

Winthrop, Shelby

To: Lee, Weston
Subject: RE: Damco Phase II Design Proposal

From: Lee, Weston
Sent: Tuesday, February 13, 2018 10:53 AM
To: Winthrop, Shelby
Subject: FW: Damco Phase II Design Proposal

Shelby,
I need this PDF put into the SW database file under DAMCO permit# 0022-swtp, document id# 73160.

Thanks

Wes

From: Jeremy Brooks [<mailto:jab@ftn-assoc.com>]
Sent: Wednesday, February 07, 2018 12:33 PM
To: Lee, Weston
Cc: jab@ftn-assoc.com; 'Paul Crawford'
Subject: Damco Phase II Design Proposal

Wes,

Please find attached an electronic copy of FTN's proposal to complete Phase II Design of DAMCO. A hard copy was sent by mail today. As soon as you can verbally authorize this work we will get the surveyor going.

Please let Paul or me know if you have any questions.

Thanks

Jeremy A. Brooks, P.E.
Project Engineer
FTN Associates, Ltd.
3 Innwood Circle, Suite 220
Little Rock, AR 72211
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Email: jab@ftn-assoc.com

Rec'd Digitally	
AFIN: <u>03-00208</u>	S W M D
PMT#: <u>0022-SWTP</u>	
<div style="border: 1px solid black; padding: 2px; text-align: center;">RECEIVED <small>By Shelby Winthrop at 9:06 am, Feb 14, 2018</small></div>	
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TO: <u>AC>File <SW</u>	



water resources / environmental consultants

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February 7, 2018

Via email: lee@adeq.state.ar.us

Mr. Weston Lee
Office of Land Resources
Arkansas Department of Environmental Quality
5301 North Shore Drive
Little Rock, AR 72118-5317

RE: Scope of Work for Phase II Remedial Design
DAMCO, Inc., Mountain Home, Arkansas
State Contract #46000037745
FTN No. P03013-0020-031

Dear Mr. Lee:

This letter provides the scope of work and associated cost estimate for the Phase II Remedial Design (RD) services associated with the DAMCO, Inc. (DAMCO) site located near Mountain Home, Arkansas. It is our understanding that the purpose of the RD for this site is to develop construction documents to complete the final grading and drainage improvements for the earthen and waste tire dam structure located on the DAMCO site.

SCOPE OF WORK

Specific project tasks are as follows:

TASK 1 – REMEDIAL DESIGN

Subtask 1A – Survey:

FTN will utilize a surveying subcontractor to prepare a topographical survey of the dam face to establish final conditions of the completed Phase I construction. This topographic survey will serve as the basis for final design of the Phase II design and calculation of Phase II earthwork volumes.

Subtask 1B – Remedial Action Plan (RAP): For this task, FTN will perform the following:

1. Modify previously prepared construction drawings of the selected remediation for the site to incorporate changes from the planned Phase I construction to Phase I As-Built condition.
2. Modify and finalize technical specifications and Department of Building Authority (DBA) bidding documents for the construction project.
3. Submit 90% draft design including draft construction and bid documents to the Client for review.
4. Finalize RAP and construction and bidding documents and submit to the Client for their submittal to the DBA.
5. Provide general project management including coordination with the Client, and preparation progress reports and invoicing.

Subtask 1C – Bidding Assistance: For this task, FTN will perform the following:

1. Upon approval of the construction and bidding documents by the DBA, prepare final construction and bidding documents.
2. Provide accommodations for electronic distribution of copies of construction and bidding documents for potential bidders by electronic means.
3. Attend pre-bid meeting at the project site and provide summary of the project requirements to the potential bidders.
4. Receive and respond to bidder's questions.
5. Assist the Client with review of bids.
6. Assist the Client and the DBA with finalizing the contract with selected bidder.
7. Provide general project management including coordination with the Client, and preparation progress reports and invoicing.

The estimated budget for Task 1, Phase II Remedial Design, is \$41,300 for compensation (labor and 9.25% fee) and \$5,100 for expenses (subcontractor costs), for a total of \$46,400.

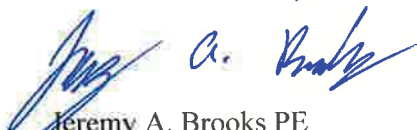
PROJECT SCHEDULE

The estimated project schedule is:

- Draft bid docs to ADEQ for review by April 2, 2018.
- Comments on draft bid docs from ADEQ review by April 23, 2018.
- Final bid docs to ADEQ / DFA-DBA for review by May 4, 2018.
- Advertise for bids per DFA-DBA schedule.
- Begin construction July 2018.

If you have any questions about the proposed scope of work and budget, please do not hesitate to contact me or Paul Crawford, PE, PG, at (501) 225-7779.

Respectfully submitted,
FTN ASSOCIATES, LTD.


Jeremy A. Brooks PE
Project Engineer

JAB/dlc

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