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March 16, 2016

Ms. Jodi Powell
Project Officer
U.S. Environmental Protection Agency
1595 Wynkoop Street
Denver, CO 80202-1129

Project: RAC Contract Number EP-W-05-049
Work Assignment Number 357-TATA-A882

Subject: Revised Work Plan for Technical Assistance, Anaconda Aluminum Plant Proposed Superfund Site

Dear Ms. Powell:

CDM Federal Programs Corporation (CDM Smith) is pleased to submit this revised work plan for work assignment (WA) number 357-TATA-A882 to provide technical assistance to the U.S. Environmental Protection Agency (EPA) for document review of the Anaconda Aluminum Plant Proposed Superfund Site (Site) proposed remedial investigation and feasibility study (RI/FS) work plan, sampling and analysis plans (SAPs), and supporting documents. The revision is the result of an additional scoping meeting between CDM Smith and the EPA Work Assignment Manager (WAM) on March 8, 2016 for onsite technical support. This work plan summarizes the details for performing the tasks as described in the work assignment form (WAF), dated September 24, 2015. This work plan includes assumptions, costs, and personnel for the support discussed in the statement of work (SOW) provided with the WAF. In accordance with the conflict of interest (COI) screen performed for the original work assignment at this site, there are no current or perceived COI at the time of this submittal. This letter work plan is organized into the following sections:

This letter work plan is organized in the following sections:

- Key Assumptions
- Task 1 – Project Planning and Support
- Task 2 – Technical Assistance
- Task 3 – Work Assignment Closeout
- Project Deliverables
- Project Personnel

Key Assumptions

The total cost, including fee, for the Site support is shown in the attached cost spreadsheets. The WA was initiated by CDM Smith according to the SOW provided on September 24, 2015 for 357-TATA-A882 requesting technical support for the Site. The period of performance (POP) for this WA extends through September 27, 2016. This work plan response covers work performed September 24, 2015 to September 27, 2016 (12 months). Key assumptions used to estimate the budget to complete EPA's SOW are presented in the following sections.

Task 1 – Project Planning and Support

1.1 Develop and Negotiate Work Plan

This activity includes attending a scoping meeting; preparing this work plan, which describes how CDM Smith will perform the tasks assigned, planning assumptions, staff, and overall management strategy; and negotiating and preparing a revised work plan. This work plan presents the associated costs for travel, other direct costs (ODCs), and other supporting details sufficient for EPA to evaluate the costs for the project.

This subtask includes hours for a scoping meeting, which was held on September 25, 2015 with the EPA WAM in Libby, MT to discuss the technical aspects of the work plan. An additional scoping meeting was held on March 8, 2016 to discuss onsite technical support. This subtask also includes hours for a work plan negotiation meeting with EPA and preparation of a revised work plan, if necessary. CDM Smith assumes the negotiation meeting will take place via conference call.

Subcontractor costs, supplies, equipment, or travel are not anticipated for this subtask. CDM Smith's estimate to complete the work for this subtask is 33 professional level of effort (PLOE) and $3,836.

1.2 Project Management

CDM Smith will perform WA project management throughout the POP, including monitoring costs and progress, preparing and submitting monthly progress reports, participating in meetings with the EPA WAM, tracking costs, invoicing, tracking site-specific equipment, and providing overall contract management. The following project management functions will be completed over 12 months from September 24, 2015 through September 27, 2016.

General Project Management – The project manager (PM) and program manager (PgM) will perform weekly project management and cost-tracking activities, attend internal project meetings, support the WAM, and coordinate staff and operational issues. The PgM is budgeted 8 hours, and the PM is budgeted 50 hours over the POP of 12 months to complete this subtask. Also, the PM is budgeted 4 hours and the financial manager is budgeted 2 hours to build project financial tracking spreadsheets at project startup. This subtask will require a total of 64 hours of PLOE.

