

## Part 2 Attachment A Project-Specific General Requirements

The following requirements are project specific and may either supplement and/or modify those requirements contained in the body of Part 2, General Requirements, for Small Projects. Paragraph numbers in Part 2 correspond to paragraph numbers used in Part 2, Attachment A.

### Paragraph 3 POST AWARD KICKOFF MEETING (PAK)

Refer to Part 2 for contract requirements.

### Paragraph 4 DESIGN

Submit design drawings or sketches, calculations and manufacturer's data to demonstrate compliance with contract requirements.

Provide the following Design Submittal packages. Provide comprehensive, multi-discipline design packages that include design documentation for project elements, fully developed to the design stage indicated, and in accordance with UFC 1-300-09N, except where specified otherwise.

1. Design Development (35%) - Government Progress QA. 14 calendar day Government review time.
2. Pre-Final Design (100%) - Government QA. 14 calendar day Government review time.
3. Final Design - Government QA. 14 calendar day Government review time.

Provide hard and electronic copies of design submittal package 2 weeks prior to the review meeting to the following addresses:

FEC EURAFSWA  
ATTN: Daron Lau  
Viale Porto 51,  
Aeroporto Capodichino, 80144  
Napoli

NSF Deveselu FEAD  
ATTN: LCDR Sandranell Moerbe  
PSC 825 Box 1  
FPO AE 09712-0001

Deliverables and recipients are as indicated in the below table:

Deliverable	FEC EURAFSWA	NSF Deveselu FEAD
<i>Design Development (35%)</i>		
Half-size Drawings or Sketches	1	1
Specifications and Manufacturer's Cut Sheets	1	1
Design/Construction Schedule	1	1
Calculations	1	1

	Electronic Media (CD or DVD)	1	1
<i>Pre-Final Design Development (100%)</i>			
	Half-size Drawings or Sketches	1	1
	Specifications and Manufacturer's Cut Sheets	1	1
	Design/Construction Schedule	1	1
	Calculations	1	1
	Electronic Media (CD or DVD)	1	1
<i>Final Design</i>			
	Half-size Drawings or Sketches	1	1
	Specifications and Manufacturer's Cut Sheets	1	1
	Design/Construction Schedule	1	1
	Calculations	1	1
	Electronic Media (CD or DVD)	1	1

<sup>1</sup> **Hardcopies:** Use 11"x17" size sheets for drawings and 8.5"x11" size sheets for all other information (text, figures, charts, tables, calculations, etc.).

<sup>2</sup> **Electronic Copies:** In addition to providing all reports in Adobe Acrobat (\*.pdf) electronic format, provide all final reports and supporting documents in their native electronic file formats - Microsoft Office (\*.doc, \*.xls, etc.), Autodesk AutoCAD (\*.dwg), cost estimate, design calculations, etc. Provide electronic submittals on CD. As a minimum, all PDF files shall be bookmarked to the first page of each major section.

NOTE: All reports, deliverables and other documents produced by the Contractor shall be marked "FOR OFFICIAL USE ONLY", and shall not be released or shared outside the US government without the express consent of the US.

1. The final design submittal must be professionally signed and sealed by the FPE DOR and forwarded to the Contracting Officer prior to the start of construction. Separated final design packages will only be considered for Government review and approval during the Post Award Kick-off Meeting.
2. Construction submittals shall be approved by FPE DOR and the below submittals shall also be approved by Government as indicated:
  - a. Automatic Sprinkler Submittals (including Water Tank and Fire Pump systems) – Drawings, Calculations, Product Data
  - b. Fire Alarm / Mass Notification System Submittals – Drawings, Calculations, Product Data

## **Paragraph 5 FIRE PROTECTION AND LIFE SAFETY REQUIREMENTS**

The Contractor shall retain the services of a Registered Fire Protection Engineer (FPE). This FPE shall be an integral part of the Prime Contractor's Design and Quality Control Organization, and shall have no business relationships (owner, partner, operating officer, distributor, salesman, or technical representative) with any fire protection equipment device manufacturers, suppliers or installers for any such equipment provided as part of this project. Unless otherwise specified, all work performed on means of egress, fire rated elements, Fire Suppression, Mass Notification, and Fire Alarm Systems shall be designed, reviewed, inspected and approved by the FPE.

