



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Solicitation

NUMBER
DEP16244

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
FRANK WHITTAKER 304-558-2316

RFQ COPY
 TYPE NAME/ADDRESS HERE

VENDOR

SHIP TO

ENVIRONMENTAL PROTECTION
 DEPARTMENT OF
 OFFICE OF AML&R
 601 57TH STREET SE
 CHARLESTON, WV
 25304 304-926-0499

DATE PRINTED
06/24/2013

BID OPENING DATE: 07/03/2013 BID OPENING TIME 1:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
				ADDENDUM NO. 1		
				ADDENDUM IS ISSUED:		
				1. TO PROVIDE ANSWERS TO QUESTIONS REGARDING THE SOLICITATION AND TO ADDRESS REVISIONS AND CLARIFICATIONS MADE TO THE SPECIFICATIONS.		
				2. TO PROVIDE A WATER SAMPLE ANALYSIS REPORT.		
				3. TO PROVIDE A REVISED CONTRACTOR'S BID SHEET.		
				4. TO PROVIDE VENDORS A COPY OF THE MANDATORY PRE-BID MEETING SIGN-IN SHEETS.		
				5. TO MOVE THE BID OPENING DATE; FROM: JUNE 27, 2013 @ 1:30 P.M. TO: JULY 3, 2013 @ 1:30 P.M.		
				6. TO PROVIDE ADDENDUM ACKNOWLEDGEMENT. THIS DOCUMENT SHOULD BE SIGNED AND RETURNED WITH YOUR BID. FAILURE TO SIGN AND RETURN MAY RESULT IN THE DISQUALIFICATION OF YOUR BID.		
				***** END OF ADDENDUM NO. 1 *****		

SIGNATURE	TELEPHONE	DATE
-----------	-----------	------

TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
-------	------	-----------------------------------

WHEN RESPONDING TO SOLICITATION, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Solicitation

NUMBER
DEP16244

PAGE
2

ADDRESS CORRESPONDENCE TO ATTENTION OF:
FRANK WHITTAKER 304-558-2316

RFQ COPY
 TYPE NAME/ADDRESS HERE

VENDOR

SHIP TO

ENVIRONMENTAL PROTECTION
 DEPARTMENT OF
 OFFICE OF AML&R
 601 57TH STREET SE
 CHARLESTON, WV
 25304 304-926-0499

DATE PRINTED
06/24/2013

BID OPENING DATE: 07/03/2013 BID OPENING TIME 1:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		962-73		
RECLAMATION: RESTORATION OF LAND & OTHER PROPERTIES						
***** THIS IS THE END OF RFQ DEP16244 ***** TOTAL:						

SIGNATURE		TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	

WHEN RESPONDING TO SOLICITATION, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

SOLICITATION NUMBER: DEP16244
Addendum Number: 1

The purpose of this addendum is to modify the solicitation identified as (“Solicitation”) to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

1. To address questions and revisions regarding the above solicitation.
2. To provide Water Sample Results.
3. To provide revised Contractor's Bid Sheet.
4. To provide a copy of the mandatory pre-bid meeting sign-in sheets.
5. To move the bid opening date;
from: 06/27/2013 @ 1:30 P.M.
to: 07/03/2013 @ 1:30 P.M.
6. To provide Addendum Acknowledgement

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ATTACHMENT A

DEP16244
West Columbia "B"
Addendum #1

- Item 1: The Contractor shall have 210 days from the date of the Notice to Proceed to complete construction activities on the project. The \$250 per day liquidated damage clause will be in effect after the 210 days. However, the total performance period will be 365 days from the date of the Notice to Proceed for invoicing purposes.
- Item 2: Statement - Bat gate mine seals must be installed between the dates of May 1 and August 31.
- Item 3: Q - Are we required to submit a duplicate copy of our bid to the Bid Observer in the State Auditor's Office, as stated earlier in your remarks?
A - No. After checking with the Purchasing Division, it was determined that a duplicate copy is not required to be submitted to the Bid Observer. Only one copy of the bid is required to be submitted to the Purchasing Division for bid opening.
- Item 4: Q - Can we see all the sites for this project at this Pre-Bid Conference?
A - Yes. (All contractors had the opportunity to view all five sites on this project.)
- Item 5: Q - What is the water quality?
A - Water samples were collected at various locations on the site during the study. Water samples were collected from the creek above the proposed work area, and from the creek below the proposed work area. Samples were also taken from the piezometers. The results of water tests on these samples are included with this addendum as an attachment.
- Item 6: Q - Can limestone be used for the channels to the mine seals?
A - Yes. See Section 7.2.2 Specification should read; durable limestone, remove sandstone.
- Item 7: Q - Can limestone be used for the mine seals?
A - No.
- Item 8: Q - Can river gravel be used for mine seals and/or channels?
A - River gravel may be used as long as it meets durability requirements and gradation requirements of specification 10.2.2. Note that the WVDEP does not believe river gravel will meet these requirements.
- Item 9: Q - Is riprap required to be limestone?
A - Yes.
- Item 10: Q - If river gravel can be used, what are the gradation requirements?
A - The aggregate shall be 3"-6" stone with #1 bedding, as per Specification 10.2.2. Also see Item 8 above.
- Item 11: Q - What size stone is specified for the mine seals?
A - As per specification 10.2.2, stone for mine seals shall be 3"-6", with #1 stone bedding. This is also illustrated in the mine seal plans.