Monthly Project Status Report (MPSR) – Communication of expenditure versus completion rate will be performed monthly and requires a total of 3 hours per month over the POP of 12 months. Progress will be communicated through expenditure burn charts, schedule updates, detailed incurred and projected costs, and a summary of anticipated problems needing resolution. The MPSR will be prepared by the PM and reviewed by the financial manager prior to submittal. Invoice processing and report generation, copying, and word processing support will be provided by the finical manager. Invoices paid for all costs billed to the EPA will be maintained by CDM Smith and available for review by the EPA. This activity also includes managing, tracking, and reporting status of site-specific equipment. Preparing MPSRs will require a total of 36 hours of PLOE.

Meetings – CDM Smith will update the EPA WAM on WA progress during one meeting every month (over a 12-month period). The 12 meetings will be attended by the PM and held at the Libby EPA Information Center. These meetings will require a total of 6 hours of PLOE, including preparation time, assuming approximately 0.5 hour per meeting. CDM Smith assumes all meetings with the WAM will take place in Libby, MT; therefore, travel is not included in this subtask.

Hours for project management activities are anticipated to cover the entire duration of the WA POP. CDM Smith does not anticipate additional PM time for additional technical support subtasks that may be added during the current POP.

Subcontractor costs, travel, supplies, or equipment are not anticipated for this subtask. CDM Smith's estimate to complete the work for this subtask is 106 PLOE hours and $12,097.

1.3 Quality Assurance (QA)

CDM Smith has established a formal QA program in compliance with American National Standards Institute/American Society for Quality E4-2014, *Quality Management Systems for Environmental Information and Technology Programs – Requirements with Guidance for Use*; EPA QA/R-2, EPA Requirements for Quality Management Plans; EPA QA/R-5, EPA Requirements for Quality Assurance Project Plans; and EPA QA/G-5, Guidance for Quality Assurance Project Plans to ensure consistently high quality in project deliverables under the EPA Remedial Action Contract (RAC). Work performed by CDM Smith on this WA will be conducted in accordance with the contract-specific Quality Management Plan Revision 3, July 2015. Documents and deliverables, such as this work plan, will receive a QA review before transmittal to EPA.

Based on the number of PLOE hours being just above 500 for this WA, two office self-assessments will be performed by CDM Smith's local QA specialist at the discretion of the CDM Smith QA Manager. QA activities will be documented and maintained in the project file.

No subcontractor costs, supplies, or equipment are anticipated for this subtask. CDM Smith's estimate to complete the work for this subtask is 4 PLOE hours and $557.

Task 2 – Technical Assistance

2.1 Technical Assistance

As part of this task, CDM Smith will support the EPA by performing technical review and comment on the potentially responsible party (PRP) draft RI/FS work plan, Phase 1 site characterization SAP, and subsequent revisions. All reviews will have comments delivered to the EPA in technical memorandum format, with comments organized by respective sections of the documents. Additionally, CDM Smith will assist the EPA during an onsite work plan discussion with the PRP. The PLOE for this subtask is based on the following assumptions:

- Due to the aggressive review schedule, CDM Smith will utilize a multi-disciplinary team to complete the initial review of the RI/FS work plan and SAP and provide comments by October 5, 2015.
- An internal CDM Smith project kickoff meeting was held with technical reviewers to discuss project details, deliverable schedule, and review comment format.
- Review of historic documents provided in the appendices of the RI/FS work plan prior to document review and comment.
- Complete an EPA QA crosswalk table to confirm EPA guidelines were followed during SAP development.
- Complete a crosswalk table to verify requirements of the Administrative Order on Consent was addressed in the work plan and SAP.
- Two additional document review and comment sessions for the RI/FS work plan and SAP are included and will be performed as requested by the EPA.
- Provide a clerical level administrative professional to support document preparation and scheduling for RI/FS and SAP document review meetings. The LOE for the task will be 15 hours.

Costs associated with this subtask include administrative costs and printing of meeting materials. CDM Smith's estimate to complete the work for this subtask is 119 PLOE hours and $20,547.

