

ADDENDUM NO. 1

March 5, 2018

TO: PLANS AND SPECIFICATIONS FOR

**SOUTH LIBERTY ROAD
LOW WATER CROSSING REPLACEMENT
PROJECT NO. 2017-801-1**

Bidders are hereby informed that the construction plans and/or specifications are modified as follows:

PRE-BID MEETING MINUTES

The minutes from the Pre-Bid Meeting held at 10:00 AM on March 2, 2018 at the office of the Cole County Fire Protection District, "Training & Administration Building", as attached, shall be included in the contract documents for this project.

CLARIFICATION OF BID ITEM

203-50.00 Earthwork

Undergrading in rock cut areas shall be required for Bid Item 203-50.00 "Earthwork", per Lump Sum. The bid documents do not specifically mention undergrading. However, the technical specifications for this project are the 2016 Missouri Standard Specifications for Highway Construction and they state that undergrading in rock cut shall be required at a depth determined on a project by project basis. For this project, one foot of undergrading shall be required under the roadway in all rock cut areas. This will only apply the roadway and not the ditches.

BY THE ORDER OF:

Eric Landwehr, P.E., County Engineer
Cole County Department of Public Works
March 5, 2018

**South Liberty Road
Low Water Crossing Replacement
Project No. 2017-801-1**

**Pre-Bid Meeting Notes
March 2, 2018**

The meeting was held at the Cole County Fire Protection District "Training and Administration Building" beginning at 9:00am. Those attending the meeting are listed below:

<u>Name</u>	<u>Representing</u>	<u>Phone</u>
Eric Landwehr	Cole County	573-636-3614
Spencer Coonce	Cole County	573-636-3614
Brad Wyss	Cole County	573-636-3614
Kevin Light	Cole County	573-636-3614
Michelle Mahoney	CFS, Engineers	573-635-2338
Ted Koester	CFS, Engineers	573-635-2338
Calvin Broughton	BHE, LLC	573-619-5234
Tyson Bowyer	TEB Civil Constructors	573-690-4860
Tony Haile	Gene Haile Exc., Inc	573-796-3513
Don Rhea	Don Schnieders Exc.	573-893-2251
Luke Hake	Stockman Construction	573-635-1316
Jake Kremer	Mera Excavating	573-821-6885
Wayne Brenneke	Brenneke Construction	573-619-4275
Randy Combs	RC Contracting, LLC	573-375-0085
Chris Brewer	RC Contracting, LLC	

GENERAL BIDDING INFORMATION

1. Sealed proposals on the forms prepared by the Cole County Department of Public Works will be received by the County Commission, Cole County, Missouri, at the Courthouse Annex, Jefferson City, Missouri, until **9:00 a.m., on March 9, 2018**, for the **South Liberty Road Low Water Crossing Replacement**. The proposals will be publicly opened and read aloud thereafter. Bids received after the specified time for opening will be returned unopened.
2. Plans and specifications may be viewed online in the bids section at www.colecounty.org. All contractors wishing to bid on this project shall obtain an official copy of the plans and specifications at the office of the Cole County Department of Public Works, 5055 Monticello Road, Jefferson City, Missouri 65109-9182, (573) 636-3614.
3. **All prospective bidders will be required to purchase a set of plans and specifications in order to be able to bid this project. If a bid is submitted without purchasing a set of plans and specifications, the bid will be rejected.** This requirement is necessary to ensure that all of the bidders have received the applicable addenda before submitting a bid for this project.
4. A bid guaranty will be required in the amount of 5% of the bid. Can be paper bid bond or cashier's check.
5. Questions regarding the plans and specifications will be taken up to **24 hours prior to the date and time of the bid opening**. This will allow the County to get the information out to all of the bidders. General questions regarding the bidding process will be answered up to

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the time of the opening.

6. Prevailing wage rates are required on this project. State rates apply.
7. Bids shall be submitted on the proposal forms in the bidding documents. All blank spaces shall be filled in on the forms by typewriter or by handwriting in ink. The bidder shall make no other stipulations in the bid form or qualify his bid in any manner. The bids shall be submitted in an opaque sealed envelope marked "**South Liberty Road Low Water Crossing Replacement**" and shall be clearly marked with project title, bid date, bid time and bidder's name and address.
8. If awarded the contract, the Contractor agrees to complete the work by no later than **December 15, 2018** as defined in the specifications.
9. **Liquidated damages** shall be **\$700.00** per calendar day for every day that the Contractor fails to complete the work as provided in the contract documents.
10. Simultaneously with the delivery of the executed contract, the Contractor shall furnish a surety bond in the amount of 100% of the total contract sum, as security for both faithful performance of the contract and for the payment of all persons performing labor on the project under this contract as specified in the contract documents.
11. Do NOT include federal excise tax or sales and use taxes in the bid prices. This project will be a SALES TAX EXEMPT project. A copy of the federal tax exemption certificate will be furnished if required.

