

**FIRST ADDENDUM TO
AGREEMENT FOR PROFESSIONAL SERVICES BETWEEN
LAKE COUNTY, FLORIDA AND
ARCHITECTS DESIGN GROUP / ADG, INC.
FOR ARCHITECTURAL AND ENGINEERING DESIGN
FOR THE EMERGENCY OPERATIONS AND COMMUNICATIONS CENTER
RFP 10-0020**

This is a First Addendum to Agreement for Professional Services between Lake County, Florida, a political subdivision of the State of Florida, herein referred to as OWNER, by and through its Board of County Commissioners, and Architects Design Group / ADG, Inc., a Florida corporation, its successors and assigns, herein referred to as PROFESSIONAL.

Recitals

WHEREAS, on May 17, 2010, the parties did enter into an Agreement for Professional Services for Phase I under RFP 10-0020, for professional services pertaining to architectural and engineering design for the Emergency Operations and Communications Center, herein the Project; and

WHEREAS, on September 14, 2010, the Lake County Board of County Commissioners approved the Scope of Services and costs for Phase II of this Project; and

WHEREAS, the parties now desire to formalize the approval by entering into this Addendum to add the Scope of Services for Phase II; and

WHEREAS, Phase II shall include standard architectural and engineering services, including design, development, construction documents, permitting, bidding, and construction administration for the Emergency Operations and Communications Center.

NOW, THEREFORE, for good and valuable consideration, the parties agree as follows:

1. **Recitals**. The foregoing recitals are true and correct and incorporated herein.
2. **Addendum**. Section 3.1, Chapter 1, of the Agreement shall include that the Owner's Budgeted Total Project Construction Cost with technology systems shall not exceed **Eight Million Seventeen Thousand Eight Hundred Eighteen and No/100 Dollars (\$8,017,818.00)**, as indicated in option I-B of the Spatial Needs and Programming Report for the Emergency Operations and Communications Center dated August 31, 2010.

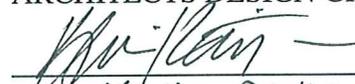
3. **Addendum.** Section 4.1, Chapter 1, of the Agreement shall include the Phase II Scope of Services, attached hereto and incorporated herein by reference as Exhibit "A". In accordance with Exhibit "A", the Owner shall pay the Professional a fee not-to-exceed **Five Hundred Forty Thousand Five Hundred Eighty and No/100 Dollars (\$540,580.00)** for Phase I and Phase II of the Project for the services described herein.

4. **Other Provisions.** All other terms, conditions and provisions of the original Agreement dated May 17, 2010, and any amendments thereto, shall remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have made and executed this First Addendum to Agreement on the respective dates under each signature: OWNER, through its Board of County Commissioners, signing by and through its Chair, authorized to execute same by Board Action on the 14th day of September, 2010, and PROFESSIONAL through its duly authorized representative.

PROFESSIONAL

ARCHITECTS DESIGN GROUP


Name: Kevin Patican, AIA
Title: Senior Vice President

OWNER

LAKE COUNTY, through its
BOARD OF COUNTY COMMISSIONERS


William G. Cadwell Chair

This 16th day of December, 2010.

ATTEST:


Neil Kelly, Clerk of the
Board of County Commissioners
of Lake County, Florida

Approved as to form and legality:


Melanie N. Marsh
Acting County Attorney



SCOPE OF SERVICES (Draft Revisions 10/13/10)

Emergency Operations & Communications Center
Lake County, Florida
ADG Project No. 842-10
August 30, 2010

1. **General Description:**

Architects Design Group, LLC has entered into an agreement with Lake County, Florida to provide Spatial Needs Assessment, Programming and Conceptual Design for the Lake County Emergency Operations Center. Phase I Services of the Agreement dated May 17, 2010 authorizes the Architect to prepare a study of the project requirements and a detailed estimate of probable project development cost. Based upon the County's acceptance of Phase I Services, the Architect shall proceed with Phase II: Standard Architectural and Engineering Services – Design Development/Construction Documents/Permitting/Bidding/Construction Administration.

