From:	Reed, Carrie
To:	Dandy, Scott; Lewis, Tyrone
Cc:	Anderson, Keith; Tucker, Keith
Subject:	WAI Final Revised Proposal for Solicitation No. SOL-R7-15-00010
Date:	Wednesday, August 19, 2015 4:37:31 PM
Attachments:	image001.png WAI Response to Discussion Letter EPA Madison County 8.19.15.pdf Volume 1 Technical Madison County EPA 8.19.15.pdf Madison County Remedial Action OU3 and OU4 Volume 2 Cost_Revised FINAL.pdf

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Mr. Dandy and Mr. Lewis,

I apologize that WAI misinterpreted the Government's request for a letter of intent. Attached please find complete revised proposals for the Solicitation No. SOL-R7-15-00010, Madison County Mines Superfund Site Remedial Action for OU3-Residential Properties and OU4-Conrad Tailings, Madison County, Missouri. These proposal volumes are identical to what you received from WAI yesterday with the exception of Volume 1, Section 2.5 Letter of Intent. That section now includes a signed and notarized letter from Mr. Darden Rhodes as well as one from Mr. Jon Deveron Rhodes. Both of these letters state that they intend to work for WAI upon contract award.

We appreciate the opportunity to clarify our proposal. Please confirm receipt of this email. Thank you.

Carrie Reed
WAI
1571 Shyville Road
Piketon, Ohio 45661
740-443-7118
740-701-0105 (cell)
740-443-7979 (fax)
carrie.reed@wastrenadvantage.com

WAI
WASTREN ADVANTAGE INC

U.S. EPA Region 7 August 19, 2015
Attn: Tyrone Lewis, Contracting Officer
11201 Renner Boulevard
Lenexa, Kansas 66219

SUBJECT: Response to Discussion for Solicitation No. SOL-R7-15-00010

Re: Letter from T. Lewis to S. Moore dated August 10, 2015, Establishment of Discussions for Solicitation No. SOL-R7-15-00010, Madison County Mines Superfund Site Remedial Action for OU3-Residential Properties and OU4-Conrad Tailings, Madison County, Missouri

Dear Mr. Lewis,

Wastren Advantage, Inc. (WAI) is pleased to submit this correspondence in response to the above referenced letter. Our response to the matters raised for discussion are detailed below.

EPA Question #1: *Technical Factor 1: Subfactor 2 -Key Personnel required notarized letters of intent to hire for those individuals not employed by the Prime contractor. Your proposal did not have the requisite notarized letters of intent to hire for: Foreman and Quality Assurance Manager. Although your firm listed a teaming partner, for this factor Key Personnel are required to be employed by the Prime or have the notarized letter of intent to hire and the teaming arrangement does not meet the requirement.*

WAI Response: The technical proposal has been revised to include two notarized letters of intent to hire Jon Deveron Rhodes, Proposed Foreman, and Darden Rhodes, Proposed Quality Assurance Manager, as WAI employees. Mr. Rhodes and Mr. Rhodes have signed these letters and they are notarized. The letters are located in Section 2.5 of the proposal.

EPA Question #2: *Additionally, the resume for the proposed Foreman did not clearly demonstrate the required 1 year of directing both General Labor and Hazardous I Contaminated material personnel.*

WAI Response: The resume for Jon Deveron Rhodes, Proposed Foreman, has been revised to better address his experience directing General Labor Crews and Hazardous/Contaminated Material Personnel. Mr. Rhodes has more than 2 years directing General Labor Crews and more than a year directing Hazardous/Contaminated Material Personnel.

EPA Question #3: *Price Factor: Your price proposal did not include amounts for the amount of Clearing and Grubbing for CLINs 1005 and 2005. Please re-evaluate your price proposal to ensure that only items of work defined within the subject solicitation documents are included and provide the Government a revised pricing schedule for this requirement. You may provide additional information to justify your final price.*

WAI Response: The WAI pricing proposal has been revised for Clearing and Grubbing for CLINs 1005 and 2005. Specifically, WAI has revised the pricing proposal to perform clearing and grubbing of 6 acres in Option Period 1 and Option Period 2 using brush hog equipment for clearing and maintaining the site after the aggressive clearing and grubbing as reflecting in CLIN 0005 for the Base Period.

The Final Revised Proposal that responds to the above discussion item(s) is being submitted as required in the referenced correspondence. For the Final Revised Proposal, track changes highlight revisions to the resume, incorporation of the notarized offer letters, and the revised pricing sheet. A clean copy of the Final Revised Proposal is also being submitted.

Regards,

Steven A. Moore

Steven A. Moore
President/CEO
WAI

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2. Key Personnel (Technical Subfactor 2)

WAI is proposing key personnel as required by PWS 2.7, Requirements of Key Personnel, and in M-1 1552.215-71, Evaluation Factors for Award, Technical Subfactor 2, of the solicitation. Key personnel include the Project Manager, the Site Superintendent, the Foreman, and the Quality Assurance Manager. Each element has been addressed specifically in the resume with additional professional experience detailed for each. Training certificates for each will be provided to the Contracting Officer (CO) upon request.

