

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY**

Meeting Date: April 14, 2026

Consent
 Workshop

Regular
 Public Hearing

Department: Facilities Development & Operations

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Consultant Services Authorization (CSA) No. 4 to the continuing consulting design, permitting, and construction administration services contract (R2025-0602) with Omnicom Consulting Group, Inc. (Consultant) in the amount of \$476,732.88 for the South County EMS 800 MHz Tower Replacement project.

Summary: On May 6, 2025, the Board of County Commissioners (BCC) approved the continuing consulting services/design professional contract (R2025-0602) with the Consultant to provide design, permitting, and construction administration services for capital improvement or renovation projects related to the Public Safety Radio System on a task assignment basis. This item will authorize the professional services needed to replace the South County radio communication tower and antenna located at 345 S. Congress Ave in Delray Beach. Under CSA No. 4, the Consultant will provide professional services that include design, construction document preparation, construction administration services, site surveys, relocating existing microwave paths, and the implementation of a new communications system. The existing communication tower structure no longer meets County standards for the public safety radio system and provides no certainty of critical communication operational continuity into the future. This continuing contract was solicited pursuant to the requirements of the Equal Business Opportunity (EBO) Ordinance. On October 7, 2024, the Office of Small Business Development granted a waiver of the Affirmative Procurement Initiative (API) based upon the determination that sufficient qualified Small Business Enterprises (SBEs) providing the goods or services required by the contract are unavailable in the County to perform the specialized design services for the Public Safety Radio System. Funding for this project is from the RR&I for 800 MHz Systems Fund. **(Capital Improvements Division) District 7 (MWJ)**

Background and Justification: On February 13, 2025, the Consultant was selected in accordance with the BCC adopted procedures and pursuant to Section 287.055, Florida Statutes, the Consultants' Competitive Negotiation Act. CSA No. 4 authorizes professional services necessary for the South County EMS 800 MHz Tower Replacement project in order to provide critical communication continuity.

Attachments:

1. Location Map
2. Budget Availability Statement
3. CSA No. 3
4. CSA History
5. Certificate of Liability Insurance
6. Nongovernmental Entity Human Trafficking Affidavit
7. Emergency Ordinance Notification Letter

Recommended by:  Department Director Date

Approved by:  Deputy County Administrator 3/18/26
Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2026	2027	2028	2029	2030
Capital Expenditures	\$476,733	_____	_____	_____	_____
Operating Costs	_____	_____	_____	_____	_____
External Revenues	_____	_____	_____	_____	_____
Program Income (County)	_____	_____	_____	_____	_____
In-Kind Match (County)	_____	_____	_____	_____	_____
NET FISCAL IMPACT	<u>\$476,733</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
# ADDITIONAL FTE POSITIONS (Cumulative)	_____	_____	_____	_____	_____

Is Item Included in Current Budget: Yes X No _____
 Is this item using Federal Funds? Yes _____ No X
 Is this item using State Funds? Yes _____ No X

Budget Account No:

<u>Fund</u>	<u>3801</u>	<u>Dept</u>	<u>661</u>	<u>Unit</u>	<u>B653</u>	<u>Object</u>	<u>6505</u>
PROFESSIONAL SERVICES						\$476,732.88	
STAFF COSTS						\$ 0.00	
CONTINGENCY						\$ 0.00	
TOTAL						\$476,732.88	

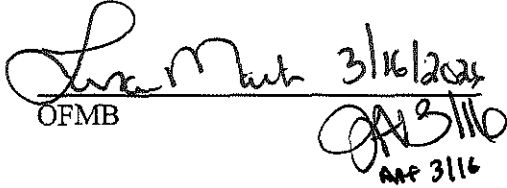
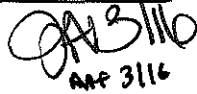
B. Recommended Sources of Funds/Summary of Fiscal Impact:

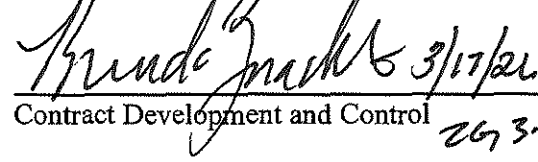
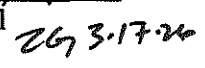
Funding for this project is from the RR&I for 800 MHz Systems Fund.

C. Departmental Fiscal Review: 

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Development Comments:

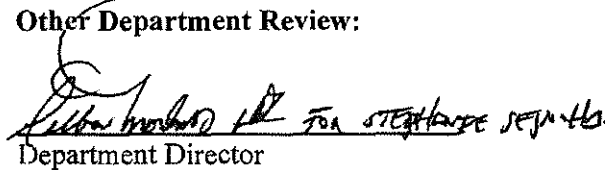
 3/16/2024
 OFMB  APR 3116

 3/17/24
 Contract Development and Control  267 3.17.24

B. Legal Sufficiency:

 3/17/26
 Chief Assistant County Attorney

C. Other Department Review:


 Department Director

This summary is not to be used as a basis for payment.