DEP16244
West Columbia "B"
Addendum #1

- Item 12: Q - Where are the staging areas for Site 5?
A - Access to the sites is designated on the plan sheets. Staging areas may be set up within the construction limits. Alternately, Contractors may seek staging areas outside the construction limits with an agreement and approval from the property owner. Written approval from the WVDEP is required for staging areas outside the construction limits. (See Item Item 51 below for additional discussion.)
- Item 13: Q - Are there Mussels on this project?
A - This project is adjacent to the Ohio River, which is known to contain Freshwater Mussels, which are an endangered species. As long as Best Management Practices for proper Erosion and Sediment Control steps are followed, there should be no effect on endangered species. It is also noted that the U.S. Fish and Wildlife Service and the W. Va. Division of Natural Resources have reviewed this project, and had no objection to our proposed work.
- Item 14: Statement: As was observed during the pre-bid, there are various areas of saturated/discolored/contaminated (iron, "yellow boy") zones. During the reclamation process, care should be taken by adhering strictly to the Erosion & Sediment Control plan, and Best Management Practices (BMP's), to restrict and limit the contamination of these existing zones, and to prevent any spreading and/or additional contamination.
- Item 15: Q - What type of mine seal is this? (Portal 1-1 on Sheet 4.)
A - The plans specify a wet bat gate.
- Item 16: Q - Is access by way of the area where we walked? (Portals on Sheet 4.)
A - Yes.
- Item 17: Q - Will we have to hammer this portal? (Portal 1-1 on Sheet 4.)
A - If necessary, portals must be excavated (including "hammering") to the appropriate size to accept the specified mine seal.
- Item 18: Q - Is this portal a foam mine seal? (Portal 1-5 on Sheet 4.)
A - Yes.
- Item 19: Q - Where is the borrow area for this area? (Work by the Ohio River on Sheet 8.)
A - The potential borrow area is shown on the southwest area of Sheet 4. If other borrow areas are necessary, it is Contractor's responsibility to obtain borrow area agreements and perform all work in accordance with special provision 1.07 borrow (disposal) areas.

7

DEP16244
West Columbia "B"
Addendum #1

- Item 20: Q - Do we need to clear all the timber in this area? (Work by the Ohio River on Sheet 8.)
A - No. Timber should only be cleared if it is within the construction limits, and if it is within the zone identified for reclamation work. Obviously, not all the area within the construction limits will be cleared. If in doubt, the WVDEP Engineer should be consulted prior to clearing.
- Item 21: Q - For the regrade in this area, do we just scale it off the drawings? (Work by the Ohio River on Sheet 8.)
A - The refuse adjacent to the river is to be graded onto a stable 2:1 slope configuration and soil covered. The concrete structure on this site is to be demolished to 1' below finished grade and the void backfilled. The entire area of coal refuse is to receive 1 foot of soil cover and be revegetated.
- Item 22: Q - Are the concrete piers to be removed? (Concrete ruins shown on the western edge of Sheet 4.)
A - No.
- Item 23: Q - Can bat gates be installed in September, which was what someone said at another Pre-Bid Conference?
A - Bat gates are to be installed between the dates of May 1 and August 31, as stated in Item 2 above. Any bat gate construction date past August 31 is a special exception, must be approved in writing by the WVDEP, is weather dependent, and may or may not be allowed.
- Item 24: Q - Are riprap ditches required where there is regrading in this area? (Sheet 12.)
A - Yes, all the channels shown on Sheet 12 include riprap.
- Item 25: Q - What type of mine seal is this, is it foam or stone, and how much has to be filled? (Portal 1-8 on Sheet 12.)
A - Portal 1-8 is specified to have a standard (non-foam) wet mine seal. The width of the mine seal should extend 5' beyond the mine opening on each side.
- Item 26: Q - What is the length of Channel 1-C? (Sheet 12.)
A - The length of Channel 1-C is approx. 686 feet.
- Item 27: Statement: Regarding Site 2, Sheet 16. The access to all the portals except 2-10, and their associated channel work, is by a temporary stream crossing that crosses near/behind the two small buildings shown on Sheet 16. The contractor is to avoid the yard area.
- Item 28: Correction: Remove Wet Seal 2-1 (Sheet 16) from the reclamation plans. The revised bid sheet is attached as part of this addendum.