Based upon the conclusions of Phase I Services to be presented to the Board of County Commissioners, the following Scope of Services for Phase II shall modify and amended said services included in the aforementioned Architect / County Agreement:

2. **Phase II: Standard Architectural and Engineering Services - Design Development/Construction Documents/Permitting/Bidding/Construction:**

2.1 Design Development/Construction Documents/Permitting shall include:

- 2.1.1 The Architect shall be responsible for providing all required surface and subsurface surveys and reports, which may include but is not limited to boundary survey, geotechnical report, utilities survey, etc.
- 2.1.2 The Architect shall be responsible for meeting minutes to include list of attending parties, line item of pertinent discussions/decisions/actions, responsible action party(s).
- 2.1.3 During or after the completion of the Schematic Design, the Architect shall provide a rendering of reasonable size and clarity to articulate the anticipated look, placement, and character of the building, and the site. At the request of the County staff, the Architect shall present such rendering to the Board of County Commissioners.
- 2.1.4 Upon the request of the County, the Architect shall participate in meetings with the County's Architect of Record and Construction Manager for the J.C. Expansion project for coordination purposes.
- 2.1.5 Schematic through Construction document phase drawing and specifications shall be inclusive in providing the architectural, engineering, landscaping, and any other consultants necessary in providing the required components and the required systems for the building and site.

SCOPE OF SERVICES (Draft Revisions 10/13/10)

Emergency Operations & Communications Center

Lake County, Florida

ADG Project No. 842-10

Page two

- 2.1.6 The Architect shall provide two (2) sets and PDF files of the developed documents to the County for the following reviews: Schematic Design: 50%, 100% (no specs included). Design Development: 60%, 90%, 100% (outline specs included).
 - 2.1.7 The Architect shall provide five (5) sets and PDF files to the County for the following reviews: Construction Documents: 60%, 90%, 100% (detailed specs included) (Note: the 60% submittal shall be reviewed with the County's Building Department for preliminary permit review, the meeting shall be documented, and the minutes shall be distributed to the Project Team). Five (5) sets of the final 100% Construction documents package shall be signed and sealed and submitted to the County for its records. (Does not include construction documents required for permitting).
 - 2.1.8 The Architect shall participate in Value Engineering reviews with the County Construction Manager and the County's Cost Estimator at the 100% complete Schematic Design, 100% complete Design Development and 50% complete Construction Documents Phases. Additionally, the Architect shall provide Cost Estimating Services at the 100% complete Design Development Phase to confirm the expected savings resulting from accepted Value Engineering decisions.
 - 2.1.9 The Architect shall identify for grant purposes the associated hardening cost for survivability from a natural, manmade or technological hazard/disaster.
 - 2.1.10 Assist the County in identifying, processing, and approving components for Owner Direct Purchase.
 - 2.1.11 Assist in preparing the Construction Contract schedule of values to include a breakout of the various grant required items.
 - 2.1.12 Assist the County with grant reimbursement submittals.
 - 2.1.13 The Architect shall provide Interior Design services to include inventory of existing furniture suitable for use in a new facility, floor plan with furniture layout, and the development of presentation materials for the County for review and approval. These documents shall become the basis of bidding and procurement by the County with the assistance of Architect, including assistance with the furnishings installation.
 - 2.1.14 The Architect will provide the County with all required design documents for submitting to the required agencies associated with the proposed development. The Architect shall work with the permitting agencies to ensure all permits are attainable by the County or their selected General Contractor/Construction Manager prior to the bidding process.
 - 2.1.15 The data/communication design shall be prepared by the Architect's Registered Communications Distribution Designer following current standards.
 - 2.1.16 The Architect shall provide integration of emergency communication technology.
 - 2.1.17 The Architect shall provide multimedia requirements.
 - 2.1.18 The Architect shall provide security equipment and design elements.
- * Architect shall proceed to subsequent phase with written NOTICE TO PROCEED from County.

SCOPE OF SERVICES (Draft Revisions 10/13/10)

Emergency Operations & Communications Center

Lake County, Florida

ADG Project No. 842-10

Page three

2.2 Construction Administration Phase shall include:

- 2.2.1 Responding to Bid questions, RFI, Change Orders, etc., including Owner Direct Purchase Orders.
- 2.2.2 Building and furniture Bidding assistance.
- 2.2.3 Bi-weekly site visits/attendance at the Contractor/CM scheduled OAC meetings and supplemental meetings (typically at structure enclosure/erection and during installation of final interior finishes) necessary during the construction phase to ascertain the level of completion of the construction, General Contractor/Construction Manager's monthly pay application review, and conformance with construction documents.
- 2.2.4 Assisting the County with grant reimbursement submittals.
- 2.2.5 Post Construction services for startup assistance and warranty review.
- 2.2.6 Furniture delivery/installation coordination.
- 2.2.7 Emergency communication technology/Multimedia equipment delivery/installation coordination.
- 2.2.8 Accommodation for the installation of current County equipment to occur during later phases of construction.
- 2.2.9 Coordination with Contractor in preparing Operation and Maintenance manual.
- 2.2.10 Closeout procedures and As-Built Drawing review.

