



TRANSPORTATION CABINET

Frankfort, Kentucky 40622
www.transportation.ky.gov/

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

September 7, 2012

CALL NO. 405
CONTRACT ID NO. 122956
ADDENDUM # 1

Subject: Webster County, 117GR12M102-FE02
Letting September 14, 2012

- (1) Revised - Front Page
- (2) Revised - Completion Date - Page 4 of 42
- (3) Revised - Special Notes (Index) - Page 11 of 42
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- (5) Added - Special Note - Page 20(a) of 42
- (6) Revised - Drawing - Page 24 of 42

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in blue ink that reads "Ryan Griffith".

Ryan Griffith
Director
Division of Construction Procurement

RG:ks
Enclosures





CALL NO. 405

CONTRACT ID. 122956

WEBSTER COUNTY

FED/STATE PROJECT NUMBER 117GR12M102-FE02

DESCRIPTION BRIDGE CLEANING IN WEBSTER COUNTY

WORK TYPE BRIDGE CLEANING

PRIMARY COMPLETION DATE 7/31/2013

LETTING DATE: September 14, 2012

Sealed Bids will be received electronically through the Bid Express bidding service until 10:00 AM EASTERN DAYLIGHT TIME September 14, 2012. Bids will be publicly announced at 10:00 AM EASTERN DAYLIGHT TIME.

REQUIRED BID PROPOSAL GUARANTY: Not less than 5% of the total bid.

CONTRACT ID - 122956

ADMINISTRATIVE DISTRICT - 02

PROJECT(S) IDENTIFICATION AND DESCRIPTION:

COUNTY - WEBSTER
117GR12M102-FE02

BRIDGE CLEANING IN WEBSTER COUNTY

COUNTY - WEBSTER
FE02 117 0041 B00019N

PES - MB11700411201

BRIDGE CLEANING IN WEBSTER COUNTY US 41 OVER DEER CREEK. BRIDGE CLEANING.
GEOGRAPHIC COORDINATES LATITUDE 37^34'21" LONGITUDE 87^31'09"

COUNTY - WEBSTER
FE02 117 0056 B00012N

PES - MB11700561201

BRIDGE CLEANING IN WEBSTER COUNTY KY 56 OVER GREEN RIVER. BRIDGE CLEANING.
GEOGRAPHIC COORDINATES LATITUDE 37^36'46" LONGITUDE 87^29'23"

COUNTY - WEBSTER
FE02 117 0143 B00043N

PES - MB11701431201

BRIDGE CLEANING IN WEBSTER COUNTY KY 143 OVER VAUGHN DITCH. BRIDGE CLEANING.
GEOGRAPHIC COORDINATES LATITUDE 37^27'48" LONGITUDE 87^53'54"

COUNTY - WEBSTER
FE02 117 0270 B00049N

PES - MB11702701202

BRIDGE CLEANING IN WEBSTER COUNTY KY 270 OVER DRAINAGE DITCH. BRIDGE CLEANING.
GEOGRAPHIC COORDINATES LATITUDE 37^27'48" LONGITUDE 87^46'51"

COUNTY - WEBSTER
FE02 117 0270 B00050N

PES - MB11702701203

BRIDGE CLEANING IN WEBSTER COUNTY KY 270 OVER CRAB ORCHARD CREEK. BRIDGE CLEANING.
GEOGRAPHIC COORDINATES LATITUDE 37^27'43" LONGITUDE 87^46'46"

COUNTY - WEBSTER
FE02 117 0270 B00051N

PES - MB11702701204

BRIDGE CLEANING IN WEBSTER COUNTY KY 270 OVER FREDERICKS DITCH. BRIDGE CLEANING.
GEOGRAPHIC COORDINATES LATITUDE 37^27'33" LONGITUDE 87^46'35"

COUNTY - WEBSTER
FE02 117 0370 B00020N

PES - MB11703701201

BRIDGE CLEANING IN WEBSTER COUNTY KY 370 OVER DEER CREEK. BRIDGE CLEANING.
GEOGRAPHIC COORDINATES LATITUDE 37^34'22" LONGITUDE 87^27'54"

COUNTY - WEBSTER
FE02 117 2839 B00121N

PES - MB11728391201

BRIDGE CLEANING IN WEBSTER COUNTY KY 2839 OVER BRANCH TO JACKSONS BRANCH. BRIDGE
CLEANING.
GEOGRAPHIC COORDINATES LATITUDE 37^33'54" LONGITUDE 87^39'08"

COMPLETION DATE(S):

COMPLETION DATE - July 31, 2013
APPLIES TO ENTIRE CONTRACT

SPECIAL NOTES FOR BRIDGE CLEANING AND PREVENTIVE MAINTENANCE

SPECIAL NOTE FOR BRIDGE CLEANING AND PREVENTIVE MAINTENANCE

SPECIAL NOTE FOR ENVIRONMENTAL AND WORKER SAFETY
REGULATIONS

SPECIAL NOTE FOR PRE-BID CONFERENCE

SPECIAL NOTE FOR UTILITIES AND SIGNS

SPECIAL NOTE FOR PROTECTING NESTING BIRDS AND BATS

SPECIAL NOTE FOR BRIDGE CLEANING AND PREVENTIVE
MAINTENANCE STUDY

GENERAL NOTE FOR MAINTAINING AND CONTROLLING TRAFFIC

STRATIFIED OR PACK RUST REMOVAL

All stratified or pack rust shall be removed by wire brushes, scrapers or impact devices (hand hammers or power chisels). All surfaces where stratified and or pack rust have be removed shall be clean to an SSPC SP-2 level. All debris collected shall be disposed of in a suitable off-site disposal facility. Surfaces shall include all bearing devices and primary steel members (stringers, floor beams, beams and girders) within 4 feet longitudinal of a joint.