LOCATION MAP

Project No: P-2026-000010
Project Name: South County EMS 800 MHz Tower Replacement
Location: 345 S. Congress Ave, Delray Beach, FL 33445



BUDGET AVAILABILITY STATEMENT

REQUEST DATE: 12/9/2025 REQUESTED BY: David Hawke PHONE: (561) 233-0707
 PROJECT TITLE: South County EMS 800 MHZ Tower Replacement
 (Same as CIP or IST, if applicable)

ORIGINAL CONTRACT AMOUNT: \$ IST PLANNING NO.: N/A
 REQUESTED AMOUNT: \$476,732.88 BCC RESOLUTION NO: R2025-0602
 eFDO NO: P-2026-000010 DATE: 05/06/25
 PROJECT NO: P-2026-000010
 CSA NO: CSA #4 SUPPLEMENT NO: N/A
 CHANGE ORDER NO: N/A W. O. NUMBER: N/A
 TASK ORDER NO: N/A AMENDMENT NO: N/A
 SERVICE LOCATION: 345 S. Congress Ave, Delray Beach, FL 33446
 BUILDING NO: 93
 CONSULTANT: Omnicom Consulting Group, Inc.
 CONTRACTOR: N/A

PROVIDE A BRIEF STATEMENT OF THE SCOPE OF SERVICES TO BE PROVIDED BY THE CONSULTANT/CONTRACTOR:

Professional services shall include design and construction administration phase services necessary to erect and replace the south county radio antenna.

CONSTRUCTION	\$0.00
PROFESSIONAL SERVICES	\$476,732.88
STAFF COST*	\$0.00
EQUIPMENT/SUPPLIES	\$0.00
ADVERTISEMENT/PERMIT FEES	\$0.00
CONTINGENCY	\$0.00
TOTAL	\$476,732.88


** By signing this BAS your department agrees to these CID staff charges and your account will be charged upon receipt of this BAS by FD&O. Unless there is a change in the scope of work, no additional staff charges will be billed. If this BAS is for construction costs of \$250,000 or greater, staff charges will be billed as actual and reconciled at the end of the project. If the project requires Facilities Management or ESS staff your department will be billed actual hours worked upon project completion.*

BUDGET ACCOUNT NUMBER(S) (Specify distribution if more than one and order in which funds are to be used):

FUND: 3801 DEPT: ~~411~~ 661 UNIT: B653 OBJ: 6505

IDENTIFY FUNDING SOURCE FOR EACH ACCOUNT: (check and provide detail for all that apply)

Ad Valorem (Amount\$ _____) Infrastructure Sales Tax (Amount\$ _____)
 State (Source/Type _____ Amount\$ _____) Federal (Source/Type _____ Amount\$ _____)
 Grant (Source/Type _____ Amount\$ _____) Impact Fees: (Amount\$ _____)
 Other (Source/Type 800Mhz Amount\$ _____)

Department: FD&O **Public Safety**
 BAS APPROVED BY:  DATE 12/9/2025
 ENCUMBRANCE NUMBER: _____

DH/jcm  Digitally signed by Marianela Diaz
 DN: DC=org, DC=pbcgov, OU=Enterprise, OU=PSD, OU=Users, CN=Marianela Diaz, E=MDiaz@pbcc.gov
 Date: 2026.02.03 20:34:54-05'00'

ATTACHMENT #3

CONSULTANT SERVICES AUTHORIZATION #4

OMNICOM CONSULTING GROUP, INC.
Continuing Public Safety Radio System Consultant

**SOUTH COUNTY EMS 800 MHZ TOWER REPLACEMENT
PROJECT NO. P-2026-000010
DISTRICT NO. 7**

THIS CONSULTANT SERVICES AUTHORIZATION (CSA) NO. 4 to the Contract dated 05/06/2025 (R2025-0602) (the "Contract") between Palm Beach County, a political subdivision of the State of Florida, by and through its Board of County Commissioners and the Consultant identified herein is for the consultant services described in Item 4 of this CSA.

1. CONSULTANT: OMNICOM CONSULTING GROUP, INC., whose Federal Tax ID# is 47-3435197.

2. History: Not applicable. This CSA is for a new project.

3. Services completed to date: Not applicable. This CSA is for a new project.

4. Description of Services to be provided by Consultant: Professional services shall include design and construction administration phase services necessary to erect and replace the South County radio communication tower and antenna. City of Delray Beach is the authority having jurisdiction (AHJ) for this project as detailed on the attached proposal dated November 17, 2025. In the event of a conflict between the terms and conditions of the Contract and the terms and conditions of Consultant's proposal, the terms and conditions of the Contract shall control.

5. Compensation: The compensation to be paid to the Consultant for the requested services shall be: Lump Sum charge of \$476,732.88.

6. This CSA may be terminated, in whole or in part, by the County with or without cause in accordance with the Contract terms. In the event of termination not the fault of the Consultant, the Consultant shall be compensated for all services performed to termination date, together with reimbursable expenses (if applicable) then due in accordance with the Contract terms.