Mr. Anderson and Mr. Killough are current WAI employees. WAI intends to hire Mr. John Deveron Rhodes and Mr. Darden Rhode up contract award, as outlined in Section 2.5, Letter of Intent to Hire.

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2.1 Project Manager – Keith Anderson

Keith D. Anderson

PROPOSED PROJECT MANAGER (PM)

PROFILE

Mr. Anderson is a senior level environmental remediation and nuclear decommissioning professional with demonstrated experience in the roles of operations manager, technical director, senior compliance officer, program/project director, environmental affairs, work planning and development, remediation, decommissioning, and applied health physics. Mr. Anderson also possesses program management experience in both environmental/nuclear disciplines including closure projects and programs for the DOE, DoD, USACE, USBR, NRC, USEPA, and commercial clients.

EDUCATION

J.D., University of Denver, College of Law, Denver, Colorado

M.S. in Radiation Physics, National Technical University at Walden University, Fort Collins, Colorado

B.S. in Psychology/Chemistry, Oral Roberts University, Tulsa, Oklahoma

EXPERIENCE

Senior Project Manager 2014 – Present

WAI

Senior Project Manager responsible for baseline schedule and cost estimates, project planning and execution, monitoring of project performance, quality program implementation, and daily client interactions. Responsible for management of complex projects for environmental and decommissioning project for U.S. and international clients. Responsible for all facets of subcontractor procurement, cost analysis, and performance supervision for assigned projects. Providing technical and regulatory assessment of program compliance for DOE, DoD, and other commercial CONUS and international clients. Program development and execution for DoD, with particular emphasis on FUSRAP program execution. Senior Technical Advisor for compliance audit and regulatory analysis for U.S. DOE Office of Legacy Management. Specific task involved gap analysis for implementing DOE O 458.1 for more than 89 sites through the U.S. Drafted and submitted detailed report on proposed implementation, including resource loaded baseline schedule.

Senior Project Manager/Program Manager 1997 – 2014

ECC

Director of RadCon Services/Program Manager

Managed $135 million in construction, remediation, and decommissioning projects at multiple sites for federal and commercial clients. Successfully led and managed diverse technical and operational teams from a few engineers to large organization of more than 100 personnel in support of more than 28 projects. Projects completed over tenure valued at more than $350 million, release of hundreds of acres of property, and excavation, removal, and disposal of more than 230,000 cubic yards of contaminated wastes. Managed all phases of remediation projects; planning and execution phase, fiscal performance and reporting, and interaction with regulators, clients, and negotiation with other responsible parties for cost allocation. Drafting and reviewing sites assessment reports,

2.3 Foreman – Jon Deveron Rhodes

Jon Deveron Rhodes

PROPOSED FOREMAN

PROFILE

Mr. Rhodes brings significant labor, operating and foreman experience. He is attentive to details, a quick learner, a team player, and has repeatedly proven himself as an effective communicator. Mr. Rhodes has many years of experience directing personnel, ranging from general labor personnel to hazardous/contaminated material management. Additionally, his skills in documentation; HAZWOPER, first aid, CPR, and OSHA certifications have made him an asset on several projects for clients.

EXPERIENCE

Foreman 2009 – Present

Northwind Engineering, LLC

Mr. Rhodes is the Superintendent on Northwind Federal Projects including work for the USDA Forest Service at Shawnee National Forest and Glendale Lake Project, USACE St. Louis District FUSRAP site, and other miscellaneous projects. Mr. Rhodes has been responsible for heavy equipment operation including tracked excavators, dozers, skid steers, and other miscellaneous equipment.

Volunteer Village, Rock Island USACE (September 2014 – April 2015)

Volunteer Village included construction of residential camp sites. Mr. Rhodes directed general labor that included equipment operators, truck drivers, and building trades. Tasks included excavation, placing new base stone, and directing the construction of 12 concrete campsite pads. Mr. Rhodes also ensured quality performance and project completion according to government and contract specifications.

Acorn Valley, Rock Island USACE (September 2014 – April 2015)

Directing general labor and performing excavation at residential properties at the Acorn Valley project. Directed the removal and replacement of the existing sanitary system, repair of cracks in existing asphalt, and resurfacing the asphalt with a 2-inch skim coat. Residential roads were restriped and topsoil was placed along the shoulders of the roads. Mr. Deveron Rhodes directed the general labor team to timely complete to specifications.

FEMA Emergency Housing, Sayre, PA (October 2011 – February 2012)

FEMA Emergency Housing was a fast-track design build project that entailed clearing and grubbing, asphalt, sewer, electrical, and mobile homes in a residential area for families displaced by Hurricane Irene in the fall of 2011. In order to successfully complete this project, Mr. Rhodes directed the general labor crew in the excavation and removal of over 54,000 cubic yards of soil in 30 days. As Foreman, he directed and supervised the general labor crew to safely complete the excavation tasks according to the specification, on time, and under budget.