2.2 Meetings

CDM Smith will support EPA by attending meetings with the PRP. The PLOE for this subtask is based on the following assumptions:

- Attend two separate meetings with the EPA and PRP to review and discuss comments to the RI/FS work plan and SAP documents. CDM Smith assumes all meetings will be held in Columbia Falls, MT.
- Conduct two separate 4-hour meetings with the EPA prior to meeting with the PRP to discuss team comments.
- Eight hours (4 per meeting) are included to complete action items assigned by the WAM during the two meetings with the PRP.
- Travel costs for this subtask include rental vehicles, fuel, lodging and per diem, and miscellaneous incidentals.

Costs associated with this subtask include travel costs. CDM Smith's estimate to complete the work for this subtask is 48 PLOE hours and $11,350.

2.3 Onsite Technical Support

CDM Smith will provide onsite technical support to document the PRP's performance of field work. CDM Smith assumes the onsite technical support will be required during the 22-week period of field investigations conducted by the PRP. During these field investigations, CDM Smith will provide onsite technical support and document the PRP's field activities, and prepare technical reports summarizing observations of the field activities. In addition, the technical oversight reports will include copies of CDM Smith's field logbooks and any other field documentation collected. The PLOE for this subtask is based on the following assumptions:

- Four onsite technical support events will be completed
- Scheduling of the onsite technical support will be coordinated between the CDM Smith PM and EPA WAM
- 40 hours are included for each onsite technical support event
- Technical reports will be submitted electronically to the EPA WAM
- Travel costs for this subtask include rental vehicles, fuel, lodging and per diem, and miscellaneous incidentals

CDM Smith's estimate to complete the work discussed above is 190 PLOE hours and $20,530. Travel costs, supplies, and equipment for this task are included in the cost summary spreadsheet.

Task 3 – Work Assignment Closeout

3.1 Work Assignment Closeout

EPA will notify CDM Smith when the activities required for the WA are complete and WA closeout should be prepared. Following the notification, CDM Smith will provide an estimate of final costs, including amount of funding allocated to the WA; approved budget; all costs that had been incurred completing the activities required by this WA; all costs incurred but not invoiced; the anticipated cost to close out the WA, such as copying, shipping, and other administrative records; and final project total costs.

If requested, CDM Smith will provide a document list for this WA for review by the WAM for duplication check. CDM Smith will provide EPA with additional copies of project documents upon request either in electronic or hard copy format. CDM Smith also will return any documents to EPA or other document repositories as applicable. CDM Smith will complete administrative activities as defined in the contract for file retention, which include file archiving to meet Federal Center requirements, distribution, and storage. CDM Smith will prepare and submit with the final invoice an accounting of costs and PLOE by subtask and compare it to the projected budget.

Subcontractor costs, travel, supplies, or equipment are not anticipated for this subtask. CDM Smith's estimate to complete the work for this subtask is 20 PLOE hours and $2,543.

Project Deliverables

CDM Smith will submit the following deliverables:

Subtask	Deliverable	Submittal Date
1.1	Revised work plan	March 16, 2016
1.3	Scoping meetings	September 25, 2015, March 8, 2016
1.4	Negotiated work plan	To be determined
1.2	Monthly progress reports	Monthly
2.1	Original document review and comments Subsequent reviews and comments	October 5, 2015 To be determined
2.3	Technical reports (4) for onsite technical support	After the completion of each technical support event
3.1	WA Closeout Report	September 27, 2016

Project Personnel

A multi-disciplinary team has been organized to provide technical expertise for the WA. CDM Smith personnel proposed at this time and their responsibilities involved with the project are presented below.

