



Travis County Commissioners Court Agenda Request

Meeting Date: June 19, 2012

Prepared By/Phone Number: Jason G. Walker/44562; Marvin Brice, CPPB, Assistant Purchasing Agent

Elected/Appointed Official/Dept. Head: Cyd Grimes

Commissioners Court Sponsor: Judge Biscoe

Agenda Language: Approve Modification No. 2 to Contract No. PS110046JW, URS Corporation, for Environmental Monitoring Services for Colorado River Corridor Plan.

- **Purchasing Recommendation and Comments:** Purchasing concurs with department and recommends approval of requested action. This procurement action meets the compliance requirements as outlined by the statutes.
- This project is for environmental monitoring to assess the pre-mining and post-mining conditions, or impacts, of TXI's Hornsby Bend East and Hornsby Bend West permitted mining sites over three (3) environmental media categories.
- This modification number two (2) is for Additional Basic Services for the continuation of environmental monitoring to determine if the permitted TXI mining operation is affecting the quality of air, groundwater, groundwater elevation, and noise levels. The Scope of Services is modified to include up to two (2) years of "interim" monitoring (scaled back monitoring prior to the commencement of mining) and two (2) "active" years of monitoring (monitoring once mining has commenced). As a result of these Additional Basic Services, the initial term is modified to that of five (5) years. This modification will increase the contract amount by \$168,289.85 from \$62,365.74 to \$230,655.59, in which these additional funds were approved by the Commissioners Court on 4/24/12.
- Modification 1 increased the contract amount by \$1,500.00 for Additional Basic Services for the setup and execution of an access agreement between URS and TXI.

AGENDA REQUEST DEADLINE: All agenda requests and supporting materials must be submitted as a pdf to Cheryl Aker in the County Judge's office, Cheryl.Aker@co.travis.tx.us by Tuesdays at 5:00 p.m. for the next week's meeting.

➤ **Contract Expenditures:** Within the last 12 months \$37,911.79 has been spent against this contract/requirement.

➤ **Contract-Related Information:**

Award Amount: \$60,865.74

Contract Type: Professional Services

Contract Period: 7/5/11 – 7/4/12

➤ **Contract Modification Information:**

Modification Amount: \$168,289.85

Modification Type: Professional Services

Modification Period: 7/4/12 – 7/4/16

➤ **Solicitation-Related Information: N/A**

Solicitations Sent:

Responses Received:

HUB Information:

% HUB Subcontractor:

➤ **Special Contract Considerations: N/A**

Award has been protested; interested parties have been notified.

Award is not to the lowest bidder; interested parties have been notified.

Comments:

➤ **Funding Information:**

Shopping Cart in SAP: Funds Reservation 300000165 9 (HTE Req. entered 559261)

Cost Center(s)/Fund(s): 1490110001/0001

Comments:

AGENDA REQUEST DEADLINE: All agenda requests and supporting materials must be submitted as a pdf to Cheryl Aker in the County Judge's office, Cheryl.Aker@co.travis.tx.us by Tuesdays at 5:00 p.m. for the next week's meeting.



TRANSPORTATION AND NATURAL RESOURCES

STEVEN M. MANILLA, P.E., COUNTY EXECUTIVE TNR

411 West 13th Street
Executive Office Building
PO Box 1748
Austin, Texas 78767
(512) 854-9383
FAX (512) 854-4697

May 9, 2012

MEMORANDUM

TO: Maryin Brice, Assistant Purchasing Agent
FROM: *Carl B. Jones for*
Steven M. Manilla P.E., County Executive, TNR
SUBJECT: Modification 2 – Extension of URS Corporation contract for Environmental Monitoring Services, Contract – PS1100046JW

TNR is requesting approval of amendment number two to the URS Corporation professional services agreement. This amendment would increase the not-to-exceed amount for this agreement by \$168,289.85 from \$62,365.74 to \$230,655.59 and extends the contract from its expiration on July 4, 2012 to a new expiration date of July 4, 2016. The attached letter dated April 11, 2012, from URS Corporation describes the estimated costs to complete the upcoming four years of environmental monitoring services. The additional funding was approved by the Commissioners' Court on May 1, 2012.

The extension will cover labor and expenses needed to conduct air quality, groundwater quality, groundwater elevation, and noise monitoring near the Texas Industries Inc. site in eastern Travis County near Dunlap Road/FM 969. The scope of work includes up to two years of "interim" groundwater monitoring, a third year of "active" monitoring of air quality, groundwater quality, groundwater elevation, and noise. Finally, a fourth year of "active" monitoring of air quality, groundwater quality, and groundwater elevations would complete the project.