Rolla District Fort Leonard Wood Forest Service Road Improvements (November 2010).

Mr. Rhodes was the Foreman directing the general labor crew of a road construction project. He was involved in following through the project from construction to closeout. The projects consisted of 2 miles of road reconstruction, water drainage and install water diversion. He also maintained all the paperwork for the project.

Rainbow Lake Campground – Trailhead Improvements, Fort Collins, CO (Phase I September 2010 - October 2010, Phase II June 2011 – June 2012)

Mr. Rhodes' residential experience also includes his Forman work for campground trailhead improvements at Rainbow Lake. He managed 10 to 15 employees. Some of the work includes camp pad sides, installing 2,200 feet of walking trail, installing 840 ft. of aggregate sidewalks, 270 square yards of sidewalk, and two prefabricated concrete toilet buildings. Also, a half mile of 24-ft road, 8 miles of 12-foot road, culverts, soil erosion control, silk fence, soil and erosion control. The job also consisted of installing bear boxes, fire rings, picnic tables and pedestal grills. Mr. Rhodes was responsible for the paper work of rental equipment, materials, and maintaining equipment. He also maintained a safe environment while protecting wildlife and trees.

Westinghouse Hematite Clearing and Grubbing, Hematite, MO, Westinghouse (July 2010 – October 2010)

As foreman, Mr. Rhodes directed General Labor crew of Equipment Operators and Laborers for the clearing and grubbing of nine acres of wooded land to construct a laydown area for staging of excavated soils from decommissioning activities. Tasks were performed under the controls for hazardous and contaminated materials as required for the radiologically contaminated site. Mr. Rhodes directed the general labor throughout the project and consistently adhered to worker protection and monitoring requirements of the radioactive contaminated materials license. He directed general labor in the construction of temporary haul roads, culverts, high security fencing, and final grading and storm water control measures.

Use or disclosure of data contained on this sheet is subject to the restriction on the title page of this proposal.

Shawnee National Forest Recreation Area Water/ Waste Water System Replacement, Phases I and 2, Lake Glendale, IL (Phase I January 2009 – May 2009, Phase II September 2010 – March 2011)

Mr. Rhodes was a Foreman during the residential construction of Phase I and II of this multi-year project. As Foreman, Mr. Rhodes directed general labor crews installing HDPE water lines from 1 inch to 4 inch including fittings valves, 44 hydrants, 4 drinking fountains, 8,000 feet of water lines, installed a total of 10,000 feet of water lines, 3,000 sewer lines, 4 septic systems, 4 water treatment units, demolition of 2 biologically hazardous material lagoon systems. Hazardous and contaminated materials from the excavation were loaded on site and transported to a licensed landfill authorized to receive hazardous soil. As Foreman, he oversaw safety of the general labor crew, documented daily reports, purchased materials and tools, and managed payroll. He supervised the closeout process for Phases I and II.

Allegheny National Forest Sheffield Work Center Lead Remediation Sheffield Compound, Warren County, PA.

As Foreman, Mr. Rhodes directed the general labor crew performing hazardous and contaminated material for lead abatement of propoerites, removal and disposal of a 250-gallon concrete grease trap containing a 40 cubic yard sand filter and the removal of 60 tons of lead contaminated soil. He then directed the backfill, seeding, fertilizeing and mulching of the site. He directed the contaminated/hazardous materials crew for the lead abatement of the buildings located on the property. He directed labor crews to replace windows in several areas, repair or replace siding, and oversaw the removal, handling and disposal of lead-based paint in accordance with EPA/DEP guidelines. Mr. Rhodes directed general labor crews for the removal and replacement of the siding and plywood of the C&M Office. Demolition of a gas pump filling station and the repair of soffit, fascia, and roof were completed. Exterior and interior modifications were constructed to historical standards.

LICENSES, CERTFICATIONS, AND REGISTRATIONS

- Hazard Communications Awareness
- HAZWOPER Awareness
- OSHA certified – Construction Safety and Health Training
- CPR and First Aid Certified
- FEMA – National Incident Management System
- Missouri CDL: Class A with M T X endorsements
- USACE Construction Quality Management for Contractors (CQMC) Certified

QUALIFICATION HIGHLIGHTS

- Directing Residential Earthmoving ✓
- Directing General Labor and Hazardous Material Personnel ✓
- OSHA 10-Hour Construction Outreach ✓
- 40-Hour OSHA HAZWOPER and current on HAZWOPER 8-hour Annual Refresher ✓

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bales anchored with 36-inch posts may be used as additional erosion control. A water truck will be onsite at all times to allow for dust suppression.