Program Support Staff

PgM	Kris Chapman	P4
PM	Damon Repine	P2
Financial manager	Talia Zaczkowski	P2

Project Support Staff

Lead risk assessment technical reviewer	Lynn Woodbury	P4
Lead technical reviewer	Curt Coover	P3
Technical reviewer	Thomas Cook	P3
Technical reviewer	Erin Formanek	P3
Local QA specialist	Bob Alexander	P3
Technical reviewer	Teddy Marcum	P3
Technical reviewer	Sean Coan	P2
Technical reviewer	Lauren Gordon	P1
Editorial reviewer	Traci Mordell	P1
Administrative assistant	Ruby Miller	C

It is assumed the above staff will work on the project. This assumption is subject to change based on scheduling factors. If a staff member identified in this work plan is not available, every attempt to find a staff member with similar technical experience will be made.

Program Management

CDM Smith's estimate to complete the program support associated with this work plan is 23 PLOE hours and $3,216.

Business Confidentiality

This work plan amendment includes data that shall not be disclosed outside the government and shall not be duplicated, used, or disclosed -- in whole or in part -- for any purpose other than to evaluate the work plan. The government shall have the right to duplicate, use, or disclose the data to the extent provided in RAC number EP-W-05-049. The restriction does not limit the government's right to use information contained in this document if it is obtained from another source without restriction. This restriction applies to all data in this proposal.

It is our understanding that upon your approval of the option period scope and budget presented in this work plan, a WAF modifying the expenditure limit of the WA will be issued.

If you have any questions or comments, please feel free to call me at (303) 383-2355. We look forward to our continued support to EPA on this contract.

Sincerely,

Kristine E. Chapman, PMP
CDM Federal Programs Corporation

Attachments

cc: Evelyn Stanley, EPA Contracting Officer
Mike Cirian, EPA WAM
Talia Zaczkowski, CDM Smith Financial Manager
Damon Repine, CDM Smith Project Manager
RAC8 Contract Files
ProjectWise Project File

CDM FEDERAL PROGRAMS CORPORATION
COST ESTIMATE SUMMARY

Work Assignment No.: 357-TATA-A882
Site Name: Anaconda Aluminum Plant
Project Manager: Damon Repine

Contract: EP-W-05-049
Status: Original - Revised
Date: March 16, 2016

LABOR — EXHIBIT A

Labor Category		Hours	Raw Dollars
P4		21	$1,438
P3		126	$6,451
P2		332	$12,974
P1		41	$1,330
C		12	$306
Total Raw Labor		532	$22,500
Fringe	39.20%		$8,820
Overhead	54.20%		$16,975
Total Labor Costs			**$48,295**

OTHER DIRECT COSTS — EXHIBIT B

Other Direct Costs	$932
Equipment Rental	$0
Total Other Direct Costs	**$932**

TRAVEL — EXHIBIT C

Transportation	$2,306
Lodging/Meals	$5,236
Total Travel	**$7,542**

SUBCONTRACTORS — EXHIBIT D

	PLOE Hours	
CDM Smith Labor	0	$0
Team Subcontractor ODCs/Travel		$0
Pool Subcontractors		$0
Subtotal Subcontractor Costs	**0**	**$0**

TOTAL COSTS

Subtotal (Labor, ODCs, Travel, and Subcontractor)			$56,769
Subcontractor Overhead	4.30%		$0
G & A	18.30%		$10,389
Fixed Fee ($8.27/PLOE Hour + 4.71% of Pool Subcontractor and Indirect Costs on Pool Subcontractor)			$4,301
Total Work Plan PLOE/Costs		**520**	**$71,459**
Program Support Allocation	4.5%	23	$3,216
Total Cost Plus Program Support		**543**	**$74,675**

Base Fee Calculation: The base fee is calculated as follows:
Fee on LOE, excluding Program Support Allocation (LOE multiplied by $8.27/LOE Hour), plus
Fee on unburdened subcontracting pool (subcontracting pool multiplied by .0471), plus
Fee on subcontractor overhead applied to unburdened subcontracting pool (subcontracting pool multiplied by subcontractor overhead rate multiplied by .0471), plus
Fee on G&A applied to subcontractor overhead on unburdened subcontracting pool (subcontractor overhead multiplied by G&A rate multiplied by .0471)
Program Support Allocation applied to total PLOE/Costs minus fully burdened subpool