DEP16244
West Columbia "B"
Addendum #1

- Item 29: Q - How many mine seals are on Site 2? (Sheet 16.)
A - For bidding purposes, nine, with the removal of mine seal 2-1 mentioned above.
- Item 30: Q - Does all this area need to be cleared? (Site 2, Sheet 16.)
A - The area to be cleared must be within the construction limits and must be in the area identified for reclamation work. Not all the area within the construction limits will be cleared. Care should be taken to minimize the removal of old growth timber. The clearing limits should be confined to the cut/fill limits shown on the cross-sections. Very minor grading is anticipated in the vicinity of mine seal #2-9 and mine seal #2-10. Therefore, the contractor should limit the clearing on these areas to that which is required to access and properly perform the proposed construction. If in doubt, the WVDEP Engineer should be consulted prior to clearing.
- Item 31: Statement: Both Stabilized Construction Entrances specified on Site 3, Sheet 20 should have #1 size stone, for residential use.
- Item 32: Q - How deep is the underdrain pipe at the house on the eastern edge of Sheet 20?
A - The deepest section of the trench is apparently 8' to 9'. The profile is shown on Sheet 56.
- Item 33: Q - Is the cistern beside the house on the eastern edge of Sheet 20 active?
A - No. The cistern is to be removed as part of the installation of the underdrain.
- Item 34: Q - How does the coal depth relate to the underdrain elevations on Site 3? (Sheet 20.)
A - The base of the coal is at about elevation 620+/- . The base of the drains (see drainage profile 3-A and 3-C) are on the bench below the mine. The depth of the subdrains were designed to be at least to the top of bedrock on the bench or below the elevation of the basement at the eastern most home on Site 3, Sheet 20.
- Item 35: Statement: Regarding the house on the eastern edge of Sheet 20. This house has a basement, and an underdrain is proposed to be constructed beside the house, below the level of the basement. It is the Contractor's responsibility to protect the house from damage. The Contractor will be liable for any damage done to the house, and for any necessary repairs. The contractor should photograph and document all existing cracks or other existing conditions at the site to avoid claims.
- Item 36: Correction: The mine seal at portal 3-2 on Sheet 24 should be a wet bat gate. The bat gate was added to the quantities. The revised bid sheet is attached as part of this addendum.
- Item 37: Q - How wide are the mine seals supposed to be here? (Portals 3-3 & 3-4 on Sheet 24.)
A - The plans indicate the portals are approx. 10-15 feet apart. Therefore, the mine seal should extend across both openings and 5' beyond the outside limits.

DEP16244
West Columbia "B"
Addendum #1

- Item 38: Q - What type of headwall is specified here? (Channel 3-G at station 1+00, Sheet 24.)
A - The area in question is at the outlet end of the proposed 18" HDPE pipe culvert. The plans specify the pipe is to receive a standard WVDOH concrete wing wall as shown on the Detail Sheets D-7 & D-8
- Item 39: Q - Is the access to Site 3 through the baseball field? (Sheet 24.)
A - Yes, the access route to the area on the southern side of Lieving road goes through a baseball field. It is noted that the baseball field is considered to be a yard area, and must be restored to its' original, or better condition after the project is completed. The Stabilized Construction Entrance (SCE) shown on the plan sheet should be constructed of #1 stone to make a more drivable surface.
- Item 40: Q - Is the 18" pipe culvert here sized for the entire surface drainage area? (Portal 3-5 on Sheet 24).
A - The proposed 18" culvert is designed to handle only the discharge from Portal 3-5. The portal discharge must stay separate from the surface drainage water.
- Item 41: Q - What is the cut area/depth specified here? (The 18" pipe culvert on Sheet 24.)
A - Depths are shown on Drainage Profile 3-G. Maximum depth is 16' to 17' feet. The profile depths are shown on Sheet 58.
- Item 42: Q - Where can we waste the red material from Site 4? (The area near the Salem Church on Sheet 28.)
A - Material to be wasted must be on the same property owner.
- Item 43: Q - Is the culvert that crosses the road here specified to be open cut? (Site 4, where the proposed 18" culvert crosses Lieving Road.)
A - Yes. See Detail 3 on Sheet D-6 for a Type "F" trench roadway repair, which is required at this location. Also, see the statement below.
- Item 44: Statement: After the Pre-Bid Conference, a pay item for asphalt pavement repair was added to the bid sheet. The revised bid sheet is attached as part of this addendum. Asphalt Repair, if needed, will be measured and paid for on a square yard (SY) basis. A bid item; "11.0 - Asphalt Repair" has been added to the bid sheet. The area to be repaired must first be agreed upon by the WVDEP's representative. The contractor will neatly saw cut the area around the damaged area. The new asphalt thickness will be a minimum of 5" in thickness, 3 1/2" base course with 1 1/2" wearing course. A minimum 4" layer of WVDOH Class I aggregate will be placed and compacted prior to paving. All pavement installed will be measured and paid for on a square yard basis (SY).
- Item 45: Q - Has a highway permit been obtained for this location? (Site 4, Sheet 28.)
A - Yes, an MM-109 Division of Highways permit has been obtained. The contractor shall perform all maintenance of traffic operations in accordance with standard WVDOH traffic engineering requirements including signage, flaggers and other methods to control traffic in the work area.