2.3 Central Energy Plant Storm Hardening:

- 2.3.1 The Architect shall prepare detailed analysis of the Central Energy Plant to confirm the remedial construction required to upgrade the facility to meet the design criteria required of the proposed new EOC facility and comply with requirements of the grants awarded the County as supplemental funding for the project.
- 2.3.2 The Architect and Engineering Team shall confirm the proposed use of chilled water and supplemental emergency power to provide primary and redundant services from the Central Energy Plant to the proposed new EOC facility.
- 2.3.3 The Architect shall prepare design documents to include the Central Energy Plant remedial construction requirements into the Construction Documents and Permit submittals as detailed in Phase II Scope of Services, items 2.1.1 through 2.1.18; and shall provide Construction Administration Services for said work as detailed in Phase II Services, items 2.2.1 through 2.2.10.

2.4 Technology Systems Design:

- 2.4.1 The Scope of Services for the Technology Systems that will be provided in the EOC project shall be as outlined in the Agreement. The Architect and Engineering Team shall provide professional engineering and design services for Voice/Data, Infrastructure, CCTV, Access Control and Audio/Visual Systems.

SCOPE OF SERVICES (Draft Revisions 10/13/10)

Emergency Operations & Communications Center

Lake County, Florida

ADG Project No. 842-10

Page four

2.4.2 Voice and Data Design Services:

- 2.4.2.1 Voice cabling system to accommodate the Owner selected phone switch and EOC dispatch equipment.
- 2.4.2.2 Data cabling system to accommodate the Owner selected Servers and Data Network equipment.
- 2.4.2.3 Wireless access points and antenna locations to accommodate the Owner selected Wireless equipment.
- 2.2.2.4 Main Telecommunication duct-banks from the entrance-facility-telecommunications room, to the building property line for diverse entrances.
- 2.2.2.5 Site and Utility Service Coordination Meeting (1).
- 2.2.2.6 Distribution, sizing and layout of telecommunication rooms interfacing with the Architect for space considerations.
- 2.2.2.7 Layout of Main Telecommunications Room and EOC with Owner provided equipment dimensions and loads.
- 2.2.2.8 Horizontal intra-building infrastructure for voice/data cabling (raceways) providing coordination for space considerations with architectural and MEP systems.
- 2.2.2.9 Develop a cabling standard for the project with client input. Voice/Data Horizontal Structured Cabling System with cooper CAT6 or 6A UTP cabling.
- 2.2.2.10 Fiber Optic Data Multimode and Singlemode Backbone design.
- 2.2.2.11 Copper voice multi-pair backbone design in specific areas. Current assumption is that a VOIP phone system will be implemented at this facility.
- 2.2.2.12 Meet with designated staff to arrive at system topology and outlet configuration.
- 2.2.2.13 Develop a labeling and numbering scheme with client input.
- 2.2.2.14 Develop testing procedures for all copper and fiber optic cabling systems.
- 2.2.2.15 Provide and coordinate power requirements to workstations throughout the building to the Electrical Engineering for service to data wired equipment.
- 2.2.2.16 Coordination with J.C. expansion project for exterior media press pedestals with connectivity to internal press area.

SCOPE OF SERVICES (Draft Revisions 10/13/10)

