation Department and URS Corporation," that is dated January 30, 2001 (hereinafter the "Agreement"). The Agreement provides terms and conditions, scope of work, schedule and budget for the performance of professional and technical services necessary to prepare an environmental document, project report, plans, specifications estimates.
- B. The parties desire to supplement the current Agreement to extend the expiration date, modify the scope 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. The current contract budget of \$668,470.00 (including budgets for Amendment Nos. 1 and 2) shall be increased by \$113,871.45 to \$782,341.45 as provided below:
Increase the Phase II budget by the amount of \$61,795.53 and increase the Phase IV budget by the amount of \$52,075.92 for engineering services necessary to incorporate additional permit tasks, a new hazardous waste site assessment, design rework for property negotiations and to provide additional out of scope tasks. Detailed descriptions of the extra work and summaries of the requested and recommended budget adjustments are provided in Attachment "A" of this Amendment.
2. The existing Engineering Services Agreement shall be extended to December 31, 2011. All covenants set forth in the amended Agreement shall be completed by the said date unless extended by another supplemental agreement.
3. Except to the extent specifically modified or amended hereunder, all of the terms, covenants and conditions of

1 the Agreement as approved on dated January 30, 2001 shall remain in full force and effect between the
2 parties hereto.


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

5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29

ARTICLE VIII • APPROVALS

COUNTY Approvals

RECOMMENDED FOR APPROVAL:

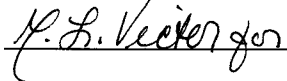
 Dated: 5/4/09

JUAN C. PEREZ

Director of Transportation

APPROVED AS TO FORM:

Marsha L. Victor

 Dated: 5/7/09

PAMELA J. WALLS

County Counsel

APPROVAL BY THE BOARD OF SUPERVISORS

_____ Dated: _____

PRINTED NAME

Chairman, Riverside County Board of Supervisors

ATTEST:

_____ Dated: _____

KECIA HARPER-IHEM

Clerk to the Board

ENGINEER Approvals


ENGINEER:

_____ Dated: _____

PRINTED NAME

TITLE

ENGINEER:

 Dated: 10/17/09

PRINTED NAME

TITLE

Vice President

ATTACHMENT A

**SR60/VALLEY WAY INTERCHANGE
EXTRA WORK REQUEST NO. 3
SCOPE OF SERVICES**

PHASE II – PS&E

2.1 New Improvements at the Valley Way/Mission Blvd. Intersection

After the final plans, specifications and cost estimate were submitted for approval, additional improvements were requested by the County of Riverside Construction Staff at the Valley Way/Mission Boulevard intersection. Measurement and payment clauses were revised from Caltrans standard practice to County standard practice to facilitate County construction administration on the project. Additional improvements included upgrading and relocating the electrical service for the traffic signal and installing additional sidewalk.

2.2 County of Riverside Flood Control Permitting

County of Riverside Flood Control and Water Conservation District (RCFC&WCD) required a permit for one of the Caltrans drainage facilities that connects to the County's downstream drainage system. To obtain the permit, special hydraulics modeling was required to demonstrate that the proposed project will have a negligible negative impact on the County's facility. The permit application was prepared and supporting analyses and calculations were attached for processing through the RCFC&WCD. Several rounds of comments and responses were required before ultimately obtaining the permit. This task was beyond the original contracted scope of services.

2.3 Phase II Hazardous Waste Site Investigation – Ace Hardware

The purpose of these services is to assess soil conditions in the extreme northern portion of the Ace Hardware facility located at 7351 Mission Boulevard in Rubidoux, Riverside County, California. The Riverside County Transportation Department (RCTD) requires this investigation due to a Phase I Environmental Site Assessment (ESA) performed by URS on March 14, 2008 on the property located next to the eastern property line of the Ace Hardware site. That previous ESA revealed that an engine rebuilding facility formerly occupied the Ace Hardware site from the mid-1950's to the early 1970's. Because the previous ESA did not reveal this facility's procedures for using, storing and disposing of hazardous substances, it's possible that said disposal may have occurred on the site. Therefore, RCTD requested that this Phase II Hazardous Waste Site Investigation be performed to assess whether hazardous waste exists on the northern portion of the Ace Hardware property, where right of way for a new freeway exit ramp needs to be acquired.