1. **Qualifications/Experience:**
  - a. **Qualifications of the Designer:** The FPE DOR shall have obtained professional registration by successfully completing the Fire Protection Engineering discipline examination.
  - b. **Qualifications of the Installer:** Prior to installation, submit data showing the Contractor has successfully installed systems of the same type and design as specified herein, or that Contractor has a contractual agreement with a subcontractor having such experience. Include names and locations of at least two installations where the Contractor, or subcontractor, has installed such systems. Indicate type and design of each system and certify that each has performed satisfactorily as intended for not less than 18 months.
  - c. **Qualifications of the System Technician:** Installation drawings, shop drawing and as-built drawings shall be prepared, by or under the supervision of, an individual who is experienced with the types of works specified herein, and is currently certified by the National Institute for Certification in Engineering Technologies (NICET) as an engineering technician with minimum Level-III certification in the fire protection certification program applicable to the work being performed. Submit data for approval showing the name and certification of all involved individuals with such qualifications at or prior to submittal of drawings.
2. **Area of Responsibility:** The FPE is responsible for assuring the proper design, construction and installation of life safety, fire protection, and mass notification features across all disciplines and trades. Services include preparing the Design Analysis, preparing or reviewing and approving the design documents (drawings), preparing or reviewing all fire protection related specification sections (including fireproofing, firestopping, fire suppression systems, and mass notification and fire alarm systems), certifying in writing that the completed design incorporates all required features, and certifying in writing that the facility was constructed in accordance with the approved design documents and applicable criteria. The FPE shall be responsible for assuring that the construction and installation are in accordance with the approved design documents by reviewing and approving all fire protection construction submittals, providing construction surveillance and preliminary and final inspections and testing services. Examples include, but are not limited to, water distribution systems including fire pumps and fire hydrants, fire resistive assemblies such as spray-applied fire proofing of structural components and fire rated walls/partitions, mass notification, fire alarm and detection systems, fire suppression and standpipe systems, means of egress components, and emergency and exit lighting fixtures. A copy of each approved submittal, with a copy of the Contractor's FPE review comments, shall be forwarded to the Government FPE prior to starting work for that item. This design review effort shall be a part of the Contractor's design quality control program, included in the design quality control plan, and shall be documented and submitted with each design development submittal.
3. **Construction Surveillance:** The FPE shall visit the construction site as necessary to ensure life safety and fire protection systems are being constructed, applied, and installed in accordance with the approved design documents, approved construction submittals, and manufacturer's requirements. Frequency and duration of the field visits are dependent upon particular system components, system complexity, and phase of construction. At a minimum, field visits shall occur just prior to installation of suspended ceiling system to inspect the integrity of passive fire protection features

and fire suppression system piping, preliminary inspections of mass notification, fire alarm/detection and suppression systems, and final acceptance testing of mass notification, fire alarm/detection and suppression systems.

- a. Preliminary and Final Inspections and Acceptance Testing: FPE shall personally witness all preliminary inspections and testing of mass notification, fire alarm/detection and suppression systems. Once preliminary inspections and testing have been successfully completed, the FPE shall submit a signed certificate to the QC Manager that systems are fully compliant and ready for final inspection and acceptance testing. The QC Manager shall provide 14 days advance notice to the Contracting Officer to schedule the final inspection and acceptance testing with the activity Fire Inspection Office and the NAVFAC Fire Protection Engineer.
- b. Final Life Safety/Fire Protection Certification Documentation: The FPE shall provide certification that all life safety and fire protection features and systems have been installed in accordance with applicable criteria, the contract documents, approved submittals, and manufacturer's requirements. This certification shall summarize all life safety and fire protection features, and shall bear the professional seal of the fire protection engineer.

