

**KENTUCKY TRANSPORTATION CABINET
CONTRACT ID – 072191
RUSSELL COUNTY
CPTL 104-8007
LAKE CUMBERLAND STATE PARK
BOAT LAUNCHING RAMP
JPC PAVEMENT WITH GRADE & DRAIN
MANDATORY PRE-BID CONFERENCE & FIELD REVIEW
MARCH 15, 2007**

CONTRACTORS REPRESENTED:

Pre-Bid Conference

Hinkle Contracting Corporation
Conley H Gregory Construction Inc
Garrison Construction Company
Intech Contracting Inc
Weddle Enterprises Inc
Scott & Murphy Inc

Field Review

Hinkle Contracting Corporation
Garrison Construction Company
Intech Contracting Inc
Scott & Murphy Inc

OTHERS ATTENDING:

Name

Charles Briggs
Wayne Simpson
Ezekiel Goodwin
Mark Fister
Roscoe Parmley
Rodney Little
Don Hookom
John Drake
Mike Crain
Libbie Furlong
Keith Parker
Walt Redmon

Representing

KYTC Division of Maintenance
KYTC Division of Maintenance
KYTC Division of Maintenance
KYTC District 8 Construction
KYTC District 8 Construction
KYTC District 8 Construction
Contech
Department of Parks
Department of Parks
Department of Parks
Department of fish & Wildlife
Department of fish & Wildlife

* Kay & Kay Contracting LLC was given incorrect information regarding meeting location. Therefore, upon acknowledgement from Kay & Kay Contracting LLC of receipt of these meeting minutes they will be allowed to bid on this project.

MINUTES

Start of the pre-bid conference was delayed approximately 30 minutes due to the Burnside Park access road being blocked by broken down houseboat delivery truck. The pre-bid conferences for this project and for General Burnside State Park Proposal ID 072179 were held concurrently, however separate field reviews were held. Representatives of Weddle Enterprises Inc and Scott & Murphy Inc did not attend the mandatory field review. The following items applicable to this project were discussed at the pre-bid conference and during the field review:

1. **Hierarchy** – The Department advised that statements and responses to questions received from Contractors at the pre-bid conference will be transcribed as minutes of the conference and made available to Contractors prior to the bid letting. The written minutes will take precedence over any verbal comments made at the pre-bid conference. In case of discrepancy between the minutes and the official proposal, the minutes will govern.
2. **Starting Date** – There is no specified starting date. Bids will be opened at the regular March 23rd Letting. The Department will expedite award and execution of a Contract and issue a Work Order as soon as possible. Regardless of when the Contractor begins work, the completion date is May 19.
3. **Maintain and Control Traffic** – The boat ramp is closed due to construction on the access road. The road contractor has a completion date of April 30. When the road construction is completed, the boat ramp Contractor shall keep the road and ramp closed until May 19. See Traffic Control Plan and Special Notes for Liquidated Damages.
4. **Site Preparation** – The Department advised that many items that are usually individual pay items are incidental to the lump sum bid item for Site Preparation (see Special notes for Boat Ramp Extension in the Proposal).
5. **Erosion Control** – The Department advised that many erosion control items that are usually individual pay items are incidental to the lump sum bid item for Erosion Control (see Special notes for Erosion Control Plan in the Proposal). The extent of erosion control required will be totally dependent on the location and scale of the Contractor's work and staging areas utilized.

- 6. Channel Lining** – The Department advised that the Channel Lining bid items are for aggregates of the indicated gradation; however, the rock shall be placed as rock base for the JPC Pavement and Articulating Concrete Mats and also for rock shoulders on the new boat ramp pavement. The shoulders on the existing concrete ramp pavement will be restored by others. Wire mattress baskets usually included with Channel Lining Class IA are not required.
- 7. Staking** – The Department of Fish and Wildlife will assist the Department of Highways with the State's staking responsibilities listed in Section 201.03.01. The Contractor's responsibilities will be unchanged as listed in Section 201.03.01 and 201.03.03. It was noted that some of the surveying will be under water. The Department emphasized that the Contractor Staking must be performed under the supervision of a Professional Engineer or licensed Land Surveyor as required by Section 201.03.01.
- 8. JPC Pavement** – the Department directed the Contractor's attention to the non-standard grooving to be constructed in the concrete pavement. Although the grooves in the existing pavement to remain in place are transverse, the grooves in the new pavement are to be angled as shown on the drawings in the proposal. The fabrication of the grooving tool is the Contractor's responsibility, and upon completion of the work the tool is to be delivered to the Department of Parks.
- 9. Steel Reinforcement** – The Department advised that the steel reinforcement tie bars for the poured concrete slab would be required as per the standard drawings for longitudinal and transverse joints and would not be a pay item but would be incidental to Contract unit price for JPC Pavement. The steel reinforcement bid item is for additional reinforcement in the transition section at the joint between the JPC Pavement and the Articulating Concrete Mats as shown on the proposal drawings.
- 10. Removing Concrete Pavement and Concrete Planks** – Remove the existing concrete ramp pavement and existing concrete planks as needed to construct the new JPC Pavement and the upper portion of the articulating mats. Remove or break and seat the remaining portions of the pavement and planks, Contractor's option. Contrary to the Special Note for Boat Ramp Extension, do not use removed pavement or planks in the fill for the rock subgrade, but dispose of all removed pavement and planks outside the Park and off highway

rights-of-way at sites obtained by the Contractor at no additional costs to the Department