To achieve this objective, the following scope of work will be performed, in accordance with industry-standards. This scope of work will be reviewed and approved by Caltrans

**SR60/VALLEY WAY INTERCHANGE
EXTRA WORK REQUEST NO. 3
SCOPE OF SERVICES**

right of way staff prior to initiating the work to confirm that the anticipated scope of work will meet Caltrans standards and requirements. Specific activities include the following:

1. Develop a site-specific Health and Safety Plan for field personnel to use during field activities;
2. Confirm approval from the RCTD and the current property owner to conduct drilling and sampling activities at the site;
3. RCTD will obtain a signed right of entry for the property and URS will coordinate with the property owner for gaining access to the site.
4. Drill up to 10 hollow-stem auger borings on 7.5-meter centers in the northern portion of the site, just south of the existing Ace Hardware bulk materials and large-item storage building. Borings will extend to a depth of approximately 3.0 meters and samples will be collected at 1.5-meter intervals for chemical analysis. This task will include the following subtasks:
 - A. Hand-augering each bore hole in advance of machine drilling to assess them for underground utilities;
 - B. Containing the soil cuttings in 55-gallon drums, which will be properly labeled and left on site, pending analytical results for the soil samples. Using these results, the appropriate disposal option for these soils will be selected. Special disposal costs are not included in the level of effort estimate;
 - C. Storing decontamination fluids in 55-gallon drums, which will be handled like the drums, containing the soil cuttings; and
 - D. Backfilling the borings with grout and topping them with concrete.
5. Using appropriate analytical methods, selected samples from each boring will be analyzed for Volatile Organic Compounds (VOCs) and Total Petroleum Hydrocarbons (TPH) in a laboratory certified to perform chemical testing in the State of California. Up to 16 samples are anticipated for analysis for TPH and up to 8 samples for VOCs. All analyses will be performed on a standard turnaround (10 working day) basis; and
6. Findings, conclusions and recommendations will be documented in a brief letter report.
7. The results of the investigation will be discussed with County staff and Caltrans, as necessary.

**SR60/VALLEY WAY INTERCHANGE
EXTRA WORK REQUEST NO. 3
SCOPE OF SERVICES**

The field investigation will be initiated upon receiving written authorization to proceed. Field activities will be initiated within one week of receiving written authorization or as soon as drilling contractors are available for the work. The letter report will be issued within 15 working days after completion of field activities.

It is assumed that no subsurface obstructions will be encountered during drilling and sampling activities. Sometimes in the course of assisting clients with due diligence requirements, additional tasks become necessary and are requested by the client, such as conferencing with representatives of involved parties; preparation of work scopes for additional assessment; preparation of cost estimates for remedial actions; or preparation of agreements for other parties who wish to rely upon URS' report. Sometimes significant additional work becomes necessary due to multiple reviews by the client and other involved parties, such as lenders, investors, and legal counsel for any of these parties, with the resulting need for preparation of multiple reports. If these or similar situations result in extra work, RCTD will be notified immediately prior to performing and extra work.

**2.4 Coordination with Mission Boulevard Improvement Projects
(EDA Streetscape Improvements)**

After the final plans were completed, improvement plans for the Valley Way/Mission Boulevard intersection were received by URS and reviewed for consistency with the interchange project improvements. This required significant effort to review, check and coordinate the various design elements of the EDA Streetscape Improvement plans and to identify potential conflicts with the interchange project designs.

2.5 Technical Support Services

Coordinate with the County to provide technical support to develop and prepare sketches, plans and maps for various alternative designs in order to facilitate right of way negotiation with property owners. New projects in the area required engineering support in order to coordinate designs which resulted in modifying established design elements and rework of approved plans. The Caltrans SR-60 improvement project and the Caltrans Valley Way sidewalk construction project are two such projects. Also, technical support is required in order to finalize design elements and right of way requirements in order to accommodate the recent changes to the Edison power pole relocation.

PHASE IV – CONSTRUCTION PHASE SERVICES

The original construction support level of effort was estimated in December 2000, where the proposed improvements were focused on the addition of a hook exit and entrance

**SR60/VALLEY WAY INTERCHANGE
EXTRA WORK REQUEST NO. 3
SCOPE OF SERVICES**

ramps onto Mission Boulevard. As the project developed, many additional improvements were added to the project. These have included improvements to the Valley Way/Mission Boulevard intersection, rerouting pedestrian circulation at Valley Way from the west side of the street to the east, improvements to the existing westbound freeway ramp terminal intersection, an additional retaining wall in the northeast quadrant of the interchange, enhancements to the street lighting and signalization systems throughout the interchange and other enhancements. Therefore, additional effort is expected during construction to respond to requests for information, to review contractor submittals and to support the County's Construction Management staff during construction.