DEP16244
West Columbia "B"
Addendum #1

- Item 46: Q - What is the water level observed at TB-1? (Site 4, Sheet 28.)
A - The water level at TB-1 one month after drilling was at elevation 597.3 ft.
- Item 47: Q - Is that a mine shaft? (The location of proposed mine seal 4-1 on Sheet 28.)
A - The structure is believed to be a slope entry to an underground mine. See sheet 27 for boring information. The base of coal is at elevation 582.8. The creek elevation at the mine opening behind the church is at elevation 602+/-ft.
- Item 48: Q - Can the concrete structures on Site 4 (Sheet 28) be wasted on site?
A - Yes, as long as they are wasted on the same property owner
- Item 49: Q - Is access to this side where we crossed the stream? (The southern side of Lieving Road on Site 4.)
A - Yes.
- Item 50: Q - Are we required to remove the guardrail to access the work area here? The area in question is near the ruins shown on Sheet 44, along WV Route 62, at approx. station 51+00
A - Yes, it is estimated that the guardrail must be removed to access this site, and that is what is indicated on the plans. If the contractor has an alternate route, please get prior approval from the WVDEP before proceeding. Our desire is to minimize the disturbance.
- Item 51: Q - Where are the proposed access points for Site 5?
A - Three Stabilized Construction Entrances (SCE's) have been designated on the plans for Site 5. Five (5) additional Stabilized Construction Entrances (SCE's) can potentially be added to site 5. The five additional potential SCE's are in areas adjacent to permanent ditches from mine seals to the roadway that have been designed. The Stabilized Construction Entrance (SCE) bid item was increased accordingly. The revised bid sheet is attached as part of this addendum. Note that no additional WVDOH permits have been requested by the WVDEP. It is the responsibility of the Contractor to obtain any additional WVDOH permits necessary to add any SCE's not shown on the original plans. The WVDEP should be consulted regarding the location(s) of any additional stabilized construction entrances prior to construction.

WVDEP- West Columbia "B"

WS-1 Sample from TB-3

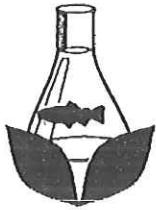
WS-2 Sample from Creek Above Site 4

WS-3 Sample from TB-1

WS-4 Sample from TB-2

WS -5 Sample from Creek Below Site 3

Water Sample
Results



BIO-CHEM TESTING, INC.

5 Weatheridge Drive
Hurricane, WV 25526

Phone: (304) 757-8954

Fax: (304) 757-9676

13
P.O. Box 634
Teays, WV 25569

Web Site: www.biochemtesting.com

e-mail: info@biochemtesting.com

LABORATORY ANALYSIS REPORT


E.L. Robinson Engineering Co.
5088 Washington Street, West
Cross Lanes, WV 25313
Attn: Rich Watts
EL Robinson - Feasibility/Phase II
WS-2 Upstream
West Columbia
Water Sample

Laboratory Number: 1207383-01
Sample Identification: WS-2 Upstream
Sampled By: Client
Date/Time Sampled: 10/02/2012 18:00
Date/Time Received: 10/03/2012 11:39
Sample Type: GRAB
Client Information

PARAMETER	RESULT	NOTE	MDL	UNITS	METHOD	DATE OF ANALYSIS	TIME OF ANALYSIS	ANALYST
Metals by EPA 200 Series Methods								
Aluminum	0.46		0.02	mg/L	EPA200.7	10/08/2012	12:05	CW
Iron	1.17		0.02	mg/L	EPA200.7	10/08/2012	12:05	CW
Wet Chemistry								
Acidity (Hot)	<5		5	mg/L	SM2310B	10/09/2012	13:04	HS
Alkalinity	90		5	mg/L	SM2320B	10/09/2012	8:33	HS
pH	7.50		-	pH Units	SM4500H+ B	10/09/2012	8:33	HS
Total Dissolved Solids	285		5	mg/L	SM2540C	10/04/2012	14:30	IS

Method Reference: USEPA: Methods for Chemical Analysis of Water and Waste, Mar. 1983.
SM: Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992.
SW: Test Methods for Evaluating Solid Waste, 3rd Edition.