Consultant agrees to waive any and all claims for lost profits or anticipated future profits in the event of a termination with or without cause under this Contract.

7. If not previously provided or for a new project, the Consultant shall provide County with an executed Conflict of Interest Disclosure Form, attached hereto and incorporated herein.

8. All terms, conditions, and obligations of the original Contract, as amended, shall remain in full force and effect, unless specifically noted as follows:

Section 8.7 of the Contract is hereby deleted in its entirety and replaced with the following:

Form rev 8/19/25 Non-Federal (EBO Program) – CSA/Supplement

8.7 NON-DISCRIMINATION.

The COUNTY is committed to assuring equal opportunity in the award of contracts and complies with all laws prohibiting discrimination. Pursuant to Palm Beach County Resolution R2025-0748, as may be amended, the CONSULTANT warrants and represents that throughout the term of the Contract, including any renewals thereof, if applicable, all of its employees are treated equally during employment without regard to race, color, religion, disability, sex, age, national origin, ancestry, marital status, familial status, sexual orientation, or genetic information. Failure to meet this requirement shall be considered default of the Contract.

As a condition of entering into this Contract, the CONSULTANT represents and warrants that it will comply with the COUNTY'S Commercial Nondiscrimination Policy as described in Resolution 2025-0748 as may be amended. As part of such compliance, the CONSULTANT shall not discriminate on the basis of race, color, national origin, religion, ancestry, sex, age, marital status, familial status, sexual orientation, disability, or genetic information in the solicitation, selection, hiring or commercial treatment of subcontractors, vendors, suppliers, or commercial customers, nor shall the CONSULTANT retaliate against any person for reporting instances of such discrimination. The CONSULTANT shall provide equal opportunity for subcontractors, vendors and suppliers to participate in all of its public sector and private sector subcontracting and supply opportunities, provided that nothing contained in this clause shall prohibit or limit otherwise lawful efforts to remedy the effects of marketplace discrimination that have occurred or are occurring in the COUNTY's relevant marketplace in Palm Beach County. The CONSULTANT understands and agrees that a material violation of this clause shall be considered a material breach of this Contract and may result in termination of this Contract, disqualification or debarment of the company from participating in COUNTY contracts, or other sanctions. This clause is not enforceable by or for the benefit of, and creates no obligation to, any third party. CONSULTANT shall include this language in its subcontracts.

9. Time of Commencement: Consultant shall begin work immediately on the requested services upon receipt of this executed document which shall constitute official “Notice to Proceed”.

10. EBO Program:

The API requirements were waived for this continuing contract since sufficient qualified SBE's providing the specialized services required are unavailable.

11. Emergency Ordinance. *The Contract and this CSA is subject to the County Emergency Ordinance 2025-014, approved by the Board of County Commissioners on June 3, 2025.*

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Project No.: P-2026-000010

Project Name: South County EMS 800 MHZ Tower Replacement

IN WITNESS WHEREOF, this CSA is accepted, subject to the terms and conditions of the
aforementioned Contract.

ATTEST:
MICHAEL A. CARUSO,
CLERK & COMPTROLLER

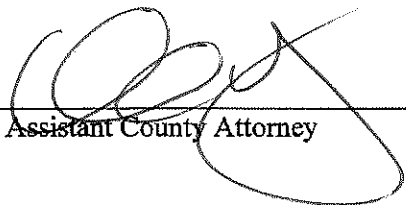
PALM BEACH COUNTY, FLORIDA,
Political Subdivision of the State of Florida
BOARD OF COUNTY COMMISSIONERS
(BCC)


By: _____
Deputy Clerk

By: _____
Sara Baxter, Mayor

APPROVED AS TO
LEGAL SUFFICIENCY:


APPROVED AS TO TERMS
AND CONDITIONS:

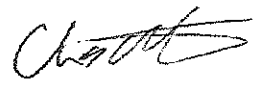
By: 
Assistant County Attorney

By: 
Jennifer Ferriol, Director - FD&O

WITNESS FOR CONSULTANT:

CONSULTANT:
Omnicom Consulting Group, Inc.


Signature
Tim Barrentine
Name (type or print)

By: 
Signature
Chris Monzingo
Name (type or print)
Vice President
Title



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Search by Entity Name](#) /

Detail by Entity Name

Florida Profit Corporation
OMNICOM CONSULTING GROUP, INC.