Task Summary - Totals

Work Assignment No.: 357-TATA-A882
Site Name: Anaconda Aluminum Plant
Project Manager: Damon Repine

Contract: EP-W-05-049
Status: Original - Revised
Date: March 16, 2016

Task No.	Description	TASK CODE	Total PLOE Hours (1)	Labor Costs	ODCs (2)	Equipment	Travel	Subcontractor	Subcontractor Overhead	G&A	Fixed Fee	Total Cost
1.0	**Project Planning & Support**	**PPZ**	**143.0**	**$12,820**	**$119**	**$0**	**$0**	**$0**	**$0**	**$2,368**	**$1,183**	**$16,490**
1.1	Develop & Negotiate Work Plan	WKPLN	33.0	$2,984	$27	$0	$0	$0	$0	$551	$273	$3,836
1.2	Project Management	ADMIN	106.0	$9,396	$88	$0	$0	$0	$0	$1,736	$877	$12,097
1.3	Quality Assurance	QUALZ	4.0	$440	$3	$0	$0	$0	$0	$81	$33	$557
2.0	**Technical Assistance**	**ETZ**	**357.0**	**$33,482**	**$796**	**$0**	**$7,542**	**$0**	**$0**	**$7,653**	**$2,953**	**$52,426**
2.1	Technical Assistance	TCHAS	119.0	$13,255	$99	$0	$3,182	$0	$0	$3,026	$984	$20,547
2.2	Meetings	MEETZ	48.0	$4,859	$40	$0	$4,360	$0	$0	$1,694	$397	$11,350
2.3	Onsite Technical Support	TCSPT	190.0	$15,368	$658	$0	$0	$0	$0	$2,933	$1,572	$20,530
3.0	**Work Assignment Closeout**	**COZ**	**20.0**	**$1,993**	**$17**	**$0**	**$0**	**$0**	**$0**	**$368**	**$165**	**$2,543**
3.1	Work Assignment Closeout	CLOSE	20.0	$1,993	$17	$0	$0	$0	$0	$368	$165	$2,543
	Total Costs		**520.0**	**$48,295**	**$932**	**$0**	**$7,542**	**$0**	**$0**	**$10,389**	**$4,301**	**$71,459**

(1) Total PLOE = sum of CDM Federal Programs Corporation and team subcontractor professional labor hours
(2) ODCs = sum of mail/delivery and supplies

Exhibit A - CDM Federal Programs Corporation Labor Costs

Work Assignment No.: 357-TATA-A882
Site Name: Anaconda Aluminum Plant
Project Manager: Damon Repine

Contract: EP-W-05-049
Status: Original - Revised
Date: March 16, 2016

Task No.	Description	$68.50 P4	$51.20 P3	$39.08 P2	$32.45 P1	$25.49 C	PLOE	Total Raw Labor Cost	39.20% Fringe	54.20% OH	Labor Cost
1.0	**Project Planning & Support**	**10**	**8**	**124**	**1**	**0**	**143**	**$5,973**	**$2,341**	**$4,506**	**$12,820**
1.1	Develop & Negotiate Work Plan	2	4	26	1	0	33	$1,390	$545	$1,049	$2,984
1.2	Project Management	8	0	98	0	0	106	$4,378	$1,716	$3,303	$9,396
1.3	Quality Assurance	0	4	0	0	0	4	$205	$80	$155	$440
2.0	**Technical Assistance**	**6**	**118**	**193**	**40**	**12**	**357**	**$15,599**	**$6,115**	**$11,769**	**$33,482**
2.1	Technical Assistance	6	86	27	0	12	119	$6,175	$2,421	$4,659	$13,255
2.2	Meetings	0	32	16	0	0	48	$2,264	$887	$1,708	$4,859
2.3	Onsite Technical Support	0	0	150	40	0	190	$7,160	$2,807	$5,402	$15,368
3.0	**Work Assignment Closeout**	**5**	**0**	**15**	**0**	**0**	**20**	**$929**	**$364**	**$701**	**$1,993**
3.1	Work Assignment Closeout	5	0	15	0	0	20	$929	$364	$701	$1,993
	Total Labor Cost	**21**	**126**	**332**	**41**	**12**	**520**	**$22,500**	**$8,820**	**$16,975**	**$48,295**

