

STATEMENT OF WORK
FOR
FIRE ALARM SYSTEM TESTING & MAINTENANCE

Project No. SAQMMA-07-C0060

*****OUAGA, BURKINA FASO*****

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U.S. DEPARTMENT OF STATE

U.S. Embassy
OUAGA.-B.F.

1.0 INTRODUCTION

1.1 The United States Department of State (DOS) requires services to provide testing and maintenance for the fire alarm system at the U.S. Embassy/Ouagadougou/B.F..

1.2 Work on the fire alarm system must be completed in accordance with the following:

OBO Specification 13851
NFPA Code 72, 2007 Edition

1.3 The Chancery, located at Ouaga-2000,Secteur15,Av.SEMBENE Ousmane, is protected by an existing fire detection alarm system. The main building fire detection/alarm system is a SIMENS system. The system includes the following building interfaces: (HVAC shutdown, elevator recall, smoke control, fire doors, etc).

Property ID	Office Type	LOCATION
15000	Chancery	OUAGA. NEC

2.0 OBJECTIVES

2.1 The purpose of this scope of work is to define the requirements for the scheduled testing of fire alarm system devices (smoke detectors, pull stations, flow switches, etc) within the chancery and its connected buildings. The intent of this Task Order is to fully maintain the proper working order of the fire alarm system over its expected lifespan. Work shall be done in accordance with the project SOW, specifications and be compliant with referenced codes.

2.2 Identify worn parts for replacement.

2.3 The system shall be kept in conformance with NFPA 72 and the original (or approved replacement) sequence of operations.

3.0 GENERAL REQUIREMENTS

3.1 The Contractor shall provide all repair services necessary to meet objectives shown in 2.0 above.

- 3.2 All parts and materials will be government furnished equipment (GFE). See lists for furnished materials (attachment C).
- 3.3 Government POC at post will provide the following tools at the work-site:
 - a) Replacement parts
 - b) Maintenance manuals and system documentation.
- 3.4 Contractor is expected to provide all specialty tools; laptop computer, hardware, various materials (test smoke, heat gun, etc).
- 3.5 The contractor shall be responsible for removal and replacement of all ceiling tiles affected by the work. Contractor shall dispose of any excess materials or other construction debris.
- 3.6 Qualified Installer. Contractor personnel conducting fire alarm system work and/or testing shall be qualified and experienced in accordance with Table 10.4.4, *Testing Frequencies* of NFPA 72, *National Fire Alarm Code*.
- 3.7 Acceptance of Work. The Contractor shall provide certification that work was approved and accepted by the POC at post. The Contractor shall fill out the work order completion form (attachment D) showing work was completed as required in section 3.0 and 4.0 of this SOW and provide the form to POC or OBO alternate. The contractor must submit validation that work was completed satisfactorily with request for payment.
- 3.8 The Contractor shall coordinate all work and testing of systems with the POC at post.
- 3.9 Contractor shall provide security information to Post representative for access and escort requirements. Information shall be provided at least 14 days prior to work.
 - a) Company name and names of workers
 - b) Dates of scheduled work.
 - c) Level of clearance.
 - d) Name of Company for third party contractors.
 - e) State whether laptop, digital cameras or other electronics is needed for the task.
- 3.10 Provide a written test report (in English) to the Post Facilities manager containing the following:
 - a) System information (make, model, all device types)
 - b) Pass/Fail for each feature and type of component tested. If a device fails, note device type, address and location within Post.
 - c) Any comments on system (or device) condition as pertains to service life and dependability.
 - d) Full printout of test from system printer.

4.0 SPECIFIC REQUIREMENTS

Unless noted otherwise, all devices are to be tested annually.

4.1 Smoke Detectors:

- a) All detectors shall be tested with a listed spray test smoke.
- b) All detectors shall be tested in all areas accessible to the contractor.
- c) Validation of all building interfaces shall be noted on test report (HVAC shut-down, elevator recall, etc).

5.1 Heat Detector:

- a) All *restorable* heat detectors shall be tested utilizing a heat gun (on low setting) or a hair dryer.
- b) Validation of all building interfaces shall be noted on test report (HVAC shut-down, elevator recall, etc).
- c) Non-restorable heat detectors SHALL NOT be tested using a heat source.

6.1 Pull Station:

- a) All pull stations shall be tested and re-set.
- b) Validation of all building interfaces shall be noted on test report (HVAC shut-down, elevator recall, etc).

7.1 Beam Detector (in building so equipped):

- a) The beam detector shall be tested using the manufacturer's obscuration screen or equivalent.
- b) Test detector for total blockage of beam (trouble).

8.1 Flow-switch (building equipped with sprinklers only): **TEST TWICE PER YEAR**

- a) The Contractor shall activate each flow switch utilizing the inspector's test valve.
- b) Time delay of alarm activation shall not exceed 90 seconds.

4.2. Tamper Switch (building equipped with sprinklers only):

- a) Each system valve tamper switch shall be tested by partially closing the valve to initiate a tamper signal, locking in the nearby monitor module.

5.2. Dry Valve (building equipped with sprinklers only): **TEST TWICE PER YEAR**

- a) Test pressure switch using the inspectors test located on valve.

4.0 System Checks:

- a) Verify receipt of fire signal to central station monitoring facility (in Post so equipped).
- b) Building Interfaces:HVAC shutdown, elevator recall, smoke evac, fire partition, door locks,...etc
- c) All strobes, horns and bells should operate properly, and be free from any visible tampering.
- d) Check system printer for paper and ink. Print-out of test to be included in test report.
- e) Visually check batteries for leakage or damage
- f) Disconnect battery for supervision signal
- g) Open dedicated electrical breaker for supervision signal.

5.0 ACOR AND POC AT POST

The Point of Contact (POC) will be the contractor's contact at the U.S. Embassy/Ouaga. The POC will assist and direct the contractor when scheduling work, obtaining approved local supplies, and liaison with Embassy personnel during the course of the Project. All questions concerning coordination of installation activities while at post shall be directed to the POC (see below):

POC at Post
JAMES SISSON
sissonJC@state.gov
Facility Manager (FM)
Tel: + 226-5049-5589

6.0 TASK ORDER PROPOSAL REQUEST

6.1 The contractor shall, within seven (7) calendar days of the receipt of a Task Order Proposal Request, submit to the CO, a proposal for the project. The cost shall be reimbursable for per diem and transportation based on actual costs submitted by the Contractor. Remaining costs shall be Firm Fixed Price. Site visit date will be established in the letter request for the site visit. Cost proposal shall include amounts for the following:

- a. The required number of labor hours by labor classification and labor rates.
- b. Travel, lodging and per diem rates in accordance with the Federal Travel Regulations/Joint Travel Regulation, and other similar costs.
- c. Airfare costs.
- d. Cost loading.
- e. Total proposed price.

6.2 Contractor shall provide a project schedule showing (at minimum) start/completion dates for the project.

7.0. SECURITY CLEARANCES

7.1 Work within the CAA (and other areas as designated by the RSO) must be performed by cleared American workers having Top Secret security clearances.

8.0 PAYMENTS

8.1 The Contractor shall receive payments per the basic contract.

8.2 The contractor must provide the completed form showing work was accepted by post, with the invoice.

9.0. ATTACHMENTS

9.1 If required, the following attachments can be provided for the Contractor:

- A. Recorded data and photos
- B. OBO Specification 13851A and O&M.
- C. Work Order Completion Form

END OF STATEMENT OF WORK