The funds for this amendment are encumbered under requisition 559261. The account and commodity/sub-commodity code information is provided below.

Description	Account Number	Com/Sub	Amount
URS Corp.	001-4908-628-6099	961/032	\$168,289.85

If you have any questions or require additional information please contact Thomas Weber at extension 4-4629.

cc: Jason Walker, Purchasing
Thomas Weber, TNR
Donna Williams-Jones, TNR

Attachment: URS Proposed Scope of Services



April 11, 2012

Thomas W. Weber
Transportation & Natural Resources
Travis County
1010 Lavaca
Third Floor
Austin, TX 78701

Re: Environmental Monitoring Services for the Colorado River Corridor Plan

Dear Mr. Weber:

URS Corporation (URS) is pleased to present our cost estimate for Environmental Monitoring Services for the Colorado River Corridor Plan. This estimate includes costs for two years of interim monitoring and two years of monitoring during active mining. These costs are consistent with the technical approach, schedule, and scope presented in our March 2, 2011 proposal. However, three changes to the original scope have been made and include:

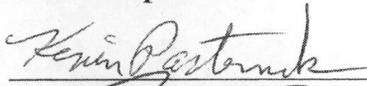
- Addition of an additional interim monitoring year that will take place after the first interim year and before the start of active mining;
- Using URS-owned Airmetrics MiniVol air samplers for measuring PM2.5 and PM10 rather than the Capitol Area Council of Governments air sampling equipment; and
- URS subcontracting directly with LCRA Environmental Laboratory Services for groundwater analytical services.

URS' costs are provided in Attachment 1 and include: 1) cost estimates, by year, for two interim years and two years during active mining; 2) a rate sheet to be used for compensating any additional services (only to be used upon receiving a written request from the Executive Director); 3) unit rates for reimbursable expenses; and 4) additional travel and equipment rental costs. Revisions to the proposed environmental monitoring services have resulted in a cost increase of \$62,031.92 and a new total cost of \$168,289.86^{1/5} for the four years of proposed environmental monitoring services from June 2012 to June 2016.

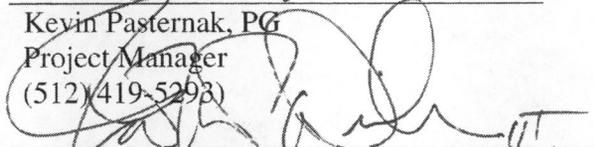
We look forward to your favorable consideration and stand ready to continue this project. Should you require additional information, please do not hesitate to contact Kevin Pasternak at your convenience.

Respectfully,

URS Corporation



Kevin Pasternak, PG
Project Manager
(512) 419-5293

For 

Tylef P. Jones, PG
Vice President, Remediation Department
Manager

URS Corporation
9400 Amberglenn Boulevard
Austin, TX 78729
Tel: 512.454.4797
Fax: 512.454.8807
www.urscorp.com

Funds Reservation 300000165

General Data			
Document type	NE	Document type	030
Company code	1000	Document date	06/08/2012
FM area	1000	Posting date	06/08/2012
Controlling area	1000	Currency	USD/ 1.00000
Statistics			
Entered by	GARDNET	Created on	06/08/2012
Last changed by		Last changed	
More Data			
Text	PO MOD 1 477204/41000002528 COLORADO RIVER CORRIDO		
Reference			
Overall Amount	168,289.85 USD		

Document item 001			
Text	TASK 1		
Commitment item	511971	Funds center	1490110001
Fund	0001	G/L account	511971
Cost center	1490110001	Due on	
Vendor	1000003131	Customer	
Amount	118,580.00 USD		

Document item 002			
Text	TASK 2		
Commitment item	511971	Funds center	1490110001
Fund	0001	G/L account	511971
Cost center	1490110001	Due on	
Vendor	1000003131	Customer	
Amount	35,282.13 USD		

Document item 003			
Text	TASK 3		
Commitment item	511971	Funds center	1490110001
Fund	0001	G/L account	511971
Cost center	1490110001	Due on	
Vendor	1000003131	Customer	
Amount	13,116.70 USD		

Document item 004			
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Funds Reservation 300000165