SR60/VALLEY WAY INTERCHANGE EXTRA WORK REQUEST #3

Extra Work Item	Type of Work	Reason for Extra Work	Hours	Costs
2.1 New Improvements at Valley Way/Mission Blvd. Intersection	New Work	After the final plans and specifications were completed, additional improvements were requested by County Construction Staff at the Valley Way/Mission Boulevard intersection.	22	\$2,745.18
2.2 County of Riverside Flood Control Permitting	New Work	A permit from the County of Riverside Flood Control and Water Conservation District was determined to be needed after the PS&E package was complete.	28	\$4,108.18
2.3 Phase II Hazardous Waste Site Investigation – Ace Hardware	New Work	Riverside County requested that a Phase II environmental assessment be performed on the Ace Hardware site as part of the County's due diligence efforts in acquiring the right of way for the project.	68	\$13,753.31
2.4 Coordination with Mission Blvd. Improvement Projects	New Work	After the final plans were completed, plans for improvements on the eastern leg of the Valley Way/Mission Boulevard intersection were received from EDA for review, comment and coordination with the interchange project.	10	\$1,749.59
2.5 Technical Support Services	Additional Work	Coordinate with the County to provide technical support to develop and prepare sketches, plans and maps for various alternative designs in order to facilitate right of way negotiation with property owners. New projects in the area required engineering support in order to coordinate designs which resulted in modifying established design elements and rework of approved plans. The Caltrans SR-60 improvement project and the Caltrans Valley Way sidewalk construction project are two such projects. Also, technical support is required in order to finalize design elements and right of way requirements in order to accommodate the recent changes to the Edison power pole relocation.	180	\$31,378.98
Phase IV Construction Phase Services	Additional Work	Due to increases in the project's scope, the level of effort for construction support services has been adjusted accordingly.	292	\$45,283.41
Contingency (15%)				\$14,852.80
		TOTAL HOURS	600	\$113,871.45

Amendment 3 modifies the current scope of work and increases the budget for consulting services necessary to provide the additional services. The following table provides a summary of the additional tasks and corresponding budgets for the additional services:

Amendment Number 3
Financial Summary
SR60/Valley Way Interchange Improvement

	Phase 1 Prel Eng & Env	Phase 2 PS&E	Phase 3 Bid Support	Phase 4 Construct Support	Total
Original Budget	\$206,313.00	\$187,286.00	\$11,087.00	\$23,157.00	\$427,843.00
Amendment 1	\$35,253.00	\$51,760.00	-	\$1,903.00	\$88,916.00
Amendment 2	-	\$151,711.00	-	-	\$151,711.00
Amendment 3	-	\$53,735.24	<\$401.83>	\$45,283.41	\$98,616.82
Design New improvements		\$2,745.18			\$2,745.18
County - Flood Control Permit		\$4,108.18			\$4,108.18
Hazardous Waste Site Investigation		\$13,753.31			\$13,753.31
Coordination with Mission Blvd Projects		\$1,749.59			\$1,749.59
Technical Support Services		\$31,378.98			\$31,378.98
PIII Reduced Bidding Support Services			<\$401.83>		<\$401.83>
PIV Additional Construction Support				\$41,283.41	\$41,283.41
Direct Expenses				\$4,000.00	\$4,000.00
Proposed Budget	\$241,566.00	\$444,492.24	\$10,685.17	\$70,343.41	\$767,086.82

Current Contract Amount: \$ 668,470.00
Recommended Amendment No.3: \$ **98,616.82**
 Total Revised Contract Amount: \$ 767,086.82

Funding for the additional services will be provided through Measure A (100%).