EXHIBIT A-1: LABOR MATRIX

Work Assignment No.: 357-TATA-A882
Site Name: Anaconda Aluminum Plant
Project Manager: Damon Repine

Contract: EP-W-05-049
Status: Original - Revised
Date: March 16, 2016

		P4 PERSONNEL			P3 PERSONNEL						P2 PERSONNEL				P1 PERSONNEL			CLERICAL PERSONNEL		
Task No.	Description	Chapman	Woodbury	P4 TOTAL	Coover	Formanek	Alexander	Marcum	Cook	P3 TOTAL	Zaczkowski	Repine	Coan	P2 TOTAL	Mordell	Gordaon	P1 TOTAL	Miller	CLERICAL	TOTAL PLOE
1.0	**Project Planning & Support**																			
1.1	Develop & Negotiate Work Plan	2		**2**			2		2	**4**	2	24		**26**	1		**1**		**0**	**33**
1.2	Project Management	8		**8**						**0**	14	84		**98**			**0**		**0**	**106**
1.3	Quality Assurance			**0**			4			**4**				**0**			**0**		**0**	**4**
2.0	**Technical Assistance**																			
2.1	Technical Assistance		6	**6**	40	22	10	14		**86**		4	23	**27**			**0**	15	**12**	**119**
2.2	Meetings			**0**	20	8		4		**32**		16		**16**			**0**		**0**	**48**
2.3	Onsite Technical Support			**0**						**0**			150	**150**		40	**40**		**0**	**190**
3.0	**Work Assignment Closeout**																			
3.1	Work Assignment Closeout	5		**5**						**0**	10	5		**15**			**0**		**0**	**20**
	TOTAL HOURS BY EMPLOYEE	**15**	**6**	**21**	**60**	**30**	**16**	**18**	**2**	**126**	**26**	**133**	**173**	**332**	**1**	**40**	**41**	**15**	**12**	**520**

Exhibit B: OTHER DIRECT COSTS

Work Assignment No.: 357-TATA-A882
Site Name: Anaconda Aluminum Plant
Project Manager: Damon Repine

Contract: EP-W-05-049
Status: Original - Revised
Date: March 16, 2016

Task No.	Description	PLOE Hours	Mail/Delivery $0.83 /LOE Hour	Supplies (1)	Equipment Rental (1)	Total Cost
1.0	**Project Planning & Support**	**143**	**$119**	**$0**	**$0**	**$119**
1.1	Develop & Negotiate Work Plan	33	$27	$0	$0	$27
1.2	Project Management	106	$88	$0	$0	$88
1.3	Quality Assurance	4	$3	$0	$0	$3
2.0	**Technical Assistance**	**357**	**$296**	**$500**	**$0**	**$796**
2.1	Technical Assistance	119	$99	$0	$0	$99
2.2	Meetings	48	$40	$0	$0	$40
2.3	Onsite Technical Support	190	$158	$500	$0	$658
3.0	**Work Assignment Closeout**	**20**	**$17**	**$0**	**$0**	**$17**
3.1	Work Assignment Closeout	20	$17	$0	$0	$17
	Total Other Direct Costs	**520**	**$432**	**$500**	**$0**	**$932**

(1) See Exhibit B-1 for Supplies and Equipment Rental.