3.3.2 Clearing and Grubbing

A Conrad Crew Equipment Operator will clear and grub selected areas using heavy equipment. Clearing of trees, shrubs and vegetation will be performed to accommodate construction of the lake and to construct access routes for the excavation and/or grading tailings, contaminated soil and sediment, and other site locations to meet the design plans and specifications. Chain saws may be used to consolidate material. Work will be conducted in a manner so as to prevent damage to property and to provide for the safety of the Conrad Crew. All excavated depressions will be backfilled with borrow material and graded to drain. The majority of the clearing and grubbing will be performed in the Base Period. Clearing and Grubbing during the Option Periods will be performed using a brush hog to maintain the site by clearing and grubbing regrowth at the Conrad Repository and the new repository.

3.3.3 Demolition and Disposal

Equipment Operators will demolish two existing buildings onsite using track excavators. Metal will be cleared, loaded into dumpsters, and transported to an off-site recycle facility. Wood debris will also be placed in commercial-sized dumpsters and hauled offsite to a construction and demolition landfill approved by the State of Missouri. Concrete structures will be demolished and used as fill in the existing water well and decant structures.

The Conrad Crew will transfer and place demolition concrete debris inside the mine shaft. Laborers will then place No. 6 rebar horizontal to the mine shaft opening in the required grid pattern as indicated by the plan drawings. Concrete will then be poured into the mine shaft and allowed seven days to cure. Once cured, the mine monument above the concrete cap will be filled with soil by the Equipment Operator using a track excavator, or similar. A 3-inch diameter, Schedule 40 PVC pipe will be buried a minimum of 4 feet into the mine monument. Six inches of the pipe will be exposed above grade. The pipe will be anchored with an 18-inch horizontal rebar rod. The pipe will also be filled with concrete and closed using an aluminum identification cap.

Equipment Operators will operate loaders to place rip rap in two existing drainage drop inlets, two decant structures, and one water well. Rip rap will be covered with a minimum of 3 feet of concrete as indicated in the plan drawings. Equipment Operators using a hydraulic jackhammer fitted to a track excavator, will collapse existing concrete structures. The structures will be buried a minimum of 18 inches below grade using front end loader.

3.3.4 Rip Rap Drainage Swale

Skilled Equipment Operators operating a variety of heavy equipment will remove any vegetation obstructing swale construction. Operators will shape base soil of the swale before stone installation. Tandem axel dump trucks will place Modot Type III Ditch Liner in the swale channel. Heavy equipment will then be used to rake and spread stone throughout the channel and along the swale banks to specified depth of 2 feet. Clean rock will be placed over the ditch liner in an even layer of 4 inches.

3.3.5 Site Access Road

The OU4 Field Engineer will provide to the Foreman the design drawings for the construction of the Site Access Road. Construction of the road will be primarily completed in the base period.

2.5 Letter of Intent to Hire

WAI
WASTREN ADVANTAGE INC

To Whom It May Concern: August 19, 2015

Subject: Letter of Intent to Hire Upon Contract Award, SOL-R7-15-00010.

Wastren Advantage, Inc. (WAI) is submitting a proposal in response to Solicitation No. SOL-R7-15-00010, Madison County Mines Superfund Site Remedial Action for OU3-Residential Properties and OU4-Conrad Tailings, Madison County, Missouri. As part of this proposal, WAI lists the following personnel as key positions:

Program Manager – Keith Anderson
Site Superintendent – Greg Killough
Foreman – Jon Deveron Rhodes
Quality Assurance Manager – Darden Rhodes

WAI has contacted and intends to hire Mr. Jon Deveron Rhodes, Proposed Foreman, upon contract award. Mr. Rhodes has agreed to accept a positon with WAI as indicated by his signature below.

Acknowledgement of contingent employment based upon contract award of SOL-R7-15-00010 to WAI.

8-19-2015

Jon Deveron Rhodes Date

This letter is notarized as required by the request for proposals (RFP).

Sincerely,

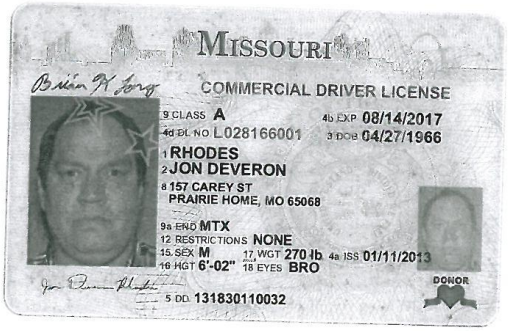
Steven A. Moore

Steven A. Moore
President/CEO
WAI

Theresa Carnahan 8/19/15

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Theresa M. Carnahan, Notary Public
Armstrong Twp., Indiana County
My Commission Expires Jan. 24, 2016
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