Filing Information

Document Number	P15000024647
FEI/EIN Number	47-3435197
Date Filed	03/16/2015
Effective Date	03/13/2015
State	FL
Status	ACTIVE
Last Event	AMENDMENT
Event Date Filed	04/27/2015
Event Effective Date	NONE

Principal Address

7788 McClure Drive
Tallahassee, FL 32312

Changed: 01/12/2024

Mailing Address

7788 McClure Drive
Tallahassee, FL 32312

Changed: 01/12/2024

Registered Agent Name & Address

BARRENTINE, TIM
7788 McClure Drive
Tallahassee, FL 32312

Address Changed: 01/12/2024

Officer/Director Detail

Name & Address

Title P

Barrentine, Tim
7788 McClure Drive
Tallahassee, FL 32312

Title VP

Monzingo, Chris
7788 McClure Drive
Tallahassee, FL 32312

Annual Reports

Report Year	Filed Date
2023	02/16/2023
2024	01/12/2024
2025	01/22/2025

Document Images

<u>01/22/2025 -- ANNUAL REPORT</u>	View image in PDF format
<u>01/12/2024 -- ANNUAL REPORT</u>	View image in PDF format
<u>02/16/2023 -- ANNUAL REPORT</u>	View image in PDF format
<u>01/31/2022 -- ANNUAL REPORT</u>	View image in PDF format
<u>01/27/2021 -- ANNUAL REPORT</u>	View image in PDF format
<u>01/10/2020 -- ANNUAL REPORT</u>	View image in PDF format
<u>02/11/2019 -- ANNUAL REPORT</u>	View image in PDF format
<u>01/19/2018 -- ANNUAL REPORT</u>	View image in PDF format
<u>08/21/2017 -- Reg. Agent Change</u>	View image in PDF format
<u>01/17/2017 -- ANNUAL REPORT</u>	View image in PDF format
<u>03/08/2016 -- ANNUAL REPORT</u>	View image in PDF format
<u>04/27/2015 -- Amendment</u>	View image in PDF format
<u>03/16/2015 -- Domestic Profit</u>	View image in PDF format

Omnicom Consulting Group, Inc.
7788 McClure Drive
Tallahassee, FL 32312
850-212-4475



January 7, 2026

P-2026-000010
Palm Beach County
Capital Improvements Division
2633 Vista Parkway
West Palm Beach, Florida 33411

RE: P-2026-000010- South EMS 800 MHZ Tower Site Replacement Support Project

Dear Sir:

This services proposal is in reference to a recent request in which Omnicom Consulting Group, Inc. (OCG) was asked to provide Palm Beach County a quotation for professional design services for tasks related to the replacement of the existing South EMS communications site (S-7). OCG has assembled a comprehensive team of partners, all of which OCG has successfully completed projects with, for this very important project. OCG's team includes Tower Engineering Professionals. Together, OCG is confident that this project will be a success.

SCOPE OF WORK

1. Design Phase

OCG will work closely with Zyscovich Studio / Stratus and Moss and Associates the current Architecture and CMAR firms that are managing the overall South County Administration Complex (SCAC) project. One of the first tasks that must be completed as part of this overall project is the relocation of the existing South EMS communications site (S-7).

1.1. City of Delray Beach Zoning Support

OCG will actively participate in and provide technical assistance with the development of required documentation to get approval from the City of Delray Beach for the replacement of the South EMS tower site. OCG understands that Zyscovich Studio / Stratus and Moss and Associates are the leads for this effort, but OCG will provide the necessary support in an effort to get City of Delray approval.

1.2. Construction Documents

OCG and its subcontractor will develop a comprehensive set of construction drawings and specifications for the replacement of the existing S-7 communications site. These documents will be provided to Moss and Associates for the construction of the replacement S-7 communications site.

1.2.1. Schematic Design Phase

1.2.1.1. Design Kick-off Meeting

OCG will participate in a design kick-off meeting to ensure all parties have a thorough understanding of the goals of the project and to establish lines of communications. The goals of the project and requirements provided by the County for the new infrastructure will be reviewed during this meeting to ensure the design achieves a practical programmatic and economic solution, within the limitations of the authorized program, schedule and budget.

OCG will document the results of the kick-off meeting, including design factors agreed to, with any instructions furnished by the County to carry out such factors, including, but not limited to:

1. Program clarification
2. Scheduling concerns
3. Existing site conditions
4. Quality requirements
5. Special material requirements
6. Requirements for telephone, data, security, utilities, etc.

1.2.1.2. Design Intent Report

OCG will provide a Design Intent Report explaining the basis of the design and describing how the designed solution satisfies the program. The report will summarize the opportunities and constraints influencing the design and rationale behind the design to serve as a vehicle to acquaint interested persons with the particulars of the project. OCG will provide a narrative description of the design and construction concepts and how they are responsive to the program.

The Design Intent Report will include:

1. Introduction
2. Goals
3. Facts
4. Needs
5. Criteria
6. Preliminary project description

1.2.1.3. Site Visit

OCG will participate in a site visit to assess existing conditions, review availability of utilities (electrical and communications), and verify feasibility of the design requirements provided by the County.

1.2.1.4. Site Survey and Mapping

OCG will utilize the existing boundary/topographical survey provided by the County for this project. OCG will perform construction staking using the site plan to establish locations for ground resistance testing and geotechnical surveys.

