



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

January 12, 2006

SUBJECT: FAI Route 80/94
Project ACNHI-080-5(065)160
Section (0203.1 & 0304) R-6
Cook County
Contract No. 62105
Item No. 1P, January 20, 2006 Letting
Addendum B

NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

1. Revised pages 61- 65 of the Special Provisions.

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal.

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

Michael L. Hine
Engineer of Design
and Environment

A handwritten signature in black ink, appearing to read "Ted B. Walschleger P.E." with a stylized flourish.

By: Ted B. Walschleger, P. E.
Engineer of Project Management

cc: Diane O'Keefe, Region 1, District 1; N. R. Stoner; Roger Driskell; R. E. Anderson; Estimates; Design & Environment File

TK/sar

If the Contractor fails to correct the deficiency within the specified time frame, a daily monetary deduction will be imposed for each calendar day or fraction thereof the deficiency exists. The calendar day(s) will begin with Contractor's notification and end with the Engineer's acceptance of the correction. The daily monetary deduction will be either \$1,000.00 or 0.05 percent of the awarded contract value, whichever is greater.

In addition, if the Contractor or sub-contractor fails to respond within the allotted time frame, the Engineer may take action to correct the deficiency, or may cause the correction of the deficiency to be made by others, the cost thereof being deducted from monies due or which may become due the Contractor or sub-contractor. This corrective action will in no way relieve the Contractor or sub-contractor of his/her contractual requirements or responsibilities, and shall not be grounds for any claim.

If a Contractor or sub-contractor accumulates three (3) Deficiency Deductions for the same deficiency, in a contract period, the contractor will be shut down until the deficiency is corrected. Such a shut down will not be grounds for any extension of the completion date, waiver of penalties, or be grounds for any claim.

Tubular Traffic Sign Post

Description. This work shall consist furnishing and installing Tubular Traffic Sign Posts into the top of the concrete barrier at the locations shown in the plans.

Materials. The traffic posts shall be galvanized inside and out, and electrostatically powder coated with a high visibility yellow coating. The post shall be welded steel tubing conforming to A.S.T.M. A-513 specifications made from hot dipped galvanized steel sheets conforming to A.S.T.M. specifications A-525 or the tube may be hot dipped galvanized to obtain a zinc weight of 1.25 oz/sq. ft. of sheet which is a G-90 commercial weight. The high visibility coating shall be applied over the galvanized post to a minimum dry mil thickness of 3.0 mils. The tubing shall be properly cleaned and pretreated to achieve the required coating properties for Pozitube traffic posts.

Installation. The contractor shall core a hole or embed a sleeve in the top of the concrete barrier that is of sufficient diameter to accommodate the traffic post and wedge. The post should be installed in the hole and the wedge should be driven next to the post to keep the post vertical. The diameter and depth of the hole and the size of the wedge with a pulling hole shall be according to the manufacturer's recommendations for the POZ-LOC Sign Post Socket System and according to plan details.

Holes, which are cored in the top of structural steel walls, shall be done in a manner to avoid damaging the reinforcing steel in the wall.

Basis of Payment. This work will be paid for at the contract unit price per each for **TUBULAR TRAFFIC SIGN POST**, which price shall be payment in full for all labor, equipment and materials necessary to complete the work as specified herein.

SERVICE PATROLS

Description: The Contractor shall provide vehicles and personnel to patrol the expressway, to relocate incidents and stalls from the traveled lanes up to and including loaded semi trucks, to clean up debris from the incidents and, in general, to increase safety, reduce delays, and provide assistance to motorists.

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Patrolling Requirements: Service patrols shall be provided to cover the entire I-80/94 Kingery Reconstruction Project in accordance with the following requirements:

- Dates: Start 12:01 AM no later than ten days after the execution of the contract by the Department.
End 11:59 PM on November 30, 2006 or as directed by the Engineer
- Times: 24 hours per day, 7 days per week
- Patrol Limits: Northern limit - I-94 (Bishop Ford) at 159th Street (US 6) interchange.
Eastern limit - I-80/94 (Borman Expressway) at US 41 (Calumet Ave.) interchange.
Western limit - I-80/294 at Halsted Street interchange. Southern limit – IL 394 at Glenwood-Dyer Road interchange. Including all ramps at the I-80/294/IL 394 interchange and the Torrence Ave. interchange.
- Number of Patrols: Two service patrol units

Patrol Vehicle Requirements: The service patrol vehicle shall be a “medium duty” tow vehicle with a minimum Gross Vehicle Weight Rating (GVWR) chassis of twenty nine thousand (29,000) pounds and not to exceed thirty one thousand (31,000) pounds, dual wheel chassis and ten ton recovery equipment rating. The overall length of the rear body from the front compartment to the rear tail plate shall not exceed 112 inches. Tow body shall have adequate storage for items listed in this special provision. All vehicles used on this project shall be less than two years old and have less than twenty-four thousand (24,000) miles on an individual Vehicle’s odometer, engine, transmission and chassis at the beginning of the project. The use of “flat bed” type recovery vehicles is prohibited.