- 11. Articulating Concrete Mats** – Contech Armorflex Class 55S mats are pre-approved. The contractor may propose alternates for consideration by the Department; however no additional time will be allowed for the Department's process to determine if any proposed mats will be accepted as an approved equal. Provide for the manufacturer's technical representative to attend the preconstruction conference after the Contract is awarded and be present on site at all times when the mats are being placed. The manufacturer's representative stated that the same price would be quoted to all prospective bidders, mats can be delivered within two weeks after Contractor places order, and delivery of the mats will be staged in any order requested by the Contractor so that the mats could be lifted off the delivery trucks for placement directly into position in the finished work.
- 12. Placing Articulating Concrete Mats** – The Department will allow a 2 inch tolerance on the prepared subgrade. In addition to the recommended method of placement in Contech's literature, the manufacturer's representative demonstrated an alternate method of placement. The mats may be placed either before or after construction of the JPC pavement; however consensus was that mat placement should occur first. The manufacturer will rent to the Contractor a lifting beam for mat placement. The combined weight of lifting beam and the largest mat is ~25,000 pounds. A diver is required for proper placement. The Department will not require any qualifications other than those needed to meet Occupational Safety & Health Administration standards and the ability to carry out the manufacturer's recommendations for aligning and placing the mats.
- 13. Durability of Articulating Concrete Mats** – The manufacturer's representative stated that high density concrete and polyester cables are used in the mats and deterioration under water is not a problem.
- 14. Geotextile Fabric** – The geotextile fabric's physical requirements are listed in the proposal. They are not the same as any of the usual types listed in the Department's Standard Specifications. The fabric is available from Contech. The Articulating Concrete Mat's manufacturer's representative recommends that the Contractor drape the geotextile fabric under the mat and attach to the sides of

the mat immediately after the mats are lifted off the delivery trucks for final placement.

- 15. High Water** – The Department of Fish and Wildlife advised that in the event the Corps of Engineers cannot maintain the water level at the anticipated elevation, the relative sizes of the JPC Pavement and the Articulating Concrete Mats can be adjusted to allow the work to proceed without delay. The department of Highways will make payment for the actual accepted quantities of each at the Contract unit prices.
- 16. Restoration** – The Contractor Shall be responsible for any damage to existing features including the existing concrete pavement at no additional cost to the Department (see Special Notes for boat Ramp Extension in the Proposal). Superficial white marks/scratches in the new or existing concrete caused by tracked equipment will be allowed; however, cracks, broken edges, gouges and punch outs must be repaired.
- 17. Coordination** – The Department of Parks will make every effort to avoid conflicts with other construction occurring in the Park. However, make all formal notifications and requests through Engineer.
- 18. Special provision for waste and Borrow** – The US Army Corps of Engineers permits referred to in this note are for the waste and borrow sites outside the Park and off highway rights-of way obtained by the Contractor. US Army Corps of Engineers permits for the boat ramp extension work within the Park will be obtained by the Department of Parks.
- 19. Additional Questions** – If there are any questions not covered at the Pre-Bid Conference and Field Review, they should be addressed to the Department's Division of Construction Procurement in the usual manner.

The pre-bid conference and field review adjourned at ~2:15 p.m..

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JPC PAVEMENT WITH GRADE & DRAIN
MANDATORY PRE-BID CONFERENCE

MARCH 15, 2007

CONTRACTORS SIGN IN ROSTER

<u>NAME</u>	<u>REPRESENTING</u>
DAVID Webb	Hinkle 859-509-5684
LORAW Raschler	Hinkle 859-263-7558
Conley H. GREGORY	Conley Gregory Const 606-348-9250
JAMES GARRISON	GARRISON CONST 270 384 3774
Dwight Meyer	Garrison Const 270-384-3774
JEFF Houghton	INTACT CONTRACTING 859-272-0352
Shane Weddle	Weddle Enterprises 606-678-4057
Johnny BURCH	SCOTT & MURPHY INC 270-781-9944

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MANDATORY FIELD REVIEW

MARCH 15, 2007

CONTRACTORS SIGN IN ROSTER

<u>NAME</u>	<u>REPRESENTING</u>
DWIGHT MEYER	GARRISON CONST CO.
JAMES GARRISON	GARRISON CONST CO.
JOHNNY BURCH	SCOTT & MURPHY INC.
JEFF HAZEMAN	INTECH CONTRACTING, LLC
LORAN RASCHELLA	WINKLE

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MANDATORY PRE-BID CONFERENCE

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OTHERS ATTENDING SIGN IN ROSTER

<u>NAME</u>	<u>REPRESENTING</u>
Mark A. Foster	KYTC-DB/Construction 317
Roscoe Paraley	KYTC-DB/const 317
CHARLES BILGUS	KYTC-DIV MAINT
Rodney Little	KYTC-DB Construction
Don Hogrom	CONTRACT
Mark Reuter	KYTC-DB Const.
John Drake	Parks
Mike Crain	Parks
Libbie Furlong	Parks - Par
Wayne Simpson	KYTC
Eyler Boone	KYTC
James	
Walt O. [Signature]	KFWR
Kendrick	KFWR