Exhibit B-1: Supplies and Equipment Rental Backup

Work Assignment No.: 357-TATA-A882
Site Name: Anaconda Aluminum Plant
Project Manager: Damon Repine

Contract: EP-W-05-049
Status: Original - Revised
Date: March 16, 2016

Task No.	Description	Supplies				Equipment Rental				Comments
		Qty	Unit Cost	Unit Type	Estimated Cost	Qty	Unit Cost	Unit Type	Estimated Cost	
1.0	**Project Planning & Support**				**$ -**				**$ -**	
1.1	Develop & Negotiate Work Plan				$ -				$ -	
1.2	Project Management				$ -				$ -	
1.3	Quality Assurance				$ -				$ -	
2.0	**Technical Assistance**				**$ 500.00**				**$ -**	
2.1	Technical Assistance				$ -				$ -	
2.2	Meetings				$ -				$ -	
2.3	Onsite Technical Support	1	$500.00	ls	$ 500.00				$ -	Camera, logbooks
3.0	**Work Assignment Closeout**				**$ -**				**$ -**	
3.1	Work Assignment Closeout				$ -				$ -	
	Total Supplies and Equipment Rental Costs				**$ 500.00**				**$ -**	

Exhibit C: TRAVEL COSTS

Work Assignment No.: 357-TATA-A882
Site Name: Anaconda Aluminum Plant
Project Manager: Damon Repine

Contract: EP-W-05-049
Status: Original - Revised
Date: March 16, 2016

Task No.	Description	Airfare Cost	Hotel Cost	Per Diem Cost	Rental Car Cost	Personal Car Cost	Other/Car Cost	Total Cost
2.0	**Technical Assistance**	**$0**	**$3,230**	**$2,006**	**$1,846**	**$0**	**$460**	**$7,542**
2.1	Technical Assistance	$0	$1,330	$826	$726	$0	$300	$3,182
2.3	Onsite Technical Support	$0	$1,900	$1,180	$1,120	$0	$160	$4,360
	Total Travel Costs	**$0**	**$3,230**	**$2,006**	**$1,846**	**$0**	**$460**	**$7,542**

(1) Transportation cost represents the lowest cost air fare currently available.
(2) Lodging, per diem, and mileage are in accordance with CONUS rates.
(3) Other/Car includes expenses for parking, tolls, and shuttles.
(4) See Exhibit C-1 for details.

Exhibit C-1: Travel Cost Backup

Work Assignment No.: 357-TATA-A882
Site Name: Anaconda
Project Manager: Damon Repine

Contract: EP-W-05-049
Status: Original - Revised
Date: March 16, 2016

Task No.	Location From	Location To	Purpose	No. of Staff	Total No. of Trips	Days/ Trip	Airfare (1) Unit Cost	Airfare (1) Total Cost	Hotel (2) Unit Cost	Hotel (2) Total Cost	Per Diem (2) Unit Cost	Per Diem (2) Total Cost	Rental Car Unit Cost	Rental Car Total Cost	Personal Car (2) No of Miles	Personal Car (2) Total Cost	Other/Car Cost (3)	Total Cost
2.1	Helena Mt	Columbia Falls	RI/FS document review meeting with EPA and PRP	1	1	4		$0	$95	$380	$59	$236	$56	$222		$0	$60	**$898**
2.1	Helena Mt	Columbia Falls	RI/FS document review revision 1 meeting with EPA and PRP	1	1	2		$0	$95	$190	$59	$118	$56	$56		$0	$60	**$424**
2.1	Helena Mt	Columbia Falls	RI/FS document review revision 2 meeting with EPA and PRP	1	1	2		$0	$95	$190	$59	$118	$56	$112		$0	$60	**$480**
2.1	Libby Mt	Columbia Falls	RI/FS document review meeting with EPA and PRP	1	1	2		$0	$95	$190	$59	$118	$56	$112		$0	$40	**$460**
2.1	Libby Mt	Columbia Falls	RI/FS document review revision 1 meeting with EPA and PRP	1	1	2		$0	$95	$190	$59	$118	$56	$112		$0	$40	**$460**
2.1	Libby Mt	Columbia Falls	RI/FS document review revision 2 meeting with EPA and PRP	1	1	2		$0	$95	$190	$59	$118	$56	$112		$0	$40	**$460**
2.3	Helena Mt	Columbia Falls	RI/FS document review revision 2 meeting with EPA and PRP	1	1	5		$0	$95	$475	$59	$295	$56	$280		$0	$40	**$1,090**
2.3	Helena Mt	Columbia Falls	RI/FS document review revision 2 meeting with EPA and PRP	1	1	5		$0	$95	$475	$59	$295	$56	$280		$0	$40	**$1,090**
2.3	Helena Mt	Columbia Falls	RI/FS document review revision 2 meeting with EPA and PRP	1	1	5		$0	$95	$475	$59	$295	$56	$280		$0	$40	**$1,090**
2.3	Helena Mt	Columbia Falls	RI/FS document review revision 2 meeting with EPA and PRP	1	1	5		$0	$95	$475	$59	$295	$56	$280		$0	$40	**$1,090**
						Total Travel Costs		**$0**		**$3,230**		**$2,006**		**$1,846**		**$0**	**$460**	**$7,542**

