



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

1501 MAIL SERVICE CENTER, RALEIGH, N.C. 27699-1501

LYNDO TIPPETT  
SECRETARY

December 17, 2002

**NOTICE**

TO: All Perspective Bidders

FROM: Benton Payne, PE, Division Engineer  
Tawana Brooks, PE, Division Construction Engineer

SUBJECT: Wet Pavement Detection/Hydroplaning Alert System

**The purpose of this notification is to inform potential vendors of an opportunity to provide a wet pavement detection/hydroplaning alert system on I-85 south of Charlotte in Mecklenberg County.**

The vendor must provide all the equipment necessary for the detection and displaying of condition responsive messages on portable changeable message signs. When the sensors detect water on the pavement, portable changeable message signs shall automatically be activated to display a Department approved pre-programmed message. Once the water has dissipated on the pavement, the system shall detect this and shall automatically change the message back to a Department approved pre-programmed message or turn the portable changeable message sign off.

Each vendor shall contact Mr Danny Eudy, with Rea Construction at (704) 394-8354 with their equipment capabilities and pricing. The pricing shall be quoted as a monthly rental rate to Rea Construction. Rea will choose the vendor that meets the above requirements and supply a price to the Department. Rea Construction will notify the remaining vendors of their selection.

Rea Construction currently has portable changeable message signs on this project. If a vendor elects to incorporate their detection and communication technology with these portable message signs, they shall contact Rea for approval and coordination before submitting their pricing.

This system shall be provided for a period of no less than 6 months and should not exceed 12 months. Once the successful vendor has been notified by Rea Construction, it is anticipated this system be in place and fully functional within 30 days.

The Department reserves the right to discontinue any system that can not meet the above conditions or has multiple malfunctions which jeopardize the safety of this project.

If you have any questions or comments, feel free to contact Tawana Brooks at (704) 982-0101.

BP/TB/sk

cc:

Troy Peoples, PE  
Terry Hopkins, PE

Stuart Bourne, PE  
Danny Eudy

Tom Thrower  
Vickie Embry

**MAILING ADDRESS:**  
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**LOCATION:**  
CENTURY CENTER COMPLEX  
BUILDING B  
1020 BIRCH RIDGE DRIVE  
RALEIGH, NC