General Data			
Document type	NE	Document type	030
Company code	1000	Document date	06/08/2012
FM area	1000	Posting date	06/08/2012
Controlling area	1000	Currency	USD/ 1.00000
Statistics			
Entered by	GARDNET	Created on	06/08/2012
Last changed by		Last changed	
More Data			
Text	PO MOD 1 477204/41000002528 COLORADO RIVER CORRIDO		
Reference			
Overall Amount	168,289.85 USD		

Text	REIMBURSABLES		
Commitment item	511971	Funds center	1490110001
Fund	0001	G/L account	511971
Cost center	1490110001	Due on	
Vendor	1000003131	Customer	
Amount	1,311.02 USD		

DRAFT

MODIFICATION OF CONTRACT NUMBER: PS110046JW, Environmental PAGE 1 OF 4 PAGES
Monitoring Services for Colorado River Corridor Plan

ISSUED BY: PURCHASING OFFICE 700 LAVACA ST., STE 800 AUSTIN, TX 78701	PURCHASING AGENT ASST: Jason G. Walker TEL NO: (512) 854-9700 FAX NO: (512) 854-9185	DATE PREPARED: June 1, 2012
ISSUED TO: URS Corporation 9400 Amberglen Blvd. Austin, TX 78729	MODIFICATION NO.: 2	EXECUTED DATE OF ORIGINAL CONTRACT: July 5, 2011

ORIGINAL CONTRACT TERM DATES: 7/5/11 - 7/4/12 CURRENT CONTRACT TERM DATES: 7/5/11 - 7/4/12

FOR TRAVIS COUNTY INTERNAL USE ONLY:
Original Contract Amount: \$60,865.74 Current Modified Amount \$230,655.59.

DESCRIPTION OF CHANGES: Except as provided herein, all terms, conditions, and provisions of the document referenced above as heretofore modified, remain unchanged and in full force and effect.

A. Reference 6 PERIOD OF SERVICE; TERMINATION, 6.2, "This Agreement becomes effective on the Effective Date, as defined herein, and will remain in full force and effect for an initial term of one year from the Effective Date." is deleted in its entirety and replaced with the following: "This Agreement becomes effective on the Effective Date, as defined herein, and will remain in full force and effect for an initial term of five years from the Effective Date."

B. The additional Tasks 1, 2, and 3 Services, as outlined in Consultant's Modified Scope of Services, attached hereto and made a part hereof are hereby added to the contract. As a result of these additional Tasks 1, 2, and 3 Services, contract Basic Services pricing is adjusted as follows:

- 1. Reference EXHIBIT 1, SECTION 1 - COMPENSATION FOR BASIC SERVICES:
 - 1.1. The listed fixed fee amount of \$61,766.74 (as amended by Modification No. 1, 9/16/11) is modified to \$228,745.57, an increase of \$166,978.83.
 - 1.2 The listed amount for Task 1 - Monitoring Groundwater Availability and Quality is modified from \$37,164.05 (as amended by Modification No. 1, 9/16/11) to \$155,744.05, an increase of \$118,580.00. The listed amount for Task 2 - Monitoring Air Quality is modified from \$13,700.45 to \$48,982.58, an increase of \$35,282.13. The listed amount for Task 3 - Monitoring Noise is modified from \$10,902.24 to \$24,018.94, an increase of \$13,116.70. The Basic Services Total is modified from \$61,766.74 (as amended by Modification No. 1, 9/16/11) to \$228,745.57, an increase of \$166,978.83.

C. Reference EXHIBIT 1, SECTION 4 - REIMBURSABLE EXPENSES, 4.2, the REIMBURSABLES TOTAL NOT TO EXCEED amount is modified from \$599.00 to \$1,910.02, an increase of \$1,311.02.

D. Reference EXHIBIT 1, SECTION 6 - TOTAL AGREEMENT SUM. The Total Agreement Sum is modified from an NTE amount of \$62,365.74 (\$61,766.74 Basic Services (as amended with Modification No. 1, 9/16/11), and NTE amount of \$599.00 Reimbursable Expenses) to an NTE amount of \$230,655.59 (\$228,745.57 Basic Services, and NTE amount of \$1,910.02 Reimbursable Expenses) an increase of \$168,289.85.

E. The Contract Scope of Services is modified to include the performance by Consultant of the additional Tasks 1, 2, and 3 Services as outlined in Consultant's Modified Scope of Services (Attachment A).

Note to Vendor:
 Complete and execute (sign) your portion of the signature block section below for all copies and return all signed copies to Travis County.
 DO NOT execute and return to Travis County. Retain for your records.