Respectfully Submitted:


Mukesh Shah

OCT 18 2012



BIO-CHEM TESTING, INC.

5 Weatheridge Drive
Hurricane, WV 25526

Phone: (304) 757-8954
Fax: (304) 757-9676

16
P.O. Box 634
Teays, WV 25569

Web Site: www.biochemtesting.com
e-mail: info@biochemtesting.com

LABORATORY ANALYSIS REPORT

E.L. Robinson Engineering Co.
5088 Washington Street, West
Cross Lanes, WV 25313
Attn: Rich Watts
EL Robinson - Feasibility/Phase II
WS-1
WVDEP-West Columbia B
Water Sample

Laboratory Number: 1207430-01
Sample Identification: WS-1
Sampled By: Client
Date/Time Sampled: 10/03/2012 13:08
Date/Time Received: 10/04/2012 11:04
Sample Type: GRAB
Client Information:

PARAMETER	RESULT	NOTE	MDL	UNITS	METHOD	DATE OF ANALYSIS	TIME OF ANALYSIS	ANALYST
Metals by EPA 200 Series Methods								
Aluminum	67.5		0.02	mg/L	EPA200.7	10/16/2012	10:42	CW
Iron	121		0.02	mg/L	EPA200.7	10/16/2012	10:42	CW
Wet Chemistry								
Acidity (Hot)	650		5	mg/L	SM2310B	10/09/2012	13:04	HS
Alkalinity	<5		5	mg/L	SM2320B	10/09/2012	8:33	HS
pH	3.07		-	pH Units	SM4500H+ B	10/09/2012	8:33	HS
Total Dissolved Solids	2170		5	mg/L	SM2540C	10/05/2012	16:10	IS

Method Reference: USEPA: Methods for Chemical Analysis of Water and Waste, Mar. 1983.
SM: Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992.
SW: Test Methods for Evaluating Solid Waste, 3rd Edition.

Respectfully Submitted:

Mukesh Shah

OCT 23 2012



BIO-CHEM TESTING, INC.

5 Weatheridge Drive
Hurricane, WV 25526

Phone: (304) 757-8954
Fax: (304) 757-9676

17
P.O. Box 634
Teays, WV 25569

Web Site: www.biochemtesting.com
e-mail: info@biochemtesting.com

LABORATORY ANALYSIS REPORT

E.L. Robinson Engineering Co.
5088 Washington Street, West
Cross Lanes, WV 25313
Attn: Rich Watts
EL Robinson - Feasibility/Phase II
WS-3/TB-1
WVDEP-West Columbia B
Water Sample

Laboratory Number: 1207430-02
Sample Identification: WS-3/TB-1
Sampled By: Client
Date/Time Sampled: 10/03/2012 15:12
Date/Time Received: 10/04/2012 11:04
Sample Type: GRAB
Client Information

PARAMETER	RESULT	NOTE	MDL	UNITS	METHOD	DATE OF ANALYSIS	TIME OF ANALYSIS	ANALYST
Metals by EPA 200 Series Methods								
Aluminum	1.11		0.02	mg/L	EPA200.7	10/09/2012	13:04	CW
Iron	3.44		0.02	mg/L	EPA200.7	10/09/2012	13:04	CW
Wet Chemistry								
Acidity (Hot)	<5		5	mg/L	SM2310B	10/09/2012	13:04	HS
Alkalinity	114		5	mg/L	SM2320B	10/09/2012	8:33	HS
pH	7.23		-	pH Units	SM4500H+ B	10/09/2012	8:33	HS
Total Dissolved Solids	466		5	mg/L	SM2540C	10/05/2012	16:10	IS

Method Reference: USEPA: Methods for Chemical Analysis of Water and Waste, Mar. 1983.
SM: Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992.
SW: Test Methods for Evaluating Solid Waste, 3rd Edition.

Respectfully Submitted:


Mukesh Shah

OCT 23 2012



BIO-CHEM TESTING, INC.