1.2.1.5. Geotechnical Investigation

OCG will perform a single 100-foot boring at the centerline of the proposed tower location. The information collected from the boring will be used by the tower manufacturer as the basis of the design for the tower foundation.

1.2.1.6. Submit Schematic Design Documents

OCG will submit Schematic Design Documents consisting of:

1. Preliminary utility investigations, including consultation with local service providers, confirmation of utility locations, availability, and adequacy for intended service, and preliminary routing of utility services to the Project.



2. Preliminary floor plan of equipment shelter.
3. Preliminary wall space usage indicating general locations of transmission line entrance panels, electrical load centers, master ground bars, and communication circuits demarcations.

OCG will furnish the County with two (2) full-size and two (2) half-size printed sets of schematic design documents.

1.2.1.7. Schematic Design Review Meeting

OCG will prepare for and participate in a meeting to review the schematic design with the County to ensure that the proposed design concept is consistent with the County's requirements.

1.2.2. 50% Construction Documents

1.2.2.1. Develop 50% Construction Documents

OCG will develop 50% construction drawings including:

1. Tower Drawings
 - a. Loading diagram
 - b. Tower ground bar plan
2. Shelter Drawings
 - a. Floor plan
 - b. Wall usage plan
 - c. Transmission line entry port plan
 - d. Electrical plan
 - e. Lighting plan
 - f. Grounding and bonding
 - g. Partitioning plan
3. Site Plan
 - a. Electrical utilities
 - b. Communications
 - c. Grounding and bonding

OCG will furnish the County with four (4) full-size and three (3) half-size printed sets of construction drawings as well as an electronic copy.

1.2.2.2. Participate in 50% Construction Documents Review Meeting

OCG will prepare for and participate in a review of the 50% construction documents with the County. The County will issue a list of recommended changes/corrections to be incorporated in the final documents. OCG will transmit written replies to review comments issued by the County for which clarification requests were identified or for which changes were authorized at the 50% construction documents review meeting.

1.2.3. 95% Construction Documents

1.2.3.1. Develop 95% Construction Documents

OCG will update the 50% construction documents based upon the comments of the County during the 50% construction documents review meeting. OCG will submit the 95% construction documents to the County for review, comments and approval.



OCG will furnish the County with two (2) full-size and two (2) half-size printed sets of construction drawings as well as an electronic copy.

1.2.3.2. Participate in 95% Construction Documents Review Meeting

OCG will prepare for and participate in a review of the 95% construction documents with the County. The County will issue a list of recommended changes/corrections to be incorporated in the final documents. OCG will transmit written replies to review comments issued by the County for which clarification requests were identified or for which changes were authorized at the 95% construction documents review meeting.

1.2.4. 100% Construction Documents

1.2.4.1. Adjust Design in Event of Changes Due to Final Approval of Site Plan

In the event the final site plan affects the placement of equipment within the 95% construction documents, OCG will incorporate these changes in the 100% construction documents. OCG will also incorporate changes and comments from the 95% construction documents review meeting

1.2.4.2. Produce 100% Construction Documents

OCG will furnish the required number of signed and sealed copies of the 100% construction documents. OCG will identify in writing any part of the work that might require special monitoring or consideration during construction to prevent quality control problems, delays, or cost escalation. This will include any long lead time equipment or materials, items which interface with difficulty and areas of work requiring significant care or precision in installation.

OCG will furnish the County with four (4) full-size and three (3) half-size printed sets of construction drawings as well as an electronic copy.

OCG will provide reproducibles of the approved construction plans and a master set of technical specifications for the County's to issue to Moss and Associates. Construction documents will be provided in PDF format.

1.2.5. Outside Agency Permitting

1.2.5.1. Federal Aviation Administration

OCG will file the necessary forms with the Federal Aviation Administration (FAA) Form 7460-1, Notice of Proposed Construction or Alteration to obtain approval to construct the tower and requested lighting system.

1.2.5.2. Federal Communications Commission

Upon completion of and receipt of a FAA determination of no obstruction, OCG will file for an application for an Antenna Structure Registration (ASR) number with the FCC.

1.3. Project Management Reports and Teleconferences

OCG will work with the County team via both remote and onsite meetings throughout the duration of this project. At a minimum OCG will conduct bi-weekly project progress meetings with the County's team. OCG will follow up these meetings with a status report to include

- Meeting minutes / items discussed
- Updated project schedule
- Updated action item list
- Updated risk management register



2. Construction Administration Phase

2.1. Submittal/Shop Drawings Review, Comment, and Approve

OCG will perform professional review and approval or rejection of shop drawings, samples and other submittals from the construction contractor to determine conformance with the specific portions of the construction documents under which the submittals were made.

2.1.1. Tower Structural Plans

OCG will review and approve or reject the tower structural submittal to ensure compliance with project specifications.

2.1.2. Shelter Design

OCG will review and approve or reject the shelter submittal to ensure compliance with project specifications.

2.1.3. Foundations

OCG will review and approve or reject the tower, shelter, and generator foundation submittals to ensure compliance with project specifications.