LEGAL BUSINESS NAME: <u>URS CORPORATION</u>	<input type="checkbox"/> DBA
BY: <u>[Signature]</u> SIGNATURE	<input checked="" type="checkbox"/> CORPORATION
BY: <u>TYLER JONES</u> PRINT NAME	<input type="checkbox"/> OTHER
TITLE: <u>VP REMEDIATION</u> ITS DULY AUTHORIZED AGENT	DATE: <u>6/6/2012</u>

TRAVIS COUNTY, TEXAS BY: <u>[Signature]</u> CYD V. GRIMES, C.P.M., CPPO, TRAVIS COUNTY PURCHASING AGENT	DATE:
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TRAVIS COUNTY, TEXAS BY: <u>SAMUEL T. BISCOE</u> SAMUEL T. BISCOE, TRAVIS COUNTY JUDGE	DATE:
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DRAFT

Modified Scope of Services

The modified scope of services for Environmental Monitoring Services for the Colorado River Corridor Plan for each year is as follows.

Interim Year 1

After baseline environmental monitoring, but prior to commencement of TXI mining activities, it is assumed that up to one year of interim groundwater monitoring activities will take place.

Interim Year 1 groundwater monitoring will include 1) one groundwater sampling event for metals, anions (chloride, sulfate, nitrate-nitrogen, carbonate alkalinity, and bicarbonate alkalinity), TSS, and field parameters (pH, conductivity, dissolved oxygen, turbidity, and temperature); 2) quarterly synoptic water level surveys; and 3) continuation of groundwater elevation data collection with the water level pressure transducer. Analytical laboratory services will be performed by a URS sub-contracted lab.

URS will coordinate with Travis County, Dr. Sharp, and the community, as appropriate, for each Interim Year 1 field event and milestone, including (in order) quarterly-monitoring events (X4) and submittal of the Interim Year 1 Annual Report. The Interim Year 1 Annual Report will document the one groundwater sampling event and quarterly water level monitoring events, present the groundwater data, and compare the interim data to baseline levels.

Interim Year 2

After Interim Year 1, but prior to commencement of TXI mining activities, if necessary, one additional year of interim groundwater monitoring activities will take place.

Interim Year 2 groundwater monitoring will include 1) one groundwater sampling event for metals, anions (chloride, sulfate, nitrate-nitrogen, carbonate alkalinity, and bicarbonate alkalinity), TSS, and field parameters (pH, conductivity, dissolved oxygen, turbidity, and temperature); 2) quarterly synoptic water level surveys; and 3) continuation of groundwater elevation data collection with the water level pressure transducer. Analytical laboratory services will be performed by a URS sub-contracted lab.

URS will coordinate with Travis County, Dr. Sharp, and the community, as appropriate, for each Interim Year 2 field event and milestone, including (in order) quarterly-monitoring events (X4) and submittal of the Interim Year 2 Annual Report. The Interim Year 2 Annual Report will document the one groundwater sampling event and quarterly water level monitoring events, present the groundwater data, and compare the Year 2 interim data to baseline levels.

Year 2

Year 2 tasks will be performed during the first 12-month period of active mining activities at TXI's Hornsby Bend East and Hornsby Bend West mining sites and will consist of groundwater, air and noise monitoring.

Year 2, Task 1 – Groundwater

Year 2 groundwater monitoring will include quarterly groundwater sampling for metals, anions (chloride, sulfate, nitrate-nitrogen, carbonate alkalinity, and bicarbonate alkalinity), TSS, and field parameters (pH, conductivity, dissolved oxygen, turbidity, and temperature); quarterly synoptic water level surveys; and continuation of groundwater elevation data collection with the water level pressure transducer. Analytical laboratory services will be performed by a URS sub-contracted lab.

URS will coordinate with Travis County, Dr. Sharp, and the community, as appropriate, for each Year 2 field event and milestone, including (in order) quarterly-monitoring events (X4) and submittal of the Year 2 Annual Report. The Year 2 Annual Report will identify any water quality parameters or groundwater elevations that vary from baseline levels.