FEE PROPOSAL SUMMARY

	PHASE I	PHASE II	PHASE III	PHASE IV	TOTALS
URS Corporation		\$53,735.24		\$45,283.41	\$99,018.65
Contingency (15%)		\$8,060.29		\$6,792.51	\$14,852.80
TOTALS		\$61,795.53		\$52,075.92	\$113,871.45

- Phase I:** Project Report and Environmental Document
- Phase II:** Plans, Specifications and Estimates
- Phase III:** Construction Bid Support
- Phase IV:** Construction Support

FEE PROPOSAL WORKSHEET

COMPANY: URS Corporation	SCOPE OF WORK Project Summary	DATE: 1/26/2009	REV:
PROJECT: SR60/Valley Way Interchange		MILESTONE/PHASE/PROJECT SUMMARY: All Phases	

DIRECT LABOR

PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT
	Project Manager	116	@ \$83.20	\$9,651.20
	Sr. Project Engineer	170	@ \$53.00	\$9,010.00
	Project Engineer	108	@ \$38.00	\$4,104.00
	Engineer	40	@ \$32.00	\$1,280.00
	Tech/CADD	60	@ \$28.00	\$1,680.00
	Project Administrator	38	@ \$24.00	\$912.00
	Haz Waste Task Manager	2	@ \$70.00	\$140.00
	Haz Waste Engineer	14	@ \$46.88	\$656.32
	Staff Scientist	42	@ \$24.52	\$1,029.84
	Clerical	10	@ \$19.24	\$192.40
TOTAL HOURS		600		TOTAL DIRECT LABOR
				\$28,655.76

MULTIPLIERS

ESCALATION @	6.00% (Rate)	\$788.64
OVERHEAD @	123.85% (of Total Direct Labor + Escalation)	\$36,466.89
PAYROLL ADDITIVES @	44.30% (of Total Direct Labor + Escalation)	\$13,043.87
TOTAL MULTIPLIERS		\$50,299.40

OTHER DIRECT EXPENSES *** Billed at Actual Cost ***

ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT
REPRODUCTION - Phase II Site Investigation	1	LS @	\$335.00	\$335.00
ODCs - Bidding Support		LS	\$500.00	
ODCs - Construction Support	1	LS @	\$4,000.00	\$4,000.00
Full Size Blueprints		Sheet	\$0.90	
Half Size Blueprints		Sheet	\$0.40	
8.5"x11" Photocopies		Copy	\$0.10	
11"x17" Photocopies		Copy	\$0.20	
MISC.				
Fed Ex and Mail	1	LS @	\$217	\$217.00
Field & Misc Supplies	1	LS @	\$600	\$600.00
Subcontractor Driller		LS		
Laboratory Testing (Centrum Analytical - TPH and VOCs)	1	LS @	\$2,480	\$2,480.00
Company Field Vehicle	2	Day @	\$85	\$170.00
Soil Probe (Core Probe International)	1	LS @	\$3,750	\$3,750.00
PID Unit	1	LS @	\$220	\$220.00
MILEAGE				
Santa Ana <=> RCTD (80 miles)		Mile	\$0.445	
Santa Ana <=> Project Site (90 miles)		Mile	\$0.445	
Santa Ana <=> Caltrans (100 miles)		Mile	\$0.445	
TOTAL OTHER DIRECT EXPENSES				\$11,772.00

OUTSIDE SERVICES (w/o fee)

COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL
TOTAL OUTSIDE SERVICES				

FEES

OUTSIDE SERVICES ADMIN FEE @	(of Total Outside Services & Outside Services Fees)	
URS CORPORATION @	010.50% (of Total Direct Labor + Total Multipliers)	\$8,290.29
OUTSIDE SERVICES @	010.00% (of Total Labor + Total Multiplier for Outside Services)	
TOTAL FEES		\$8,290.29
TOTAL COST		\$99,018.65

FEE PROPOSAL WORKSHEET

COMPANY: URS Corporation	SCOPE OF WORK 2.1 Improvements Valley/Mission	DATE: 1/21/2009	REV:
PROJECT: SR60/Valley Way Interchange		MILESTONE/PHASE/PROJECT SUMMARY: Phase II	

DIRECT LABOR

PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT
	Project Manager	2	@ \$83.20	\$166.40
	Sr. Project Engineer	8	@ \$53.00	\$424.00
	Project Engineer		\$38.00	
	Engineer		\$32.00	
	Tech/CADD	12	@ \$28.00	\$336.00
	Project Administrator		\$24.00	
	Haz Waste Task Manager		\$70.00	
	Haz Waste Engineer		\$46.88	
	Staff Scientist		\$24.52	
	Clerical		\$19.24	
TOTAL HOURS		22	TOTAL DIRECT LABOR	\$926.40