The Contractor shall provide a submittal at the Preconstruction Meeting detailing the proposed service patrol vehicles intended for use on this project to the Engineer for review and approval.

Within one (1) week of the start of the project and before initiating any patrol activities, the Contractor along with the Engineer shall inspect each patrol vehicle and its associated equipment, accessories and parts to ensure that they meet all specifications and requirements contained herein. The Contractor shall perform basic similar inspections, at least once per month, throughout the duration of this project. The Contractor shall fully document all inspections and all actions taken a result of such inspections, and submit them to the Department. The format of such documentation shall be submitted by the Contractor and approved by the Department before initiating service patrols.

All Service Patrol Vehicles shall be marked with logos and letters on 2-foot by 2-foot magnetic signs (each side of the vehicle). No other Logos, letters, and numbers shall be visible while on patrol. The wording on the magnetic signs will be as specified by the Department. “Service Free” stickers (3-inch capital letters) shall also be posted on both sides of the vehicle. All identification markings shall be maintained in a clean and readable condition throughout this contract. All wording and logos shall be removed or covered when vehicles are not patrolling.

Each Service Patrol Vehicle shall be equipped with the following:

- A. Hydraulically operated, wheel lift-towing equipment, with a minimum lift rating of ten thousand (10,000) pounds retracted, eight thousand (8,000) pounds extended. All tow equipment shall include proper nylon webbed safety straps. The vehicle shall also be equipped with in-cab controls. The wheel lift shall accommodate tire sizes of both automobiles and medium duty trucks. Towing capacity of wheel lift shall be 32,000 pounds minimum.

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- B. Hydraulically operated tow boom with a minimum static rating of twenty thousand (20,000) pounds which shall be capable of towing up to an 80,000 pound loaded tractor trailer.
- C. Winch Cable – one hundred feet of ½” diameter, 6x19 with working limit of ten thousand pounds.
- D. Accessory truck tow bar shall be rated at eighty thousand pounds minimum
- E. Two 12 foot 3/8 inch alloy tow chains, with grab hooks on each end.
- F. A rubber face push bumper.
- G. Spot light capable of directing a three hundred foot beam centered in any direction.
- H. Power outlets (hot boxes), front and rear-mounted, with outlets compatible to twelve volt booster cables.
- I. Heavy duty, 145+amps charged battery.
- J. A trailer hitch capable of handling a 1.875inch and/or a 2 inch ball.
- K. Motorcycle transporting capability.
- L. Rear work lights.
- M. Safety chain D-ring or eyelet mounted on rear of vehicle.
- N. A truck mounted flashing Type B arrowboard with in cab controls capable of folding by means of electrical hydraulic controls. Manually operated, fold up/fold down types are not acceptable.
- O. Amber warning lights or strobes with front and rear directional flashing capability.

The vehicle shall also contain the following equipment, accessories and parts:

- A. Tool Kit
- B. 2 gallons of Diesel Fuel.
- C. 2 gallons of Unleaded gasoline in approved safety can.
- D. 2 3/8 inch safety chains, minimum of 5 feet in length, grab hooks on both ends.
- E. One First Aid kit.
- F. One Fire extinguisher, twenty pound minimum, chemical ABC
- G. One pry bar, minimum 36 inches long
- H. 5 gallons of water.
- I. 2 wood blocks, 4-inch x 4-inch x 12-inch.
- J. A 24-inch wide street broom.
- K. A square-end shovel.
- L. 36 highway flares of 15 minute burn.
- M. 16 twenty-eight inch high reflectorized cones.
- N. A two ton, minimum, Hydraulic floor jack.
- O. Lug wrenches for standard and metric
- P. One set of booster cables, 25 feet in length.
- Q. Multipurpose funnel with flexible spout.
- R. Dolly, “pop-up”-type”, for removing otherwise untowable vehicles.
- S. 5 gallon can filled with oil absorbent material.
- T. One 5 gallon trash can for debris collection.
- U. One lock out set.
- V. One container of “plug-in-dike”, to plug diesel fuel leaks.