(1) Transportation cost represents the lowest cost air fare currently available.
(2) Lodging, per diem, and mileage are in accordance with CONUS rates.
(3) Other/Truck is fuel for rental truck

RAC REGION VIII - Contract No. EP-W-05-049
CDM SMITH
Work Assignment No.: 357-TATA-A882
Work Assignment Name: Anaconda Aluminum Plant

CDM Federal Programs Corporation Escalation Factor and Labor Rates

START DATE: **9/24/2015**
END DATE: **9/27/2016**
DURATION 12.13 MONTHS

CDM FEDERAL PROGRAMS CORPORATION
LABOR RATE CALCULATION

START DATE: 9/24/2015
END DATE: 9/27/2016
MIDPOINT: 3/26/2016
LABOR QUARTER: 4/5/2015
ESCAL MONTHS: 12

← ESCALATION →

	-------FB------			------OH------			------HAND CHG------			------G&A------			LABOR			ODCs		
0.0 MOS IN 2013	39.60%	0.00%		54.20%	0.00%		4.10%	0.00%		18.30%	0.00%		3.00%	0.00%		2.00%	0.00%	
0.0 MOS IN 2014	39.80%	0.00%		54.20%	0.00%		4.10%	0.00%		18.30%	0.00%		3.00%	0.00%		2.00%	0.00%	
3.0 MOS IN 2015	39.60%	118.80%		54.20%	162.60%		4.30%	12.90%		18.30%	54.90%		3.00%	9.00%		2.00%	6.00%	
9.0 MOS IN 2016	39.00%	351.00%		54.20%	487.80%		4.30%	38.70%		18.30%	164.70%		3.00%	27.00%		2.00%	18.00%	
0.0 MOS IN 2017	39.60%	0.00%		54.10%	0.00%		4.30%	0.00%		18.30%	0.00%		3.00%	0.00%		2.00%	0.00%	
0.0 MOS IN 2018	39.80%	0.00%		53.90%	0.00%		4.30%	0.00%		18.00%	0.00%		3.00%	0.00%		2.00%	0.00%	
12.0		469.80%	39.20%		650.40%	54.20%		51.60%	4.30%		219.60%	18.30%		36.00%	3.00%		24.00%	2.00%

MILEAGE RATE **$0.54**
FEE **$8.27**

LABOR ESC. FACTOR	1.0300
ODC ESC. FACTOR	1.0200

	UNESC.	ESCALATED
PROFESSIONAL 4	$66.50	68.495
PROFESSIONAL 3	$49.71	$51.20
PROFESSIONAL 2	$37.94	$39.08
PROFESSIONAL 1	$31.50	$32.45
TECHNICAL 3	$28.66	$29.52
TECHNICAL 2	$22.86	$23.55
TECHNICAL 1	$21.41	$22.05
CLERICAL	$24.75	$25.49