1571 Shyville Road - Piketon, OH 45661 | Phone: (740) 443-7924 | Fax: (740) 443-7979
http://www.wastrenadvantage.com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COMMERCIAL DRIVER LICENSE
9 CLASS A
4b EXP 08/14/2017
4d DL NO L028166001
3 DOB 04/27/1966
1 RHODES
2 JON DEVERON
8 157 CAREY ST
PRAIRIE HOME, MO 65068
9a END MTX
12 RESTRICTIONS NONE
15 SEX M
17 WGT 270 lb
4a ISS 01/11/2013
16 HGT 6'-02"
18 EYES BRO
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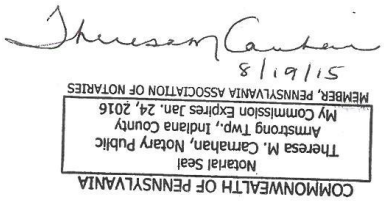
DONOR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WAI
WASTREN ADVANTAGE INC

To Whom It May Concern: August 19, 2015

Subject: Letter of Intent to Hire Upon Contract Award, SOL-R7-15-00010.

Wastren Advantage, Inc. (WAI) is submitting a proposal in response to Solicitation No. SOL-R7-15-00010, Madison County Mines Superfund Site Remedial Action for OU3-Residential Properties and OU4-Conrad Tailings, Madison County, Missouri. As part of this proposal, WAI lists the following personnel as key positions:

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Site Superintendent – Greg Killough
Foreman – Jon Deveron Rhodes
Quality Assurance Manager – Darden Rhodes

WAI has contacted and intends to hire Mr. Darden Rhodes, Proposed Quality Assurance Manager, upon contract award. Mr. Rhodes has agreed to accept a positon with WAI as indicated by his signature below.

Acknowledgement of contingent employment based upon contract award of SOL-R7-15-00010 to WAI.

Darden Rhodes 8-19-15
Date

This letter is notarized as required by the request for proposals (RFP).

Sincerely,

Steven A. Moore
President/CEO
WAI

Theresa M. Carnahan 8/19/15
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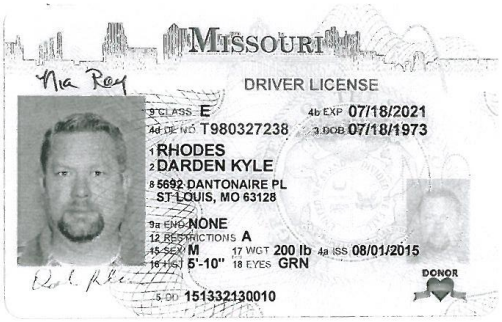

Theresa M Carnahan
8/19/15

COMMONWEALTH OF PENNSYLVANIA
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MADISON COUNTY MINES
RESIDENTIAL SITE(S) - OU3 AND CONRAD TAILINGS - OU4
MADISON COUNTY, MISSOURI

BASE YEAR PERIOD

Item	DESCRIPTION	ESTIMATED QUANTITY	UNIT	ESTIMATED SQUARE FEET	UNIT PRICE	TOTAL
RESIDENTIAL SITE(S) - OU3						
0001	12 Inch Horizon of remediated area			Note 14		
0001AA	1,000 Square Feet (SF) or less	15% or 30 properties	SF	21,000	$ 1.54	*$ 32,340.00*
0001AB	1,001 SF to 5,000 SF	25% or 50 properties	SF	187,500	$ 1.54	*$ 288,750.00*
0001AC	5,001 SF to 10,000 SF	35% or 70 properties	SF	560,000	$ 1.54	*$ 862,400.00*
0001AD	10,001 SF to 20,000 SF	20% or 40 properties	SF	680,000	$ 1.54	*$ 1,047,200.00*
0001AE	20,001 SF and greater	5% or 10 properties	SF	680,000	$ 1.54	*$ 1,047,200.00*
0002	Additional 12 Inch Horizon of remediated area					
0002AA	1,000 Square Feet (SF) or less	15% or 30 properties	SF	9,000	$ 1.55	*$ 13,950.00*
0002AB	1,001 SF to 5,000 SF	25% or 50 properties	SF	75,000	$ 1.55	*$ 116,250.00*
0002AC	5,001 SF to 10,000 SF	35% or 70 properties	SF	210,000	$ 1.55	*$ 325,500.00*
0002AD	10,001 SF to 20,000 SF	20% or 40 properties	SF	240,000	$ 1.55	*$ 372,000.00*
0002AE	20,001 SF and greater	5% or 10 properties	SF	60,000	$ 1.55	*$ 93,000.00*
			Note 7			
0003	Residential Landscaping	200	EA		$ 230.00	*$ 46,000.00*
	G&A Rate:	10.3%				
			Note 12			
0004	Repair/Maintain Previously Remediated Properties	21	EA		$ 907.61	*$ 19,059.81*
	SUBTOTAL RESIDENTIAL SITE(S) - OU3					***$ 4,263,649.81***
CONRAD TAILINGS / REPOSITORIES - OU4						
		NTE	**NOTE 13**			
0005	Clearing and Grubbing	12	ACRES		$ 15,927.30	*$ 191,127.60*
0006	Demolition and Disposal					
0006AA	Existing Buildings & Structures	1	EA		$ 13,501.66	*$ 13,501.66*
0006AB	Collapse/Fill/plug/ cap mine shaft	1	EA		$ 34,278.17	*$ 34,278.17*
0006AC	Collapse/Fill/plug/ cap decant structures	2	EA		$ 11,922.31	*$ 23,844.62*