5 Weatheridge Drive
Hurricane, WV 25526

Phone: (304) 757-8954
Fax: (304) 757-9676

18
P.O. Box 634
Teays, WV 25569

Web Site: www.biochemtesting.com
e-mail: info@biochemtesting.com

LABORATORY ANALYSIS REPORT

E.L. Robinson Engineering Co.
5088 Washington Street, West
Cross Lanes, WV 25313
Attn: Rich Watts
EL Robinson - Feasibility/Phase II
WS-4/TB-2
WVDEP-West Columbia B
Water Sample

Laboratory Number: 1207430-03
Sample Identification: WS-4/TB-2
Sampled By: Client
Date/Time Sampled: 10/03/2012 16:24
Date/Time Received: 10/04/2012 11:04
Sample Type: GRAB
Client Information

PARAMETER	RESULT	NOTE	MDL	UNITS	METHOD	DATE OF ANALYSIS	TIME OF ANALYSIS	ANALYST
Metals by EPA 200 Series Methods								
Aluminum	3.64		0.02	mg/L	EPA200.7	10/09/2012	13:04	CW
Iron	24.4		0.02	mg/L	EPA200.7	10/09/2012	13:04	CW
Wet Chemistry								
Acidity (Hot)	<5		5	mg/L	SM2310B	10/09/2012	13:04	HS
Alkalinity	200		5	mg/L	SM2320B	10/09/2012	8:33	HS
pH	6.90		-	pH Units	SM4500H+ B	10/09/2012	8:33	HS
Total Dissolved Solids	1280		5	mg/L	SM2540C	10/05/2012	16:10	IS

Method Reference: USEPA: Methods for Chemical Analysis of Water and Waste, Mar. 1983.
SM: Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992.
SW: Test Methods for Evaluating Solid Waste, 3rd Edition.

Respectfully Submitted:


Mukesh Shah

OCT 23 2012



BIO-CHEM TESTING, INC.

5 Weatheridge Drive
Hurricane, WV 25526

Phone: (304) 757-8954

Fax: (304) 757-9676

19
P.O. Box 634
Teays, WV 25569

Web Site: www.biochemtesting.com

e-mail: info@biochemtesting.com

LABORATORY ANALYSIS REPORT

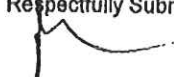
E.L. Robinson Engineering Co.
5088 Washington Street, West
Cross Lanes, WV 25313
Attn: Rich Watts
EL Robinson - Feasibility/Phase II
WS-5 Downstream
WVDEP-West Columbia B
Water Sample

Laboratory Number: 1207430-04
Sample Identification: WS-5 Downstream
Sampled By: Client
Date/Time Sampled: 10/03/2012 18:05
Date/Time Received: 10/04/2012 11:04
Sample Type: GRAB
Client Information

PARAMETER	RESULT	NOTE	MDL	UNITS	METHOD	DATE OF ANALYSIS	TIME OF ANALYSIS	ANALYST
Metals by EPA 200 Series Methods								
Aluminum	0.14		0.02	mg/L	EPA200.7	10/09/2012	13:04	CW
Iron	4.63		0.02	mg/L	EPA200.7	10/09/2012	13:04	CW
Wet Chemistry								
Acidity (Hot)	<5		5	mg/L	SM2310B	10/09/2012	13:04	HS
Alkalinity	99		5	mg/L	SM2320B	10/09/2012	8:33	HS
pH	7.32		-	pH Units	SM4500H+ B	10/09/2012	8:33	HS
Total Dissolved Solids	446		5	mg/L	SM2540C	10/05/2012	16:10	IS

Method Reference: USEPA: Methods for Chemical Analysis of Water and Waste, Mar. 1983.
SM: Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992.
SW: Test Methods for Evaluating Solid Waste, 3rd Edition.

Respectfully Submitted:


Mukesh Shah

OCT 23 2012

Page 4 of 4

WEST COLUMBIA "B"
DEP16244
Contractor's Bid Sheet
(Revised - Addendum No. 1)

Vendors Name: _____

The DEP reserves the right to request additional information and supporting documentation regarding unit prices when the unit price appears to be unreasonable.