2.1.4. Grounding

OCG will review and approve or reject the grounding system submittals to ensure compliance with project specifications.

2.1.4.1. Final Ground Test

OCG will observe the final ground test to evaluate the adequacy and completeness of the contractor's compliance with the contract documents.

2.1.5. Generator/Fuel Tank

OCG will review and approve or reject the generator and fuel tank submittals to ensure compliance with project specifications.

2.1.6. Electrical

OCG will review and approve the electrical submittals to ensure compliance with project specifications.

2.1.7. UPS/48VDC Power Systems

OCG will review and approve or reject the uninterruptible power supply / 48VDC submittals to ensure compliance with project specifications.

2.1.8. Fencing and Compound

OCG will review and approve or reject the fencing and compound submittals to ensure compliance with project specifications.

2.1.9. Concrete Design Mix Density Verification

OCG will review and approve or reject the concrete design mix density verification submittal to ensure compliance with project specifications.

2.2. Construction Tasks

2.2.1. Site Prep

2.2.1.1. Staking and Grading

OCG will inspect the staking and grading of the tower site to evaluate the adequacy and completeness of the contractor's compliance with the contract documents.



- 2.2.1.2. Access, Parking, Staging
OCG will inspect the establishment of access, parking and staging areas to evaluate the adequacy and completeness of the contractor's compliance with the contract documents.
- 2.2.1.3. Utility Connection Conduit/Cable Installation
OCG will inspect the installation of utilities connection conduits and cables to evaluate the adequacy and completeness of the contractor's compliance with the contract documents.
- 2.2.1.4. Communications Conduit/Cable Installation
OCG will inspect the installation of communications conduits and cables to evaluate the adequacy and completeness of the contractor's compliance with the contract documents.

2.2.2. Tower Erection

- 2.2.2.1. Foundation Drill
Upon completion of each foundation drilled shaft, OCG will visually inspect the drilled shaft to evaluate the adequacy and completeness of the contractor's compliance with the contract documents.
- 2.2.2.2. Foundation Place Concrete
OCG will inspect the construction of the foundation rebar cage, observe the pouring of the tower foundations and setting of the anchor bolts to evaluate the adequacy and completeness of the contractor's compliance with the contract documents. Because the foundation has not been designed, the size of the foundation is unknown at this time and therefore, the time for the contractor to perform this task is unknown at this time. OCG proposes this task on an hourly basis and has included an estimated 36 hours for this task in the cost proposal.
- 2.2.2.3. Concrete Cure & Test
OCG will review the independent, third-party concrete break test results provided by the contractor to evaluate the adequacy and completeness of the contractor's compliance with the contract documents.
- 2.2.2.4. Tower Assembly
OCG will monitor contractor's progress in assembling the tower by regularly communicating with the contractor. OCG will notify the County of the progress.

OCG will file with the FAA Form 7460-2 that the tower erection has commenced within at least 48 hours prior to start of tower assembly and within 5 days of when the structure reached its greatest height.

- 2.2.2.5. Tower Inspection
OCG's subcontractor TEP will perform an inspection of the completed tower to verify it was erected in accordance with the approved tower drawings. OCG will furnish a signed and sealed report outlining the results of the inspection.

Should deficiencies in the construction of the tower be discovered, OCG will promptly notify the County and contractor and oversee the contractor's corrective actions.



2.2.3. Shelter Installation

2.2.3.1. Inspection at Manufacturer

OCG will perform an on-site inspection of the equipment shelter at the manufacturer's facilities to ensure that it is in compliance with the project requirements. It is common to perform this inspection on-site as issues that may be identified can be readily addressed rather than trying to address those issues in the field.

2.2.3.2. Shelter and Generator Foundation

OCG will observe the concrete pouring of the shelter and generator foundation to evaluate the adequacy and completeness of the contractor's compliance with the contract documents.

2.2.3.3. Shelter Installation

OCG will observe the installation of the shelter to evaluate the adequacy and completeness of the contractor's compliance with the contract documents.

2.2.3.4. Ice Bridge Installation

OCG will inspect the installation of the ice bridge to evaluate the adequacy and completeness of the contractor's compliance with the contract documents.

2.2.3.5. Shelter Inspection and Testing

OCG will inspect the installed shelter and observe the completion of the shelter inspection tests.

2.2.4. Electric Utility

2.2.4.1. Set Transformer Pad and Electrical Service

OCG will inspect the installation of the transformer pad and electrical service to evaluate the adequacy and completeness of the contractor's compliance with the contract documents.

2.2.4.2. Set Transformer and Meter

OCG will inspect the installation of the transformer and electrical service meter to evaluate the adequacy and completeness of the contractor's compliance with the contract documents.

2.2.4.3. Connect Utility to Transformer

OCG will inspect the connection of the electrical utility to the transformer to evaluate the adequacy and completeness of the contractor's compliance with the contract documents.

2.2.4.4. Electrical Inspection

OCG will observe the electrical inspection and note any deficiencies required to be corrected.

