

# **Synopsis**

## **Emergency Express Design-Build On-Call Contracts Statewide**

### **September 5, 2018**

#### **General**

The Department has the need to have On-Call Emergency Express Design-Build Teams established statewide in the event of a transportation emergency. Individual contracts will be used to replace or rehabilitate bridges, culverts and pipes 48” or larger in diameter that are determined to need emergency repair.

It is anticipated that the Department will select 3-5 teams per region for a 2-year on-call contract with an option to extend 1 year. The regions will be:

Region 1 - Divisions 1-4  
Region 2 – Division 5-8  
Region 3 – Divisions 9-12  
Region 4 – Divisions 13 and 14

#### **Contract Process**

A Division identifies an emergency need for replacement or rehabilitation for bridges, culverts or pipes 48” or larger in diameter. The Division will request a letter from the NCDOT Chief Engineer waiving normal bidding requirements. Bids may be solicited from all or a portion of the selected teams or bids through direct selection based on availability/location and bids completed by negotiation.

#### **Planning**

The Department will provide the environmental document for each of these projects, if needed. The Design-Build Team will be responsible for providing impact quantities to complete these environmental documents.

#### **Roadway**

Roadway plans will be the responsibility of the Design-Build Team. The Department will provide pavement designs.

#### **Hydraulics**

The Design-Build Team shall be responsible for all hydraulic designs and shall provide signed and sealed Bridge or Culvert Survey Reports for all bridge and culvert replacements. The Design-Build Team shall be responsible for all storm drainage design, permit drawings and construction and shall obtain FEMA compliance for the regulated floodways.

## **Permitting**

The Design-Build Team shall be responsible for preparing design plan sheets and providing all data necessary for the Department to obtain the environmental permit for each project. These will often include a Nationwide Permit 3 or 14 and a Water Quality Certificate.

## **Structures**

The Design-Build Team will be responsible for the design and construction of all structures necessary to complete the projects. Standard bridge plans will be made available and may be used at certain sites; however, the design must be signed and sealed by the Design-Build Team.

Structure types may be specified or disallowed within each individual contract.

## **Geotechnical**

The Design-Build Team may be responsible for all geotechnical recommendations and borings, as well as any necessary supplemental borings, roadway and structural investigations depending on the type of contract

## **Traffic Management**

The Design-Build Team will be responsible for Traffic Control Plans as appropriate for the projects.

A list of parameters, such as lane closures, time restrictions and general guidelines will be provided in the Contract for each individual project.

## **Erosion and Sedimentation Control**

The Design-Build Team shall be responsible for all erosion control designs and implementation.

## **Signing and Pavement Markings**

Pavement marking plans will be the responsibility of the Design-Build Team. Permanent signing on these projects will be minimal and will be the responsibility of the Design-Build Team.

## **Right-of-Way and Utilities**

In general, the Design-Build Team will be responsible for acquisition of additional right of way or easements, as necessary, to construct the projects.

The Design-Build Team will be responsible for the coordination of all utility relocations necessary for construction. It is anticipated that the cost of utility relocations will be paid by the utility owners or the Department as determined at the scoping meeting.

## **Surveys**

Initial survey information may be provided by the Design Build Team as well as any required supplemental surveys depending on the contract type. The Design Build Team will provide construction surveys.

## **Construction Engineering Inspection**

CEI on all contracts will be performed by the Department or its agent.

## **Contract Completion Date**

As these are Emergency projects, contract time and associated liquidated damages and incentives may be included but will be addressed on a case by case basis in the contract.

## **Compensation**

A lump sum item will most likely be included to provide for all design work and other ancillary construction work including but not limited to minor approach work, approach slabs, supplemental investigations, drainage, erosion control, traffic control, etc. Some contracts may include multiple unit price items and there is potential that a portion of the work will be completed on a cost plus basis.