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Requirements for Vehicle Operators: Service Patrol Vehicle Operators shall be licensed in accordance with the Illinois Vehicle Code for the vehicles to be used under this contract. Any change in drivers and vehicles as presented under this Contract must be approved in writing, in advance, by the Resident Engineer. Termination of the employee may occur for noncompliance. All operators must have a current Class A or B Commercial Driver's License with endorsements, if applicable, and be certified in CPR and basic first aid.

Operators shall be competent and trained in the tasks of tow truck operators and provide safe and proper discharge of their service responsibilities. The Contractor shall provide resumes of the proposed operators to the Department before assigning them to patrol vehicles. The contractor shall be responsible to run a check on the driving record and criminal background of potential operators. This must be submitted to the Department with the drivers resume. The Department reserves the right to not approve a driver based on any information obtained by the Department or information contained in the background checks.

The Service Patrol Vehicle Operator shall:

1. Follow all the policies and procedures set forth in the I-80/94 Kingery Service Patrol Manual which will be given to the Contractor at the start of the project.
2. Work closely with the Illinois State Police, the Indiana State Police, local fire departments, local police departments, and the Department's Emergency Traffic Patrol rendering assistance as needed.
3. Attend Incident Management Meetings for this project. There will be approximately twelve meetings.
4. Wear nametags with photo identification that are visible to the motorists.
5. Maintain "Service Patrol Logs" which will be completed daily and made available to the Department at all times. These Service Patrol Logs shall contain all items which will be listed in the I-80/94 Kingery Service Patrol Manual.
6. The Contractor shall provide 10,000 first-class postage paid I-80/94 Kingery Service Patrol Post Cards bearing the following return address I-80/94 Kingery Service Patrol, Illinois Department Of Transportation, Bureau of Traffic, 201 west Center Ct, Schaumburg, IL., 60196. The format of the post card shall be approved by the Engineer. The Contractor shall be responsible for ensuring an adequate number of post cards are available in each service patrol vehicle throughout the duration of this project. Operator shall distribute the post card to each motorist that they assist.
7. Not accept gratuities, gifts, or compensation in cash, kind or any form from the motorists under any circumstances. Not ask any motorist/passenger encountered for any personal information such as Name, Address or Phone number. VIOLATION OF THIS REQUIREMENT SHALL CONSTITUTE GROUNDS FOR IMMEDIATE DISMISSAL.
8. Not tow any vehicle to any location other than shoulders or drop locations.
9. Not recommend any specific secondary towing service, or repair shop. VIOLATION OF THIS REQUIREMENT SHALL CONSTITUTE GROUNDS FOR IMMEDIATE DISMISSAL.

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Communication Equipment Requirements: Each Service Patrol Vehicle shall be equipped with a licensed cellular, two-way radio/telephone. The Contractor shall provide the Department with 3 additional radio/telephones. These cellular radio/telephones shall have two-way capabilities for talking directly to IDOT representatives and the project supervisor. The Contractor shall maintain the radio/phones and all necessary licenses throughout the contract.

Each vehicle shall also be equipped with an external speaker and public address system with one hundred watts output. The PA system shall be used while assisting motorists or as directed by the Department. The Contractor is expected to use PA system in a professional manner.

Method of Measurement: Service Patrols shall be measured for payment in calendar days for each vehicle and operator. A calendar day is every day shown on the calendar and starts at 12:00 midnight and ends the following 12:00 midnight, twenty-four hours later.

Basis of Payment: This work will be paid for at the contract unit price per calendar day or fraction thereof for SERVICE PATROL. This price shall include an operator, the vehicle and all materials, supplies, and equipment necessary to reduce traffic delays by providing assistance to motorists and by relocating stalled and disabled vehicles in an expeditious manner.

Super-High Efficiency Full Cube Retroreflective Sheeting

Description: This work shall consist of providing and applying flexible colored Super-High Efficiency Full Cube Retroreflective Sheeting (DG cubed Series 4000, ASTM XI sheeting) or equivalent sheeting to all type 3 sign panels. The sheeting shall consist of full cube prismatic lens elements with a distinctive interlocking diamond seal pattern visible from the face of a smooth surface. The work shall be done in accordance with this special provision, the applicable portions of Section 720 and Section 1091 of the Standard Specifications and/or as directed by the Engineer.

Materials: The sheeting color shall conform to the latest appropriate standard color tolerance chart issued by the U.S. Department of Transportation, Federal Highway Administration and to the daytime color requirements of ASTM D 4956.

The retroreflective sheeting shall have the minimum brightness values shown in Table 1 (below) for the type and color of material specified. The reflective intensity shall be determined by the procedures described in ASTM E 810.

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