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0006AD	Collapse/Fill/plug/ cap water well	1	EA	$	9,370.67	$	9,370.67
0007	Drainage and Road Dam Construction	NTE	Note 13				
0007AA	Rip Rap Drainage Swale	2,100	FT	$	128.88	$	270,648.00
0007AB	Site Access Road(s)	4,400	FT	$	73.41	$	323,004.00
0007AC	Drainage Terrace	1,000	FT	$	38.98	$	38,980.00
0007AD	Corrugated Drainage Pipe	140	FT	$	208.89	$	29,244.60
0007AE	Earthern Borrow Area Dam	220	FT	$	-	$	-

Note: The NTE amounts represent the total estimated quantity for the entire scope of the project. Based on Note 13, work may extend beyond one period however the total Sub-CLIN amount should represent the cost for the entire NTE quantity. Accordingly, these prices are only listed in the Base Year Period.

		NTE	Note 13				
0008	Grading	28	ACRES	$	13,871.37	$	388,398.36
0009	Off-site source materials	20,000	CY	$	14.43	$	288,600.00
		NTE	Note 11				
0010	18 Inch Cap, Dam and Vegetation	28	ACRES	$	-	$	-

SUBTOTAL CONRAD TAILINGS - OU4 ***$ 1,610,997.68***

0011 **Property Owner Satisfaction Survey - Incentive #1 (Note 15)** ***$ 42,636.50***
Equal to ~~2.5%~~ 1% of 'Subtotal Residential Site(s) - OU3' above

0012 **Commitment to the Local Community - Incentive #2 (Note 15)** ***$ 58,746.47***
Equal to ~~3.0%~~ 1% of 'Subtotal Residential Site(s) - OU3' above
AND 'Subtotal Conrad Tailings/ Repositories - OU4'

0013 **Diesal Chemical & Particulate Emissions - Incentive #3 (Note 15)** ***$ 29,373.24***
Equal to ~~1.0%~~ 0.5% of 'Subtotal Residential Site(s) - OU3' above
AND 'Subtotal Conrar Tailings/ Repositories - OU4'

TOTAL BASE YEAR PERIOD ***$ 6,005,403.70***
(Subtotal Residential Sites(s) - OU3) + (Subtotal Conrad Tailings/Repositories - OU4) + (0011) + (0012) + (0013)

OPTION PERIOD 1

Item	DESCRIPTION	ESTIMATED QUANTITY	UNIT	ESTIMATED SQUARE FEET	UNIT PRICE		TOTAL
RESIDENTIAL SITE(S) - OU3							
1001	12 Inch Horizon of remediated area			Note 14			
1001AA	1,000 Square Feet (SF) or less	15% or 30 properties	SF	22,500	$ 1.42	$	31,950.00
1001AB	1,001 SF to 5,000 SF	25% or 50 properties	SF	187,500	$ 1.42	$	266,250.00
1001AC	5,001 SF to 10,000 SF	35% or 70 properties	SF	630,000	$ 1.42	$	894,600.00
1001AD	10,001 SF to 20,000 SF	20% or 40 properties	SF	720,000	$ 1.42	$	1,022,400.00

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1001AE	20,001 SF and greater	5% or 10 properties	SF	600,000	$	1.42	$	*852,000.00*
1002	Additional 12 Inch Horizon of remediated area							
1002AA	1,000 Square Feet (SF) or less	15% or 30 properties	SF	15,000	$	1.43	$	*21,450.00*
1002AB	1,001 SF to 5,000 SF	25% or 50 properties	SF	125,000	$	1.43	$	*178,750.00*
1002AC	5,001 SF to 10,000 SF	35% or 70 properties	SF	350,000	$	1.43	$	*500,500.00*
1002AD	10,001 SF to 20,000 SF	20% or 40 properties	SF	400,000	$	1.43	$	*572,000.00*
1002AE	20,001 SF and greater	5% or 10 properties	SF	100,000	$	1.43	$	*143,000.00*
			Note 7					
1003	Residential Landscaping	200	EA		$	230.00	$	*46,000.00*
	G&A Rate:	10.3%						
			Note 12					
1004	Repair/Maintain Previously Remediated Properties	20	EA		$	907.61	$	*18,152.20*
	SUBTOTAL RESIDENTIAL SITE(S) - OU3						***$***	***4,547,052.20***

