

AMENDMENT 0010 CONTINUATION SHEET

## **PART 3- PROJECT PROGRAM**

### **3X. SITE ANALYSIS**

#### **3.1X Existing Site Conditions**

##### **3.1.1X Natural Constraints**

###### **Topography**

Delete the first two (2) paragraphs in their entirety and replace with the following:

Prior to construction of the P-984 Parade Ground, the BEQ building site was mostly a flat grassy area that generally sloped southwest towards a roadside swale along Shupper Drive and included part of an asphalt parking lot that crossed the site and extended into the area of the Parade Ground. Upon completion of the P-984 Parade Ground and the P-985 BEQ, construction operations will have demolished the existing parking lot and leave the BEQ site partially graded to accommodate the required Parade Ground grading. The Parade Ground will be graded so that runoff flows towards the roadside ditch along Longfellow to the east and to a storm sewer collection system to the west. Parade ground runoff will also be captured by the extensive underdrain piping system that will be installed to aid in site and subsurface drainage.

The remote parking areas are partially wooded, with areas sloping to both the north and south. The cleared area includes an existing obstacle course.

#### **3.2X Site Development Requirements**

##### **3.2.2X Vehicular Access and Circulation**

###### **Utilities**

###### **Electrical**

Delete the paragraph in its entirety and replace with the following:

Site work required for the construction of the BEQ may impact the site lighting and associated underground electric lines installed as part of the P-984 parade ground project. If construction operations impact the system or its performance, the contractor shall replace any damaged items and restore the system to its pre-construction condition. The contractor shall also provide temporary lighting in any areas where they remove or disable existing lighting.

##### **3.2.3X Environmental Constraints**

Delete the paragraph in its entirety and replace with the following:

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The Contractor is responsible for preparing an Erosion and Sediment Control Plan in accordance with the Virginia Erosion and Sediment Control Handbook (VESCH), latest edition. The plan shall utilize measures described in the VESCH to minimize soil loss during construction from stormwater runoff and prevent sediment-laden runoff from reaching downstream storm sewers and receiving streams. The plan must also indicate that any damage caused by sedimentation build-up or blockages in existing drainage structures must be corrected immediately.

--End of Section 3X Site Analysis--

## **6. ENGINEERING SYSTEMS REQUIREMENTS**

### **G10X SITE PREPARATION**

#### **GENERAL SYSTEM REQUIREMENTS**

Delete the sixth (6th) paragraph in its entirety and replace with the following four (4) paragraphs:

The contractor must coordinate with the Contracting Officer/FEAD Construction Manager all proposed haul route(s), work site access point(s), employee parking location(s) and material laydown and storage area(s) and prepare a plan showing the same. The plan must be approved by the Contracting Officer/FEAD Construction Manager.

The contractor may utilize the area to the east of the building site, between the building site and Longfellow Road, for laydown and storage during construction. Any laydown areas must be shown on the previously mentioned plan and approved by the Contracting Officer/FEAD Construction Manager.

Any road closures required for construction must be shown on a plan and approved by the Contracting Officer/FEAD Construction Manager. The plan must show how vehicular and pedestrian access will be maintained at all times. The plan must also not restrict any emergency vehicle access.

The contractor shall not allow any heavy equipment/construction vehicles to be driven or parked on existing parking areas.

--End of Section G10X Site Preparation--

## **6. ENGINEERING SYSTEMS REQUIREMENTS**

### **G40 SITE ELECTRICAL UTILITIES**

#### **G4010 ELECTRICAL POWER DISTRIBUTION**

Delete first paragraph in its entirety and replace it with the following:

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Provide a primary power distribution system to P-991 BEQ. Provide new primary electrical distribution system fed from existing Padmount SF6 switch SW2, switchway 4, via MH3, and a new manhole at northwest corner of P-991, to a new manhole in front of electrical room, to pad mounted transformer rated 13.2KV – 480Y/277.

This primary electrical distribution system make provisions to supply electric power facility as indicated on the MCSFR Consolidation Overall Site Concept for project P-984 and P-985. See Existing Electrical Site Plan in Part 6 Attachments (General Site Information) of this RFP.

## **G403001 TELECOMMUNICATIONS SYSTEMS**

Delete the second (2<sup>nd</sup>) paragraph in its entirety and replace it with the following:

Provide 50 pair copper and 12 strand single mode fiber optic cables from fire station building 703 via CMH8, to a new communications manhole in front of communications room at south center of P-991, to building entrance facilities.