GENERAL PROJECT INFORMATION

1. This is a straight forward project that involves excavating and grading for new roadway alignment and the construction of a three cell box culvert.
2. The contractor is highly advised to visit the project location to observe existing site conditions.
3. The County will be providing construction observation through county inspectors or the consultant inspection.
4. The County will provide construction staking unless we are too busy and in that case will use the consultant.
5. Utilities – There is a telephone cable on the west side. Centurylink will be contacted prior to construction to determine impacts.
6. ALL CHANGE ORDERS – If there is any item that the contractor thinks additional pay is warranted, a change order request will have to be submitted and approved prior to commencing any of the additional work. Any extra work done without approval is not guaranteed to be paid.
7. There are three impacted properties on this project. All three have signed the ROW and easements.
8. The road will be closed during construction. Road closure signing is required but no detour signing will be needed.
9. There is a USACE 404 permit for this project. The contractor shall follow all provisions.
10. There is a DNR Land Disturbance for this project. The county inspector will assist with the BMP inspections after rainfalls. This is not specifically called out in the JSP.
11. Geotechnical borings were done at the box culvert location to find the soil types and depth of rock needed for the design.
12. Additional borings were done south of the box culvert location to only find depth of rock. There will be rock excavation on this project. The contractor shall make their own determination on the depth of rock and how it will impact their excavation methods.

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13. Cross sections are included in the plans. In areas where rock is believed to be present, the cross sections show a rock cut. The actual elevations of the top of rock at each cross section may vary.
14. Earthwork is to bid as a lump sum and no measurements will be taken. Estimated quantities of unclassified excavation and compacting embankment are included for information only.
15. A temporary erosion control plan is part of the plans and bid items are included with specific quantities for each item.
16. The finished roadway will consist of 4" type 1 aggregate base on 4" of 2" base rock.
17. The box culvert is similar to a standard MoDOT box culvert and detailed plans are included.

STANDARD PLANS AND SPECIFICATIONS

Technical specifications will be the latest effective **2016** version of the Missouri Standard Specifications for Highway Construction. The standard drawings for the project are the latest effective version of the Missouri Standard Plans for Highway Construction.

JOB SPECIAL PROVISIONS

The job special provisions were reviewed. Special attention was given to the following:

1. B. Work Zone Traffic Management. A two week notice shall be given for the road closures.
2. G. Earthwork. This item is to be paid as a lump sum. No measurements will be taken. Estimated quantities are provided for information only and are not to be considered exact. Rock will be present according to the borings and the cross sections reflect assumed elevations.
3. H. Aggregate Base Course. Two courses of aggregate base will be constructed. The top 4" is Type 1 aggregate and the bottom 4" is a 2" rock base. A gradation for this 2" base is included. The gradation specs were based off the 2" base gradation provided by Capital Quarries Stadium Blvd. Quarry.
4. F. Time for Completion of Work. The project shall be completed by December 15, 2018. Additionally, South Liberty Road may not be closed for more than 100 calendar days. \$700 per day will be assessed if the contractor fails on either of these two items.
5. K. Permits. The county has a land disturbance permit through DNR. A county Storm Water Pollution Prevention Plan will be used and reports shall be done by the county inspector and contractor foreman. There is also a USACE 404 Permit acquired for the project.

PLAN REVIEW

Michelle Mahoney, CFS Engineers, discussed the following items on the plan sheets:

1. In the realignment area, the old roadway will be filled in and seeded. The cross sections show the fill required to eliminate the roadbed and the estimated quantities for cuts and fills reflect this.
2. The plans show where the geotechnical and rock borings were taken and there is a detail sheet that shows the specific information.

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3. The culvert design is close to a standard MoDOT design. MoDOT has a standard for a 15'x8' and this one is a 15'x6'. Sheet 7 is a special detail sheet that shows the bar dimensions.
4. The erosion control plan shows the rock ditch check and a small amount of silt fence where the old roadway is eliminated.
5. Rock benching is shown on the cross sections based on the best information that we have.

QUESTIONS AND ANSWERS

Received at pre-bid meeting, by telephone, e-mail etc. prior to issuing Addendum No. 1

- Q1. Will 2' of undergrading be required in rock cut areas?
A1. Undergrading is required in rock cuts per MoDOT specifications. It does not state a certain depth and leaves that up to the discretion of the design engineer. For this project, 1' of undergrading will be required.
- Q2. The plans call for Class 4 excavation and Class 4 excavation in rock using unit bid prices in CY for the box culvert but all the roadway grading is per Lump Sum. Can you clarify this?
A2. All grading and excavation necessary to construct the box culvert will be paid per the unit bid prices in CY for these Class 4 items. The actual quantity will be measured and paid. The Class 4 excavation in rock is to pay for the removal of the concrete low water crossing slab because there was not a pay item for removal of the existing structure. The geotechnical borings did not show that rock will be encountered to build the box culvert so that will be just the Class 4 excavation. For the roadway grading, it is all paid for by lump sum and not measured.
- Q3. If we have to undergrade in rock cut under the roadway, will we have to do it under the ditches too?
A3. NO.
- Q4. Will blasting be allowed for the rock excavation?
A4. YES.
- Q5. Is there any limitation on work hours or days of the week?
A5. NO.

ESL:el