MULTIPLIERS

ESCALATION @	(Rate)	
OVERHEAD @	123.85% (of Total Direct Labor + Escalation)	\$1,147.35
PAYROLL ADDITIVES @	44.30% (of Total Direct Labor + Escalation)	\$410.40
TOTAL MULTIPLIERS		\$1,557.74

OTHER DIRECT EXPENSES *** Billed at Actual Cost ***

ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT
REPRODUCTION - Phase II Site Investigation		LS	\$335.00	
ODCs - Bidding Support		LS	\$500.00	
ODCs - Construction Support		LS	\$4,000.00	
Full Size Blueprints		Sheet	\$0.90	
Half Size Blueprints		Sheet	\$0.40	
8.5"x11" Photocopies		Copy	\$0.10	
11"x17" Photocopies		Copy	\$0.20	
MISC.				
Fed Ex and Mail		LS	\$217.00	
Field & Misc Supplies		LS	\$600.00	
Subcontractor Driller		LS		
Laboratory Testing (Centrum Analytical - TPH and VOCs)		LS	\$2,480.00	
Company Field Vehicle		Day	\$85.00	
Soil Probe (Core Probe International)		LS	\$3,750.00	
PID Unit		LS	\$220.00	
MILEAGE				
Santa Ana <=> RCTD (80 miles)		Mile	\$0.445	
Santa Ana <=> Project Site (90 miles)		Mile	\$0.445	
Santa Ana <=> Caltrans (100 miles)		Mile	\$0.445	
TOTAL OTHER DIRECT EXPENSES				

OUTSIDE SERVICES (w/o fee)

COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL
TOTAL OUTSIDE SERVICES				

FEES

OUTSIDE SERVICES ADMIN FEE @	(of Total Outside Services & Outside Services Fees)	
URS CORPORATION @	10.50% (of Total Direct Labor + Total Multipliers)	\$260.83
OUTSIDE SERVICES @	10.00% (of Total Labor + Total Multiplier for Outside Service)	
TOTAL FEES		\$260.83
TOTAL COST		\$2,745.18

FEE PROPOSAL WORKSHEET

COMPANY: URS Corporation	SCOPE OF WORK 2.2 Flood Permit	DATE: 1/21/2009	REV:
PROJECT: SR60/Valley Way Interchange		MILESTONE/PHASE/PROJECT SUMMARY: Phase II	

DIRECT LABOR

PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT
	Project Manager	2	@	\$83.20
	Sr. Project Engineer	20	@	\$53.00
	Project Engineer			\$38.00
	Engineer			\$32.00
	Tech/CADD	4	@	\$28.00
	Project Administrator	2	@	\$24.00
	Haz Waste Task Manager			\$70.00
	Haz Waste Engineer			\$46.88
	Staff Scientist			\$24.52
	Clerical			\$19.24
TOTAL HOURS		28		TOTAL DIRECT LABOR
				\$1,386.40

MULTIPLIERS

ESCALATION @	(Rate)	
OVERHEAD @	123.85% (of Total Direct Labor + Escalation)	\$1,717.06
PAYROLL ADDITIVES @	44.30% (of Total Direct Labor + Escalation)	\$614.18
TOTAL MULTIPLIERS		\$2,331.23

OTHER DIRECT EXPENSES

*** Billed at Actual Cost ***

ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT
REPRODUCTION - Phase II Site Investigation		LS	\$335.00	
ODCs - Bidding Support		LS	\$500.00	
ODCs - Construction Support		LS	\$4,000.00	
Full Size Blueprints		Sheet	\$0.90	
Half Size Blueprints		Sheet	\$0.40	
8.5"x11" Photocopies		Copy	\$0.10	
11"x17" Photocopies		Copy	\$0.20	
MISC.				
Fed Ex and Mail		LS	\$217.00	
Field & Misc Supplies		LS	\$600.00	
Subcontractor Driller		LS		
Laboratory Testing (Centrum Analytical - TPH and VOCs)		LS	\$2,480.00	
Company Field Vehicle		Day	\$85.00	
Soil Probe (Core Probe International)		LS	\$3,750.00	
PID Unit		LS	\$220.00	
MILEAGE				
Santa Ana <=> RCTD (80 miles)		Mile	\$0.445	
Santa Ana <=> Project Site (90 miles)		Mile	\$0.445	
Santa Ana <=> Caltrans (100 miles)		Mile	\$0.445	
TOTAL OTHER DIRECT EXPENSES				

