

## STATEMENT OF OBJECTIVES

**Task Title:** Work Authorization for Special Project Work under  
COMMITTS Task Order #56CMNW000009  
(Title: ORPG Program Completion)

**COMMITTS Tracking #:** SOM00004/S06

**Contracting Officer:** Tina Burnette, COMMITTS Staff  
Phone: 202-482-7426  
Fax 202-501-8122  
E-Mail: tburnette@doc.gov

**COTR Name:** Lorraine K. McCallister  
Phone: 405-366-6520 Ext. 4297  
Fax: (405) 366-6553  
E-mail: Lorraine.K.McCallister@noaa.gov

**Task Manager:** J. Rex Reed  
Chief Engineering Branch  
Radar Operations Center  
Norman, OK  
Phone: 405-366-6520 x4225  
Fax: 405-366-6555  
E-mail: John.R.Reed@noaa.gov

**Location:** Radar Operations Center, National Weather Service  
Norman, OK

**Performance Period:** Start: January 1, 2001; End: June 30, 2001

**Funding Citation for work:** WE0100 2MFLN62E

### STATEMENT OF OBJECTIVES

This requirement supports an upgrade to NEXRAD Radar Product Generators (RPGs) that has been an ongoing design, development and testing effort. Technical contract support was previously provided through another contract vehicle. The contractor will be required to complete development, testing, system support preparation and deployment management.

The effort requires the contractor to complete ORPG hardware documentation, system transition plan, hardware DT&E plans and procedures, execute the DT&E test plans and procedures, address anomalous results of testing, produce reports documenting the result of testing, and support ORPG production and deployment. The contractor shall also support generation of reports documenting project status related to development and production. Development activities are expected to continue up to and including ORPG Functional Configuration Audit (FCA) and ORPG Physical Configuration Audit (PCA). Production activities will proceed until approximately six months following the completion of deployment.

## **TASK PERFORMANCE EVALUATION CRITERIA (Performance Measures)**

General measures of contract performance are:

1. Quality Level of Effort
  - a. On-time delivery
  - b. Customer satisfaction rating
  - c. Innovative approaches to problem solving (e.g., cost avoidance)
2. Schedule Performance
  - a. Progress against milestone schedule and creative approaches to achieving schedule
  - b. Timely notification of schedule issues, accompanied by recommendation of corrective action.
3. Cost Performance
  - a. Timely notification of cost overruns/underruns

## **MILESTONES, ADMINISTRATION AND REPORTING**

-Test Plans, Procedures, and Reports - 30 Days prior to beginning of ORPG System test  
- Hardware Documentation - January 5, 2001  
-Project Status Reports - Weekly  
PPL- 2/1/2001  
IPB -2/1/2001  
Retrofit Management Plan - 2/1/2001  
System Transition Plan - 1/15/2001  
The contractor shall provide all invoices for work that is performed to the COTR for processing.

## **PLACE OF PERFORMANCE**

Work shall be performed at the ROC at 3200 Marshall Avenue in Norman, OK 73072 with frequent visits to the ROC test beds at 1200 Westheimer Avenue Norman, OK 73069. Telephonic coordination with the NRC and NLSC at 1520 East Bannister Road, Kansas City, MO 64131-3009 may be necessary. If the contractor determines that travel is needed, the contractor shall receive written Government authorization prior to initiating any travel under this SOW. The ROC will provide workspace and computer resources for contractor staff.

## **PERIOD OF PERFORMANCE**

The total contractor staff time for this work assignment shall not exceed 10500 hours, not including management hours. For significant milestones, see the section: MILESTONES, ADMINISTRATION AND REPORTING.

## **DELIVERY FORMAT**

Three paper copies of each draft of items 2 through 6 as listed above, along with an electronic copy on 3 2 inch floppy disks or via email, the final decision on electronic media being at the discretion of the Government. For the electronic version of the written deliverables: the text, graphics and forms portions shall be in Word Perfect 9.0 format; the schedule portion shall be in Microsoft Project 98 format; drawings and diagrams shall be in drawing exchange format (DXF).

Permission to deliver any other electronic format shall be requested in writing and deviation will be allowed only if written Government concurrence is provided in advance of delivery. Hardware drawings and software documentation shall be released in a manner consistent with ROC CM requirements.