CONRAD TAILINGS / REPOSITORIES - OU4

		NTE	**NOTE 13**				
1005	Clearing and Grubbing	6	ACRES	$	816.01	$	*4,896.06*
1006	Drainage & Road Dam Construction	NTE	Note 13				
1006AA	Rip Rap Drainage Swale	2,100	FT	$	-	$	-
1006AB	Site Access Road	4,400	FT	$	-	$	-
1006AC	Drainage Terrace	1,000	FT	$	-	$	-
1006AD	Corrugated Drainage Pipe	140	FT	$	-	$	-
1006AE	Earthern Borrow Area Dam	220	FT	$	581.75	$	*127,985.00*

Note: The NTE amounts represent the total estimated quantity for the entire scope of the project. Based on Note 13, work may extend beyond one period however the total Sub-CLIN amount should represent the cost for the entire NTE quantity. Accordingly, the prices are only listed in the Base Year Period, but those prices would apply should they be exercised in an Option Year Period.

		NTE	Note 13				
1007	Grading	28	ACRES	$	-	$	-
1008	Off-site source materials	20,000	CY	$	14.43	$	*288,600.00*
		NTE	Note 11				
1009	18 Inch Cap, Dam and Vegetation	28	ACRES	$	35,610.30	$	*997,088.40*
	SUBTOTAL CONRAD TAILINGS - OU4					***$***	***1,418,569.46***

1010	**Property Owner Satisfaction Survey - Incentive #1 (Note 15)**	***$***	***45,470.52***
	Equal to ~~2.5%~~ 1% of 'Subtotal Residential Site(s) - OU3' above		
1011	**Commitment to the Local Community - Incentive #2 (Note 15)**	***$***	***59,656.22***

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Equal to ~~3.0%~~ 1.0% of 'Subtotal Residential Site(s) - OU3' above
AND 'Subtotal Conrar Tailings/ Repositories - OU4'

1012 **Diesal Chemical & Particulate Emissions - Incentive #3 (Note 15)** ***$ 29,828.11***
Equal to ~~1.0%~~ 0.5% of 'Subtotal Residential Site(s) - OU3' above
AND 'Subtotal Conrar Tailings/ Repositories - OU4'

TOTAL OPTION PERIOD 1 ***$ 6,100,576.51***
(Subtotal Residential Sites(s) - OU3) + (Subtotal Conrad Tailings/Repositories - OU4) + (0010) + (0011) + (0012)

Option Period 2

Item	DESCRIPTION	ESTIMATED QUANTITY	UNIT	ESTIMATED SQUARE FEET				TOTAL
RESIDENTIAL SITE(S) - OU3								
2001	12 Inch Horizon of remediated area			Note 14				
2001AA	1,000 Square Feet (SF) or less	15% or 30 properties	SF	22,500	$	1.50	$	*33,750.00*
2001AB	1,001 SF to 5,000 SF	25% or 50 properties	SF	125,000	$	1.50	$	*187,500.00*
2001AC	5,001 SF to 10,000 SF	35% or 70 properties	SF	350,000	$	1.50	$	*525,000.00*
2001AD	10,001 SF to 20,000 SF	20% or 40 properties	SF	360,000	$	1.50	$	*540,000.00*
2001AE	20,001 SF and greater	5% or 10 properties	SF	200,000	$	1.50	$	*300,000.00*
2002	Additional 12 Inch Horizon of remediated area							
2002AA	1,000 Square Feet (SF) or less	15% or 30 properties	SF	3,000	$	1.51	$	*4,530.00*
2002AB	1,001 SF to 5,000 SF	25% or 50 properties	SF	25,000	$	1.51	$	*37,750.00*
2002AC	5,001 SF to 10,000 SF	35% or 70 properties	SF	70,000	$	1.51	$	*105,700.00*
2002AD	10,001 SF to 20,000 SF	20% or 40 properties	SF	80,000	$	1.51	$	*120,800.00*
2002AE	20,001 SF and greater	5% or 10 properties	SF	20,000	$	1.51	$	*30,200.00*
2003	Residential Landscaping	200	EA		$	230.00	$	*46,000.00*
	G&A Rate:	10.3%						
			Note 12					
2004	Repair/Maintain Previously Remediated Properties	20	EA		$	1,012.55	$	*20,251.00*
	SUBTOTAL RESIDENTIAL SITE(S) - OU3							***$ 1,951,481.00***
CONRAD TAILINGS / REPOSITORIES - OU4								
		NTE	**NOTE 13**					
2005	Clearing and Grubbing	6	ACRES		$	816.01	$	*4,896.06*
2006	Drainage & Road Dam Construction	NTE	Note 13					
2006AA	Rip Rap Drainage Swale	2,100	FT		$	-	$	-

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2006AB	Site Access Road	4,400	FT	$	-	$	-
2006AC	Drainage Terrace	1,000	FT	$	-	$	-
2006AD	Corrugated Drainage Pipe	140	FT	$	-	$	-
2006AE	Earthern Borrow Area Dam	220	FT	$	-	$	-

Note: The NTE amounts represent the total estimated quantity for the entire scope of the project. Based on Note 13, work may extend beyond one period however the total Sub-CLIN amount should represent the cost for the entire NTE quantity. Accordingly, the prices are only listed in the Base Year Period, but those prices would apply should they be exercised in an Option Year Period.