Year 2, Task 2 – Air

Air sampling for PM_{2.5} and PM₁₀ will be conducted using MiniVol portable air samplers, manufactured by Airmetrics, Inc. The sampling technique used by the MiniVol is a modification of the PM₁₀ reference method described in the U.S. Code of Federal Regulations (CFR) (40 CFR Part 50, Appendix J). A PM₁₀ reference sampler must have: 1) an air inlet to provide particle size discrimination, 2) a flow control device capable of maintaining a flow rate within specified limits, 3) means to measure the flow rate during the sampling period, and 4) a timing control device capable of starting and stopping the sampler. The Airmetrics MiniVol Portable Air Sampler has all these features; however, the MiniVol's flow rate (five liters per minute) is generally less than the flow rates used by reference method devices. The lower flow rate results in a greater deviation in accuracy at low concentrations of particulate matter where precision can be lost through the handling and weighing. At high particulate matter levels the sampler produces results that are precise and comparable to reference method samplers according to the product literature. The PM_{2.5} and PM₁₀ samples will be captured on pre-weighed 47-millimeter diameter filters that have been stored at constant controlled relative humidity. Inter-Mountain Labs (IML) Air Science will provide and weigh the filters.

The portable air samplers will be hung from brackets mounted on nearby structures - utility poles, trees, fence posts, etc., and will run on solar-charged battery power. Six PM_{2.5} and six PM₁₀ samples will be collected at each sampling site during four approximately quarterly sampling events. During each sample event, the samples will be collected over one continuous 24-hour period and the samples will be retrieved approximately once every three days. Sampling may be postponed if the chance of rain on a sampling day is forecasted to be 40% or greater or if the ground is exceptionally wet from a previous rainfall, based on field personnel's assessment.

No collocated duplicate samples have been budgeted. QC checks conducted each time filters are installed or replaced will include checks for system leaks, checks of instrument flow rates, and checks of the samplers' real-time clocks and elapsed time indicators.

The levels of suspended particulate matter in the PM_{2.5} and PM₁₀ size fractions will be determined by dividing the mass of particulate matter captured on a given filter by the total volume of air sampled. The reported units will be micrograms per cubic meter. The predominant wind direction during each 24-hour sampling period will be determined from measurements at ABIA. URS will present a summary of monitored Year 2 air quality data and compare the Year 2 data to the baseline "pre-mining" air quality data in the Year 2 Annual Report.

Year 2, Task 3 – Noise

The Year 2 noise monitoring study will determine noise levels in the vicinity of the TXI Hornsby Bend East and Hornsby Bend West sites and at nearby sensitive receptor locations as a result of TXI mining operations. Noise levels will be assessed using field measurements. Year 2 noise levels will be compared to baseline noise levels identified during the baseline “pre-mining” phase to determine the incremental increase of noise levels in the vicinity of TXI operations and to identify potential noise impacts at nearby sensitive receptor locations. The Noise Monitoring Study will also identify significant noise sources in operation at the TXI facilities as well as to identify significant noise sources unrelated to TXI.

During Year 2, The URS Team will perform a detailed site reconnaissance in the field to confirm the location and appropriateness of sensitive receptors located near the TXI mining sites. URS will also identify any new sensitive receptors that were not included in the baseline noise analysis. URS will document the type and location of each identified sensitive receptor located within the study area. URS will document significant noise generation activities from new TXI mining operations and will also document significant noise generation activities from sources unrelated to TXI.

The URS Team will conduct noise measurements at sites included in the baseline “pre-mining” phase. Noise measurements will be conducted using noise monitoring methodologies identified during the baseline “pre-mining” effort. The noise measurements will be performed semi-annually during Year 2, over a one-week monitoring cycle. Monitoring operations will be timed to coincide with active mining operations at the TXI facility, including the incorporation of noise from material haul vehicles accessing the site. The URS Team will document all sources of noise during each monitoring period. URS will also document field observations of each monitoring site and include observations of new or other significant sources of noise unrelated to TXI operations. Noise measurements will be performed at different times of the day, night, and week.

At the conclusion of the Year 2 “after mining begins” phase, the URS Team will document existing noise sources, noise propagation pathways, sensitive receptor locations, outdoor noise impact threshold or trigger levels, monitored noise levels, and a comparison of Year 2 monitored noise levels to baseline noise levels, as well as with applicable local, state, and/or federal regulatory noise limits or threshold values in the Year 2 Annual Report.

Year 3

Year 3 tasks will be performed during the second 12-month period of active mining activities at TXI’s Hornsby Bend East and Hornsby Bend West mining sites. Year 3 environmental monitoring will document the measurable changes to groundwater availability, groundwater quality, and air quality relative to pre-mining baseline conditions. Year 3 monitoring results will be documented in the Year 3 Annual Report. The Year 3 groundwater and air monitoring activities will be the same as those for Year 2. No noise monitoring will be performed in Year 3.