BEARING GREASING

After all bearings are power washed all surfaces of the bearing including bearing plates and points of movement shall have lubricant applied. Allow bearings to dry before lubricant is applied. Lubricant must be applied within 48 hours of completing washing. The lubricate shall be 'Never Seez – Mariner's Choice' produce by Bostik Inc., Mobil Centaur Moly NLGI Grades 1 or 2' produced by Mobil Oil, 'Premalube #1 WG' produced by Certified Labs or an approved equivalent. See attached detailed drawings for locations of bearings for each structure.

CONCRETE SEALING

All abutment/end bent caps, pedestals and back walls and pier caps shall be sealed after debris removal and power washing. Use compressed air to remove any loose debris from the surfaces that are to be sealed after power washing. Apply sealer to abutment / end bent / pier caps to all horizontal surfaces including pedestals and vertical surfaces 3 feet below the top of cap or ground line whichever is greater. Allow the surfaces to be sealed 24 hours minimum to dry before any sealer is applied. The sealer must be applied within 72 hours of pressure washing. The sealer used shall be 'Belzona 5122 Clear Cladding' produced by Belzona International in accordance with the manufactures application instructions.

COATING RUSTED STEEL MEMBERS

After all stratified rust is removed from the member surface using a within 4 feet longitudinal of the joint. After removing debris, rust and washing apply a protective coating to the rusted areas of the structural steel with 4 feet of the joint. The coating should be applied to primary steel members (stringers, floor beams, beams and girders). The coating used shall be Rhomar Black-Max or approved equivalent.

C. STRUCTURE COMPONENT DEFINITIONS

STRUCTURAL STEEL

All structural steel indicated in the scope of work. Steel beams, Truss members, Etc. See attached detailed drawings.

DRAINAGE SYSTEM

The drainage system includes all gutter lines 3 feet onto the deck, inside face of cub or barrier wall grate, drain castings, couplings, funneling systems, drains, scuppers and downspouts.

JOINTS

All joints indicated in the attached detailed drawings for each structure. This includes all troughs below the joint if applicable.

BEARINGS

See attached detailed drawings for locations of bearings for each structure.

ABUTMENT, END BENT AND PIER CAPS

See attached detailed drawings for areas to be addressed for each structure.

D. WASH WATER

Use clean potable water for all pressure washing.

E. ACCESS AND INSPECTION

ACCESS

The Contractor shall provide OSHA compliant safe access for all cleaning operations and inspection.

INSPECTION

The Cabinet will provide inspection for all items required in this contract. Visual inspection will be required upon completion of each work item for each structure component or at the discretion of the Engineer at anytime. All visual inspection shall be preformed for an arm's length distance.

Debris Removal: Visual Inspection

Power Washing: Visual Inspection

Conduct wiping tests to ensure the cleanliness of steel surfaces.

After washing has been completed per specification, the inspector will conduct wiping tests to establish the cleanliness of coated/steel surfaces. Wiping tests will consist of wiping with black and white cloths (rags). After wiping, each cloth (white and black) will be stored in a waterproof containment and retained until completion of all cleaning for a structure as a reference cloth.

Stratified Rust or Pack Rust Removal: Visual Inspection and Scraper Test

Any surface cleaned to SSPC SP2 will be inspected by a dull scraper test to ascertain adherence of coating edges.

Bearing Greasing: Visual Inspection

Concrete Sealing: Visual Inspection

Coating Rusted Steel Members: Visual Inspection

F. DAMAGE

Any damage to structure that occurs during the cleaning operations shall be repaired by the Contractor to satisfaction of the Engineer no at additional expense to the cabinet.

G. MEASURMENT

'BRIDGE CLEANING AND PREVENTIVE MAINTENANCE'. The Cabinet shall measure this item as a lump sum.

H. PAYMENT

'BRIDGE CLEANING AND PREVENTIVE MAINTENANCE'. The contract price for this item will be paid as a lump sum. The payment for this bid item at the contract unit price of Lump Sum shall be considered full compensation for complete and accepted work for all work items described in this note which includes all labor, materials, equipment needed to complete all specified items in this contract for 'BRIDGE CLEANING AND PREVENTIVE MAINTENANCE

I. SITE VISIT

We encourage all contractors to visit each site prior to bidding in order to become familiar with the requirement of this work. The

**SPECIAL NOTE FOR BRIDGE CLEANING AND PREVENTIVE
MAINTENANCE STUDY**

This project will be part of the Kentucky Transportation Center's (KTC) Preventive Maintenance study. KTC Personnel shall be allowed access to observe and document the contractor's cleaning process for the length of this project.

The Contractor shall communicate start and completion dates for each structure to the designated KTC representative noted below. Provide a notice to the KTC representative at least 5 days prior to beginning the project and least 1day prior to beginning cleaning at each site.

Primary KTC Point of Contact:

Bob Meade 502-517-1257 bobbymeade@bellsouth.net

Addition Contacts:

Sudhir Palle 859-257-2670 sudhir@engr.uky.edu

Ted Hopwood 859-257-2501 thopwood@engr.uky.edu