		NTE	Note 13				
2007	Grading	28	ACRES	$	-	$	-
2008	Off-site source materials	20,000	CY	$	14.44	$	288,800.00
		NTE	Note 11				
2009	18 Inch Cap, Dam and Vegetation	28	ACRES	$	-	$	-

SUBTOTAL CONRAD TAILINGS - OU4 ***$ 293,696.06***

2010 **Property Owner Satisfaction Survey - Incentive #1 (Note 15)** ***$ 19,514.81***
Equal to ~~2.5%~~ 1% of 'Subtotal Residential Site(s) - OU3' above

2011 **Commitment to the Local Community - Incentive #2 (Note 15)** ***$ 22,451.77***
Equal to ~~3.0%~~ 1% of 'Subtotal Residential Site(s) - OU3' above
AND 'Subtotal Conrar Tailings/ Repositories - OU4'

2012 **Diesal Chemical & Particulate Emissions - Incentive #3 (Note 15)** ***$ 11,225.89***
Equal to ~~1.0%~~ 0.5% of 'Subtotal Residential Site(s) - OU3' above
AND 'Subtotal Conrar Tailings/ Repositories - OU4'

TOTAL OPTION PERIOD 2 ***$ 2,298,369.53***
(Subtotal Residential Sites(s) - OU3) + (Subtotal Conrad Tailings/Repositories - OU4) + (2010) + (2011) + (2012)

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PRICING SCHEDULE NOTES:

NOTE 1: For purposes of pricing and payment, Davis Bacon wages apply to all employees and subcontractors performing work on the site (except for supervisory) INCLUDING ALL TRUCK DRIVERS (unless truck driver is a true owner-operator)

NOTE 2: Prices proposed include any/all labor, equipment, and materials necessary to perform the service described. Both the pricing and the Project Management Plan shall be based on the performance of the units of measure itemized in this pricing schedule. This is NOT a property-based contract.

NOTE 3: Prices proposed shall include all premiums for bonding. No separate and distinct reimbursement for bond premiums will be made.

NOTE 4: Number specified under the ESTIMATED QUANTITY column represents the maximum allowable UNITS for each CLIN.

NOTE 5: The Government is fairly certain that it will provide sufficient work for the Contractor to achieve within 15% of the estimated quantities specified in the Pricing Schedule.

NOTE 6: Each CLIN has five Sub CLINs that represent individual sites, all of which are a part of the Madison County Mines project (i.e. 0001AA, 0001AB, 0001AC, 0001AD, 0001AE). Contractor shall identify on each invoice the UNIT of work accomplished at each site by referencing the appropriate sub-CLIN.

NOTE 7: Landscaping includes only the following materials: fence, fence posts, bushes, flowers, trees, decorative / edging rock or stone, landscape fabric and mulch. Contractor shall submit receipts for all the aforementioned materials to the COR prior to invoicing for those expenditures. Payment for labor of this CLIN shall not exceed the “Laborer” wage rate identified in DOL General Decision Number: MO150001 dated 05/08/2015. Note: The total proposed price for CLINS 003, 1003, and 2003 shall include all estimated costs plus offeror's applicable G&A %.

NOTE 8: Clearing and grubbing shall include the cost of final debris disposition which may include burning, grinding, of off-site disposal

NOTE 9: Drainage and Road Construction shall include all material costs

NOTE 10: 18" Cap includes the cost of earthen Dam construction. The main pile is estimated to use clean material from the lake that would require approximately 65,000 cubic yards, leaving a surplus of fill material from the lake, so the final aerial extent and depth of the lake could be driven by cover soil / fill requirements.

NOTE 11: The 28 acres for the 18 Inch Cap, Dam, and Vegetation is a Not To Exceed (NTE) amount. Work may expand beyond one period. Only acreage completed during the applicable time period may be billed, up to the NTE amount.

NOTE 12: The 20 estimated properties is a Not To Exceed (NTE) amount. Work may expand beyond one period. Only the actual number of properties completed during the applicable time period may be billed, up to the NTE amount.

NOTE 13: These amounts are estimated quanities and are a Not to Exceed (NTE) amount. Work may expand beyond One period. Only the actual quantity based on the repsective units of measuremenet completed during the applicable Time period may be billed, up to the NTE amount.

NOTE 14: An estimated soil volume within the square footage range for each line item is inluded for bidding purposes only.

NOTE 15: The requirements for earning an Incentive are specified in the Quality Assurance Surveillance Plan (QASP). The contractor must meet all requirements in the QASP to earn the incentive.

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