## Paragraph 6 QUALITY CONTROL

The Superintendent may serve also as the Quality Control Manager on this project.

## Paragraph 7 SUBMITTAL PROCESSING

	SUBMITTAL/BENCHMARK	DURATION	BENCHMARK	RECEIVED	STATUS
1	Quality Control Plan				
2	Material Safety Data Sheets				
3	Design/Construction Schedule				
4	Waste Management Plan				
5	Safety and Health Plan				
6	Schedule of Prices				
7	Budget Management Summary				
8	Record Drawings				
9	Operation and Maintenance Information				
10	Licenses and Permits				
11	Badge Requests				
12	Statement of Acknowledgement SF 1413				
13	Demolition and Work Plan				
14	Design Development Docs				
15	Final Design Docs				
16	Submittal Register				
17	Performance/Payment Bonds				
18	Environmental Protection Plan				
19	Certificates of Insurance				
20	DD Form 1354				

## **Paragraph 8 SUPERVISION**

## **Paragraph 10 BUDGET MANAGEMENT**

## **Paragraph 14 SCHEDULE OF PRICES**

## **Paragraph 15 INVOICES**

## **Paragraph 17 EXISTING UNDERGROUND UTILITIES**

## **Paragraph 19 CONTRACTOR WORK SITE**

## **Paragraph 20 TEMPORARY UTILITIES**

Availability and Use of Utility Services:

Temporary Utilities - Provide temporary utilities required for construction. Materials may be new or used, must be adequate for the required usage, not create unsafe conditions, and not violate applicable local codes and standards.

## **Paragraph 21 ENVIRONMENTAL CONTROLS AND PROTECTION**

The Contractor is required to complete and submit evidence of completion of the Environmental Compliance Assessment Training and Tracking (ECATTS) program. For more detailed information on ECATTS see UFGS 01 57 19.00 20.

The DOR is required to edit and submit UFGS 01 57 19.00 20, Temporary Environmental Controls, and UFGS 01 57 19.01 20, Supplementary Temporary Environmental Controls. The DOR must ensure local regulations are met within the edited UFGS section.

## **Paragraph 22 WASTE MANAGEMENT**

Provide Waste Management Plan according to UFGS section 01 33 29.05 20 *Sustainability Requirements for Design Build*.

## **Paragraph 23 RECORD DRAWINGS AND OPERATION & MAINTENANCE (O&M) DATA**

Provide the Contracting Officer with two copies of half size as-built drawings, one copy of full-size as-built drawings, and two CDs containing drawings (in both pdf and Autocad formats), and all construction submittals.

## **Paragraph 24 WARRANTY**

Provide to the Contracting Officer's Representative a bound and indexed notebook containing written warranties for equipment/products furnished under the contract, and prepare a complete listing of such equipment/products. The equipment/products list shall state the specification section applicable to the

equipment/product, duration of the warranty therefore; start date of the warranty, ending date of the warranty, and the point of contact for fulfillment of the warranty. The warranty period shall begin on the same date as project acceptance and shall continue for the full product warranty period, being the minimum period of five years since the Government acceptance of each building or facility. Execute the full list and deliver to the Contracting Officer's Representative prior to final acceptance of the facility.

## **Paragraph 25 PERFORMANCE EVALUATIONS**

## **Paragraph 26 WORK HOURS, ACCESS AND PASSES**

Application for and use of badges will be as directed. Access to the site shall be coordinated with the Contracting Officer's Representative and the NSF Deveselu FEAD.

## **Paragraph 27 SECURITY REQUIREMENTS**

## **Paragraph 28 REQUIRED INSURANCE**

## **Paragraph 30 GOVERNMENT FURNISHED MATERIAL AND EQUIPMENT**

## **Paragraph 34 SAFETY AND OCCUPATIONAL HEALTH**

The DOR is required to edit and submit UFGS 01 35 26, Governmental Safety Requirements.

**\*\*End of PART 2 Attachment A\*\***