OUTSIDE SERVICES (w/o fee)

COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL
TOTAL OUTSIDE SERVICES				

FEES

OUTSIDE SERVICES ADMIN FEE @	(of Total Outside Services & Outside Services Fees)	
URS CORPORATION @	10.50% (of Total Direct Labor + Total Multipliers)	\$390.35
OUTSIDE SERVICES @	10.00% (of Total Labor + Total Multiplier for Outside Service)	\$390.35
TOTAL FEES		\$390.35
TOTAL COST		\$4,108.18

FEE PROPOSAL WORKSHEET

COMPANY: URS Corporation	SCOPE OF WORK 2.3 Hazardous Waste Investigation	DATE: 1/21/2009	REV:
PROJECT: SR60/Valley Way Interchange		MILESTONE/PHASE/PROJECT SUMMARY: Phase II	

DIRECT LABOR

PERSONNEL	FUNCTION	HOURS	RATE	AMOUNT
	Project Manager		\$83.20	
	Sr. Project Engineer		\$53.00	
	Project Engineer		\$38.00	
	Engineer		\$32.00	
	Tech/CADD		\$28.00	
	Project Administrator		\$24.00	
	Haz Waste Task Manager	2 @	\$70.00	\$140.00
	Haz Waste Engineer	14 @	\$46.88	\$656.32
	Staff Scientist	42 @	\$24.52	\$1,029.84
	Clerical	10 @	\$19.24	\$192.40
TOTAL HOURS		68	TOTAL DIRECT LABOR	\$2,018.56

MULTIPLIERS

ESCALATION @	(Rate)	
OVERHEAD @	123.85% (of Total Direct Labor + Escalation)	\$2,499.99
PAYROLL ADDITIVES @	44.30% (of Total Direct Labor + Escalation)	\$894.22
TOTAL MULTIPLIERS		\$3,394.21

OTHER DIRECT EXPENSES

*** Billed at Actual Cost ***

ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT
REPRODUCTION - Phase II Site Investigation	1	LS	\$335.00	\$335.00
ODCs - Bidding Support		LS	\$500.00	
ODCs - Construction Support		LS	\$4,000.00	
Full Size Blueprints		Sheet	\$0.90	
Half Size Blueprints		Sheet	\$0.40	
8.5"x11" Photocopies		Copy	\$0.10	
11"x17" Photocopies		Copy	\$0.20	
MISC.				
Fed Ex and Mail	1	LS	\$217.00	\$217.00
Field & Misc Supplies	1	LS @	\$600.00	\$600.00
Subcontractor Driller		LS		
Laboratory Testing (Centrum Analytical - TPH and VOCs)	1	LS @	\$2,480.00	\$2,480.00
Company Field Vehicle	2	Day @	\$85.00	\$170.00
Soil Probe (Core Probe International)	1	LS @	\$3,750.00	\$3,750.00
PID Unit	1	LS @	\$220.00	\$220.00
MILEAGE				
Santa Ana <=> RCTD (80 miles)		Mile	\$0.445	
Santa Ana <=> Project Site (90 miles)		Mile	\$0.445	
Santa Ana <=> Caltrans (100 miles)		Mile	\$0.445	
TOTAL OTHER DIRECT EXPENSES				\$7,772.00

OUTSIDE SERVICES (w/o fee)

COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL
TOTAL OUTSIDE SERVICES				

FEES

OUTSIDE SERVICES ADMIN FEE @	(of Total Outside Services & Outside Services Fees)	
URS CORPORATION @	10.50% (of Total Direct Labor + Total Multipliers)	\$568.34
OUTSIDE SERVICES @	10.00% (of Total Labor + Total Multiplier for Outside Service)	
TOTAL FEES		\$568.34
TOTAL COST		\$13,753.31

FEE PROPOSAL WORKSHEET

COMPANY: URS Corporation	SCOPE OF WORK 2.4 Mission Blvd. Coordination	DATE: 1/21/2009	REV:
PROJECT: SR60/Valley Way Interchange		MILESTONE/PHASE/PROJECT SUMMARY: Phase II	

DIRECT LABOR

PERSONNEL	FUNCTION	HOURS		RATE	AMOUNT
	Project Manager	2	@	\$83.20	\$166.40
	Sr. Project Engineer	8	@	\$53.00	\$424.00
	Project Engineer			\$38.00	
	Engineer			\$32.00	
	Tech/CADD			\$28.00	
	Project Administrator			\$24.00	
	Haz Waste Task Manager			\$70.00	
	Haz Waste Engineer			\$46.88	
	Staff Scientist			\$24.52	
	Clerical			\$19.24	
TOTAL HOURS		10		TOTAL DIRECT LABOR	\$590.40