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	AMOUNT
1.1	LS	LS	MOBILIZATION & DEMOBILIZATION (LUMP SUM) (CANNOT EXCEED 10% OF TOTAL AMOUNT BID)	LS	\$
2.1	LS	LS	CONSTRUCTION LAYOUT (LUMP SUM) (CANNOT EXCEED 5% OF TOTAL AMOUNT BID)	LS	\$
3.1	LS	LS	QUALITY CONTROL (LUMP SUM) (CANNOT EXCEED 3% OF TOTAL AMOUNT BID)	LS	\$
4.1	LS	LS	SITE PREPARATION (LUMP SUM) (CANNOT EXCEED 10% OF TOTAL AMOUNT BID)	LS	\$
4.2	2	EA	TYPE I TEMPORARY STREAM CROSSING (PER EACH)	\$	\$
4.3	1	EA	TYPE II TEMPORARY STREAM CROSSING (PER EACH)	\$	\$
5.1	6,400	LF	SILT FENCE (PER LINEAR FOOT)	\$	\$
5.2	1,200	LF	SUPER SILT FENCE (PER LINEAR FOOT)	\$	\$
5.3	2,100	LF	STRAW WATTLE (PER LINEAR FOOT)	\$	\$
5.4	29	EA	STONE CHECK DAM (PER EACH)	\$	\$
5.5	17	EA	STABILIZED CONSTRUCTION ENTRANCE (PER EACH)	\$	\$
6.1	16	ACRE	REVEGETATION (PER PLAN VIEW ACRE)	\$	\$
7.1	915	LF	TYPE I RIPRAP DITCH (PER LINEAR FOOT)	\$	\$
7.2	305	LF	TYPE II GROUTED RIPRAP DITCH (PER LINEAR FOOT)	\$	\$
7.3	1,220	LF	TYPE III RIPRAP DITCH (PER LINEAR FOOT)	\$	\$
7.4	325	LF	TYPE IV GROUTED RIPRAP DITCH (PER LINEAR FOOT)	\$	\$
7.5	910	LF	TYPE V TRAPEZOIDAL NATURAL STREAM BED WITH RIPRAP BANKS (PER LINEAR FOOT)	\$	\$
7.6	1,195	LF	TYPE VI TRAPEZOIDAL NATURAL STREAM BED WITH RIPRAP BANKS (PER LINEAR FOOT)	\$	\$
7.7	1,050	LF	DITCH CLEANOUT (PER LINEAR FOOT)	\$	\$
7.8	170	LF	48" HDPE PIPE CULVERT (PER LINEAR FOOT)	\$	\$
7.9	190	LF	36" HDPE PIPE CULVERT (PER LINEAR FOOT)	\$	\$
7.10	980	LF	18" HDPE PIPE CULVERT (PER LINEAR FOOT)	\$	\$
7.11	2	EA	HEADWALL FOR 48" PIPE CULVERT (PER EACH)	\$	\$
7.12	4	EA	HEADWALL FOR 36" PIPE CULVERT (PER EACH)	\$	\$
7.13	7	EA	MANHOLE (PER EACH)	\$	\$
7.14	240	LF	UNDERDRAIN (PER LINEAR FOOT)	\$	\$
7.15	125	LF	UNDERDRAIN CONVEYANCE PIPE (PER LINEAR FOOT)	\$	\$
7.16	4	EA	SPLASH PAD (PER EACH)	\$	\$
8.1	14,000	CY	UNCLASSIFIED EXCAVATION (PER CUBIC YARD)	\$	\$
8.2	2	ACRE	SOIL COVER (PER PLAN VIEW ACRE)	\$	\$
9.1	130	LF	4" DIP SEWER LATERAL (PER LINEAR FOOT)	\$	\$
10.1	19	EA	WET MINE SEALS (PER EACH)	\$	\$
10.2	2	EA	MODIFIED WET MINE SEAL (PER EACH)	\$	\$
10.3	5	EA	WET BAT GATE MINE SEAL (PER EACH)	\$	\$
10.4	4	EA	DRY MINE SEAL (PER EACH)	\$	\$
10.5	4	EA	DRY BAT GATE MINE SEAL (PER EACH)	\$	\$
10.6	12	EA	DRY FOAM BAT GATE MINE SEAL (PER EACH)	\$	\$
10.7	960	LF	MINE SEAL CONVEYANCE PIPE (PER LINEAR FOOT)	\$	\$
10.8	50	BAG	ACID MINE DRAINAGE TREATMENT (PER 50 LB. BAG)	\$	\$
11.0	50	SY	ASPHALT PAVEMENT REPAIR (PER SQUARE YARD)	\$	\$
			TOTAL		\$

REQUEST FOR QUOTATION NO. DEP16244
 West Columbia "B"