2.2.4.5. Connection of Electrical to Shelter

OCG will inspect the electrical connection to the equipment shelter to evaluate the adequacy and completeness of the contractor's compliance with the contract documents.

2.2.5. Generator and Fuel Tank

2.2.5.1. Generator and Fuel Tank Installation

OCG will inspect the installation of the transformer and electrical service meter to evaluate the adequacy and completeness of the contractor's compliance with the contract documents.

2.2.5.2. Generator and Fuel tank Inspection and Testing

OCG will inspect the installation of the generator and fuel tank and observe the acceptance testing to evaluate the adequacy and completeness of the contractor's compliance with the contract documents.

2.2.6. Site Grounding

2.2.6.1. Grounding Inspection and Testing

OCG will inspect the installation of the site grounding and observe the acceptance testing to evaluate the adequacy and completeness of the contractor's compliance with the contract documents.

2.2.7. Compound

2.2.7.1. Fencing

OCG will inspect the installation of the fencing to evaluate the adequacy and completeness of the contractor's compliance with the contract documents.

2.2.7.2. Fence Grounding

OCG will inspect the installation of the fence grounding to evaluate the adequacy and completeness of the contractor's compliance with the contract documents.

2.2.7.3. Weed Fabric/Gravel

OCG will inspect the installation of the weed fabric and gravel to evaluate the adequacy and completeness of the contractor's compliance with the contract documents.

2.3. Close-out

2.3.1. Substantial Completion and Punch List Items

Upon completion of inspection verifying Substantial Completion has taken place, OCG will provide a written report to the County indicating if Substantial Completion has been achieved, along with a written punch list of items found not to be complete, in need of correction, replacement or otherwise not in accordance with the construction documents.

2.3.2. Final Inspection

OCG will perform a final inspect after the punch list items have been completed for final acceptance of the project.

2.3.3. As-Builts

After the contractor has submitted its marked up record prints, based on these marked up prints, OCG will revise the original documents showing changes in the work made during the construction process to produce a set of as-built documents.

2.3.4. Close-out Documentation

OCG will review and approve close-out documentation provided by the contractor for the project.



3. Frequency Migration Phase

These tasks are optional and only will be required if the new tower's final location is more than 50' center to center between new and existing tower.

3.1. FCC Licensing

3.1.1. Licensed LMR Systems

OCG will coordinate with APCO to establish frequency coordination and FCC license applications for the relocation of the 800MHz P25 Public Safety Radio Communications System and any existing County-owned VHF and UHF radio systems to be determined during Task 1.

The County will be responsible for paying the frequency coordination's fees for such work. OCG will provide the frequency coordinators with the technical details necessary to perform its work. OCG will review the work products by the frequency coordinators for accuracy and provide an approval to the County for the frequency coordinators to proceed with the frequency coordination and licensing.

3.1.2. Region 9 CAPRAD Coordination

OCG will work with the County to develop all the required documentation required by Region 9 to allow for the relocation of the existing 800MHz P25 Public Safety Radio Communications System frequencies to the new tower location.

The County will be responsible for paying the frequency coordination's fees for such work. OCG will provide the frequency coordinators with the technical details necessary to perform its work. OCG will review the work products by the frequency coordinators for accuracy and provide an approval to the County for the frequency coordinators to proceed with the frequency coordination and licensing.

4. Microwave Path Engineering / Antennas and Transmission Line Implementation Support

4.1. Relocated 6GHz Paths

4.1.1. Microwave Path Engineering

OCG will complete the necessary preliminary MW path engineering with regards to the existing 6GHz microwave paths that will be relocated to the newly constructed South EMS tower (S-7). This will include South EMS (S-7) to Boynton Beach (S-11) and South EMS (S-7) to Glades Road (S-8).

4.1.2. Microwave Physical Path Survey

OCG will complete a physical path survey of the proposed 6GHz relocated paths along with the use of Google Earth to perform a virtual inspection of the proposed paths to determine if any potential obstructions are present.

4.2. New Antennas and Transmission Lines

4.2.1. Develop Scope of Work

OCG will develop technical specifications for the procurement and installation of the new antennas and transmission lines for the RF and microwave systems to be relocated to the new South EMS tower (S-7).

4.2.2. Detail Design Review Meeting

A Detailed Design Review (DDR) will be conducted with the County and the chosen Vendor to thoroughly discuss their proposed plans for antenna and line installation and configuration prior to the ordering and manufacturing of equipment. OCG will review all equipment submittals and any request for substitution in this phase of the implementation. The DDR document identifies all required equipment, equipment locations, system diagrams and any customization as required by the County. OCG will review the chosen vendor's initial draft of the DDR document and participate in project meetings and discussions to finalize the document.

4.2.3. Antenna and Transmission Line Installation Oversight

OCG will oversee the installation of the new antennas, waveguides and transmission lines on the new tower. OCG will verify the work is being performed in accordance with industry standards and practices. OCG will review photographs, on-site, of the tower mounted installations and provide direction to the County's Contractor to correct any noted deficiencies. OCG will oversee the testing of the antennas, waveguides and transmission lines. OCG will review the test results.