MULTIPLIERS

ESCALATION @	(Rate)	
OVERHEAD @	123.85% (of Total Direct Labor + Escalation)	\$731.21
PAYROLL ADDITIVES @	44.30% (of Total Direct Labor + Escalation)	\$261.55
TOTAL MULTIPLIERS		\$992.76

OTHER DIRECT EXPENSES *** Billed at Actual Cost ***

ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT
REPRODUCTION - Phase II Site Investigation		LS	\$335.00	
ODCs - Bidding Support		LS	\$500.00	
ODCs - Construction Support		LS	\$4,000.00	
Full Size BlueLines		Sheet	\$0.90	
Half Size BlueLines		Sheet	\$0.40	
8.5"x11" Photocopies		Copy	\$0.10	
11"x17" Photocopies		Copy	\$0.20	
MISC.				
Fed Ex and Mail		LS	\$217.00	
Field & Misc Supplies		LS	\$600.00	
Subcontractor Driller		LS		
Laboratory Testing (Centrum Analytical - TPH and VOCs)		LS	\$2,480.00	
Company Field Vehicle		Day	\$85.00	
Soil Probe (Core Probe International)		LS	\$3,750.00	
PID Unit		LS	\$220.00	
MILEAGE				
Santa Ana <=> RCTD (80 miles)		Mile	\$0.445	
Santa Ana <=> Project Site (90 miles)		Mile	\$0.445	
Santa Ana <=> Caltrans (100 miles)		Mile	\$0.445	
TOTAL OTHER DIRECT EXPENSES				

OUTSIDE SERVICES (w/o fee)

COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL
TOTAL OUTSIDE SERVICES				

FEES

OUTSIDE SERVICES ADMIN FEE @	(of Total Outside Services & Outside Services Fees)	
URS CORPORATION @	10.50% (of Total Direct Labor + Total Multipliers)	\$166.23
OUTSIDE SERVICES @	10.00% (of Total Labor + Total Multiplier for Outside Service)	
TOTAL FEES		\$166.23
TOTAL COST		\$1,749.59

FEE PROPOSAL WORKSHEET

COMPANY: URS Corporation	SCOPE OF WORK 2.5 Technical Support Services	DATE: 1/21/2009	REV:
PROJECT: SR60/Valley Way Interchange		MILESTONE/PHASE/PROJECT SUMMARY: Phase II	

DIRECT LABOR

PERSONNEL	FUNCTION	HOURS	@	RATE	AMOUNT
	Project Manager	70	@	\$83.20	\$5,824.00
	Sr. Project Engineer	70	@	\$53.00	\$3,710.00
	Project Engineer			\$38.00	
	Engineer			\$32.00	
	Tech/CADD	24	@	\$28.00	\$672.00
	Project Administrator	16	@	\$24.00	\$384.00
	Haz Waste Task Manager			\$70.00	
	Haz Waste Engineer			\$46.88	
	Staff Scientist			\$24.52	
	Clerical			\$19.24	
TOTAL HOURS		180		TOTAL DIRECT LABOR	\$10,590.00

MULTIPLIERS

ESCALATION @	(Rate)	
OVERHEAD @	123.85% (of Total Direct Labor + Escalation)	\$13,115.72
PAYROLL ADDITIVES @	44.30% (of Total Direct Labor + Escalation)	\$4,691.37
TOTAL MULTIPLIERS		\$17,807.09

OTHER DIRECT EXPENSES

... Billed at Actual Cost ...

ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT
REPRODUCTION - Phase II Site Investigation		LS	\$335.00	
ODCs - Bidding Support		LS	\$500.00	
ODCs - Construction Support		LS	\$4,000.00	
Full Size Blueprints		Sheet	\$0.90	
Half Size Blueprints		Sheet	\$0.40	
8.5"x11" Photocopies		Copy	\$0.10	
11"x17" Photocopies		Copy	\$0.20	
MISC.				
Fed Ex and Mail		LS	\$217.00	
Field & Misc Supplies		LS	\$600.00	
Subcontractor Driller		LS		
Laboratory Testing (Centrum Analytical - TPH and VOCs)		LS	\$2,480.00	
Company Field Vehicle		Day	\$85.00	
Soil Probe (Core Probe International)		LS	\$3,750.00	
PID Unit		LS	\$220.00	
MILEAGE				
Santa Ana <=> RCTD (80 miles)		Mile	\$0.445	
Santa Ana <=> Project Site (90 miles)		Mile	\$0.445	
Santa Ana <=> Caltrans (100 miles)		Mile	\$0.445	
TOTAL OTHER DIRECT EXPENSES				

OUTSIDE SERVICES (w/o fee)

COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL
TOTAL OUTSIDE SERVICES				

FEES

OUTSIDE SERVICES ADMIN FEE @	(of Total Outside Services & Outside Services Fees)	
URS CORPORATION @	10.50% (of Total Direct Labor + Total Multipliers)	\$2,981.69
OUTSIDE SERVICES @	10.00% (of Total Labor + Total Multiplier for Outside Service)	
TOTAL FEES		\$2,981.69
TOTAL COST		\$31,378.98

FEE PROPOSAL WORKSHEET

COMPANY: URS Corporation	SCOPE OF WORK Construction Services	DATE: 1/21/2009	REV:
PROJECT: SR60/Valley Way Interchange		MILESTONE/PHASE/PROJECT SUMMARY: Phase IV	

DIRECT LABOR

PERSONNEL	FUNCTION	HOURS	@	RATE	AMOUNT
	Project Manager	40	@	\$83.20	\$3,328.00
	Sr. Project Engineer	64	@	\$53.00	\$3,392.00
	Project Engineer	108	@	\$38.00	\$4,104.00
	Engineer	40	@	\$32.00	\$1,280.00
	Tech/CADD	20	@	\$28.00	\$560.00
	Project Administrator	20	@	\$24.00	\$480.00
	Haz Waste Task Manager			\$70.00	
	Haz Waste Engineer			\$46.88	
	Staff Scientist			\$24.52	
	Clerical			\$19.24	
TOTAL HOURS		292		TOTAL DIRECT LABOR	\$13,144.00

MULTIPLIERS

ESCALATION @	6.00% (Rate)	\$788.64
OVERHEAD @	123.85% (of Total Direct Labor + Escalation)	\$17,255.57
PAYROLL ADDITIVES @	44.30% (of Total Direct Labor + Escalation)	\$6,172.16
TOTAL MULTIPLIERS		\$24,216.37

OTHER DIRECT EXPENSES

*** Billed at Actual Cost ***

ITEM	QUANTITY	UNIT	@	UNIT COST	AMOUNT
REPRODUCTION - Phase II Site Investigation					
ODCs - Bidding Support		LS		\$335.00	
ODCs - Construction Support	1	LS	@	\$4,000.00	\$4,000.00
Full Size Blueprints		Sheet		\$0.90	
Half Size Blueprints		Sheet		\$0.40	
8.5"x11" Photocopies		Copy		\$0.10	
11"x17" Photocopies		Copy		\$0.20	
MISC.					
Fed Ex and Mail		LS		\$217.00	
Field & Misc Supplies		LS		\$600.00	
Subcontractor Driller		LS			
Laboratory Testing (Centrum Analytical - TPH and VOCs)		LS		\$2,480.00	
Company Field Vehicle		Day		\$85.00	
Soil Probe (Core Probe International)		LS		\$3,750.00	
PID Unit		LS		\$220.00	
MILEAGE					
Santa Ana <=> RCTD (80 miles)		Mile		\$0.445	
Santa Ana <=> Project Site (90 miles)		Mile		\$0.445	
Santa Ana <=> Caltrans (100 miles)		Mile		\$0.445	
TOTAL OTHER DIRECT EXPENSES					\$4,000.00

OUTSIDE SERVICES (w/o fee)

COMPANY	LABOR	MULTIPLIER	EXPENSES	TOTAL
TOTAL OUTSIDE SERVICES				

FEES

OUTSIDE SERVICES ADMIN FEE @	(of Total Outside Services & Outside Services Fees)	
URS CORPORATION @	10.50% (of Total Direct Labor + Total Multipliers)	\$3,922.84
OUTSIDE SERVICES @	10.00% (of Total Labor + Total Multiplier for Outside Service)	
TOTAL FEES		\$3,922.84
TOTAL COST		\$45,283.41