SIGN IN SHEET
 PLEASE PRINT

Page 1 of 3
 Date: June 11, 2013

* PLEASE BE SURE TO PRINT LEGIBLY - IF POSSIBLE, LEAVE A BUSINESS CARD

FIRM & REPRESENTATIVE NAME	MAILING ADDRESS	TELEPHONE & FAX NUMBERS
Company: <u>COWGIRL LP INC</u> Rep: <u>DENNIS G. ELBON</u> Email Address: <u>DCE-COWGIRL LP@EARTHLINK.NET</u>	<u>PO Box 243</u> <u>SIMPSON WV 26435</u>	PHONE <u>304-739-4397</u> TOLL FREE FAX <u>304-739-4401</u>
Company: <u>EASTERN Arrow</u> Rep: <u>Ann Wardwell</u> Email Address: <u>easternarrow@hotmail.com</u>	<u>PO Box 4108</u> <u>CHARLESTON, WV</u> <u>25364</u>	PHONE <u>304-414-0255</u> TOLL FREE FAX <u>0256</u>
Company: <u>GREEN MOUNTAIN COMPANY</u> Rep: <u>DAVID H. BOWMAN</u> Email Address: <u>DHB 722@yahoo.com</u>	<u>511 50th ST</u> <u>Charleston WV</u> <u>25304</u>	PHONE <u>304-925-0253</u> TOLL FREE FAX <u>304-925-9230</u>
Company: <u>EAGLE EXCAVATION INC</u> Rep: <u>GEORGE FRESHOUR</u> Email Address: _____	<u>P.O. BOX 218</u> <u>KENNA WV</u> <u>25248</u>	PHONE <u>(304) 372-4378</u> TOLL FREE FAX <u>(304) 372-4378</u>
Company: <u>M^cCourt & Son Const.</u> Rep: <u>GARY Long</u> Email Address: <u>glong@wirefire.com</u>	<u>2790 Centralia Rd</u> <u>Sutton WV 26601</u>	PHONE <u>304 765-5288</u> TOLL FREE FAX <u>304 765-5293</u>

REQUEST FOR QUOTATION NO. DEP16244
 West Columbia "B"

SIGN IN SHEET

PLEASE PRINT

Page 2 of 3
 Date: June 11, 2013

* PLEASE BE SURE TO PRINT LEGIBLY - IF POSSIBLE, LEAVE A BUSINESS CARD

FIRM & REPRESENTATIVE NAME	MAILING ADDRESS	TELEPHONE & FAX NUMBERS
Company: <u>BARNES EXL INC.</u> Rep: <u>Robert L. Barnes</u> Email Address: <u>BARNES EXL @ AOL.COM</u>	<u>P.O. BOX 13384</u> <u>SISSONVILLE</u> <u>WV 25360</u>	PHONE <u>304-984-1725</u> TOLL FREE FAX <u>304-984-0074</u>
Company: <u>Thaxton Const Co Inc</u> Rep: <u>Dale Thaxton</u> Email Address: <u>126 Box 13279 Charleston WV</u>	<u>PO Box 13279 Charleston</u> <u>WV</u> <u>Thaxton Const at G mail.com</u>	PHONE <u>304 984 2299</u> TOLL FREE FAX <u>304 984 2334</u>
Company: <u>Breakaway Inc.</u> Rep: <u>Brian Board</u> Email Address: _____	<u>4911 Old Turnpike Rd</u> <u>Sutton WV 26001</u>	PHONE <u>304-765-5317</u> TOLL FREE FAX <u>304-765-5389</u>
Company: <u>Upton Construction Co. LLC</u> Rep: <u>Joe Tucker</u> Email Address: <u>UCCIF119@HOTMAIL.COM</u>	<u>P.O. BOX 39</u> <u>DUNBAR WV 25064</u>	PHONE <u>304-744-4627</u> TOLL FREE FAX <u>304-744-4626</u>
Company: <u>Mountaineer Infrastructure</u> Rep: <u>Matt Evans</u> Email Address: <u>mevans4@mailcity.com</u>	<u>2376 Laneville Rd</u> <u>Dry Fork WV</u>	PHONE <u>304 290-7000</u> TOLL FREE FAX <u>304 866-4329</u>

REQUEST FOR QUOTATION NO. DEP16244
West Columbia "B"

SIGN IN SHEET

PLEASE PRINT

Page 3 of 3

Date: June 11, 2013

* PLEASE BE SURE TO PRINT LEGIBLY - IF POSSIBLE, LEAVE A BUSINESS CARD

FIRM & REPRESENTATIVE NAME	MAILING ADDRESS	TELEPHONE & FAX NUMBERS
Company: <u>Carpenter Reclamation Inc.</u>	<u>P.O. Box 13015</u>	PHONE <u>304-984-1115</u>
Rep: <u>Randy Carpenter</u>	<u>Sissonville WV, 25360</u>	TOLL FREE
Email Address: <u>rcarpent103@aol.com</u>		FAX <u>304-984-2770</u>
Company: _____	_____	PHONE TOLL FREE
Rep: _____	_____	FAX
Email Address: _____	_____	
Company: _____	_____	PHONE TOLL FREE
Rep: _____	_____	FAX
Email Address: _____	_____	
Company: _____	_____	PHONE TOLL FREE
Rep: _____	_____	FAX
Email Address: _____	_____	
Company: _____	_____	PHONE TOLL FREE
Rep: _____	_____	FAX
Email Address: _____	_____	

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: DEP16244

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|---|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Company

Authorized Signature

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.
Revised 6/8/2012