Emergency Operations & Communications Center

Lake County, Florida

ADG Project No. 842-10

Page five

2.4.3 Audio/Visual Design Services:

- 2.4.3.1 A video display system to be located in the EOC shall provide audio and video presentation of mission critical data on multiple large format screens using projectors, LCD or plasma screens. All video source and destination selection, audio selection, and audio level control are to be accomplished via County direction for control system. Multiple fixed or motorized screens, or if space permitting, a rear screen system or possible video wall could be employed.
- 2.4.3.2 Audio and video presentation design will provide for connections to presentation devices from County selected sources.
- 2.4.3.3 Traditionally these areas would include control of all lighting and AV equipment designed for the room. Designated rooms shall be designed as multi-media presentation rooms and shall incorporate a presenter's computer with DVD, VCR, and a laptop interface connection plate.
- 2.4.3.4 Potential document camera either fixed or movable.
- 2.4.3.5 Audio reinforcement shall be provided through the use wireless or wired microphones distributed through from mounted speakers on either side of the screen or distributed speaker system in the ceiling.
- 2.4.3.6 Other miscellaneous equipment would include wireless keyboard and mouse, telestrators and Smartboards as County dictates in design meetings.
- 2.4.3.7 Paging/intercom system design for building.
- 2.4.3.8 Cabling distribution design for CATV systems, both land based and satellite based for redundancy.
- 2.4.3.9 Video teleconferencing systems for EOC and one additional area.
- 2.4.3.10 Microphone systems for ESF groupings.
- 2.4.3.11 Streaming audio to EOC workstations of video wall TV channels.
- 2.4.3.12 Audio/Video HD digital recording of EOC event activation.

2.4.4 RD Radio Microwave and Satellite Transmission:

- 2.4.4.1 Design of secondary Antenna placement area on roof top or a possible elevator or mechanical penthouse structure.
- 2.4.4.2 The project shall include the design of the antenna placement and cabling support into the buildings radio room. All antennas, supports and end use radio equipment are assumed to be specified and purchased by the County for delivery to the integrator for installation at the designated heights on the tower itself.
- 2.4.4.3 The design documents shall include all grounding requirements in accordance with IEEE installation guidelines and include all TVSS protection for each cable entering the building.

SCOPE OF SERVICES (Draft Revisions 10/13/10)

Emergency Operations & Communications Center Lake County, Florida

ADG Project No. 842-10

Page six

2.4.4.4 Design will include electrical circuit design for antenna, communications, power and lighting needs as applicable.

2.4.5 Security Design Services:

2.4.5.1 Provide a full and detailed security system design to include equipment selection suitable for bid and construction for an integrated security system with input information from door contacts, motion detectors, card readers and intercom systems for doors and cameras and includes both fixed and PTZ interior/exterior cameras.

2.4.5.2 An active security monitoring point will be established in an area designated by the owner where these signals, alarm points and CCTV monitoring can be displayed and responded to.

2.4.5.3 Design of interior CCTV coverage of designated areas.

2.4.5.4 Location, sizing and layout of security monitoring point (control area).

2.4.5.5 Intra-building Horizontal infrastructure for security cabling (raceways).

2.4.5.6 Coordinate the security design with the selected door hardware vendor and the users groups and shall provide a door matrix indicating responsibility of each associated device.

2.4.5.7 Exterior secured access control system controlling rolling 8 ft. gate.

2.4.5.8 Power requirements for the security equipment for inclusion into the electrical support documents.

2.5 Furniture (Interior Design) and Equipment:

2.5.1 Furniture (Interior Design) and Equipment services as related to the layout (design), selection, bidding and supervision of installation of furnishings.

2.5.2 The Architect shall provide interior design, furniture procurement, equipment procurement and inventory of existing furniture and equipment to be relocated into the new EOC building and shall coordinate this activity with the selection, bidding and installation of new furnishings.

2.6 Modifications to the Parking Garage:

2.6.1 The Architect shall prepare construction documents and permit submittal to include modifications to the existing Parking Garage for after-hours access.

2.6.2 Modifications to the Parking Garage will include remedial work to the security system; zoning and switch of lighting systems for the area identified for after-hours parking; and operation of gated access systems.

2.6.3 The Architect services for modifications to the Parking Garage will be provided as detailed in Phase II Scope of Services, items 2.1.1 through 2.1.18; and shall provide Construction Administration Services for said work as detailed in Phase II Services item 2.2.1 through 2.2.10.



PROFESSIONAL SERVICES COMPENSATION

Emergency Operations & Communications Center
Lake County, Florida
ADG Project No. 842-10

Summary: Based Upon Project Report – “ Development OPTION 1-B”

Phase I: Spatial Needs Assessment/Programming/Conceptual Design \$ 36,660.00

Note: This value is included within the overall professional fee for Phase II Services as follows.

Phase II: Standard Architectural and Engineering Services – Design Development/Construction Documents/Permitting/Bidding/Construction: Lump Sum Fee \$ 540,580.00

Note: This value is based upon the acceptance of the Project Development Option that provides the following:

- 33,702 S.F. EOC/Communications Center
• Modifications (Building Hardening) to the Central Energy Plant
• Technology Systems Infrastructure and Equipment
• New and Existing Furniture and Equipment