4.2.4. Antenna and Transmission Line Installation Inspection

OCG will subcontract with Tower Engineering Professionals, Inc. to inspect the installation performed by the County's Contractor to determine whether the antennas, transmission lines and antenna mounts have been installed in substantial compliance with the manufacturer's drawings. A sealed inspection report by a Tower Structural Engineer, PE licensed in the State of Florida outlining the results of the inspection will be provided.

5. Equipment Migration Phase

5.1. Best Practices for Relocation of Systems

OCG will develop a best practices document for the relocation and or installation of new communications systems that considers the minimization of system downtime. The best practices document will provide high-level concepts as well as provide task-by-task cutover plans for the relocation of the Aviat IRU-600 microwave radios, the installation of new 800MHz Motorola P25 Public Safety Radio Communications System hardware and any existing County-owned VHF and UHF radio systems to be determined during the initial phases of this project and any existing ancillary system such as the -48 VDC battery system, the MOSCAD system, etc.

The best practices document will include recommendations such as before and after signal strength and BER measurement of the microwave system, before and after combiner output power of the P25 radio system, a basic DC System test (systems operating on DC and switched back to commercial power) to ensure the system is working accordingly, as well as a PM of the site after completion of the relocation.

The task-by-task cutover plan will be suitable for use by the County as a Scope of Work for Motorola to perform the cutover.

5.2. Develop Scope of Work

OCG will assist the County in the preparation of the necessary SOW documents to be provided to Motorola. This document will include the technical scope of work required for Motorola to complete the required equipment migration and or installation of new hardware as identified in the initial phases of this project.

The document will also include but not limited to, factory acceptance testing requirements, functional and field acceptance testing requirements, training, and system maintenance requirements.

5.2.1. Detail Design Review Meeting

A Detailed Design Review (DDR) will be conducted with Motorola to thoroughly discuss their proposed plans for system migration and or new system configuration prior to the ordering and manufacturing of equipment and software. OCG will review all equipment submittals and any request for substitution in this phase of the implementation. The DDR document identifies all required equipment, equipment locations, software, system diagrams and any customization as required by the County. OCG will review Motorola's initial draft of the DDR document and participate in project meetings and discussions to finalize the document.

5.3. FCC Frequency Coordination Oversight (Optional)

OCG will coordinate with Motorola on all microwave licensing efforts. As part of Motorola's SOW they will establish frequency coordination and FCC license applications for the relocation of the Aviat IRU-600 microwave radios.

5.4. Coverage Propagation Studies (Optional)

5.4.1. OCG Developed Coverage Prediction Studies

OCG will utilize its coverage prediction software ComSite Desing along with relevant system parameters to develop coverage prediction maps from the new South EMS tower location. This will be compared to coverage prediction models of the existing site. This



information will be utilized to determine if any system parameters need to be modified to maintain the County's existing level of coverage in the area of interest.

5.4.2. Motorola Developed Coverage Prediction Studies (Optional)

OCG will coordinate with Motorola in the request for Motorola to also develop coverage prediction maps based on the existing site and with the new South EMS tower location. This information will be important in determining if any system parameters such as simulcast launch delays need to be modified to maintain the County's existing level of coverage in the area of interest. OCG will review and comment on the final coverage prediction studies provided to the County by Motorola.

5.5. Cutover Oversight

5.5.1. Coordinate Pre-Cutover Testing

OCG will coordinate with the County to have Motorola record microwave and radio equipment signal strength levels and BER levels before system cutover. These measurements shall be performed in advance of system cutover date to verify that equipment is in good operating condition. Should an issue be discovered, the County will correct the deficiencies and retest the systems.

5.5.2. Cutover Monitoring and Testing

OCG will oversee the cutover and relocation of equipment from the existing shelter and or installation on new equipment to the new shelter. Prior to cutover, Motorola shall perform a signal strength and BER measurement to verify that no parameters have changed since the pre-cutover testing. Motorola shall also perform a combiner output power of the P25 radio system. OCG will be on-site to witness the test measurements.

Upon successful completion of testing, OCG will provide the County with a recommendation to proceed and will monitor the relocation of the equipment to the new shelter. OCG will inspect each piece of equipment to ensure that it is properly secured for transport and, upon installation, properly secured and grounding. OCG will inspect the connection of the equipment to the antenna systems and, for pressurized waveguide, verify that the installation is leak-free.

OCG will monitor the alignment of the microwave antennas by Motorola. OCG will notify Motorola of any deficiencies found during the testing.

Upon completion of the installation, Motorola shall perform signal strength and BER measurements, combiner output power of the P25 radio system, a basic DC System test (systems operating on DC and switched back to commercial power) to ensure the system is working accordingly and to verify that the parameters are comparable to those prior to relocation of the equipment. Any deficiencies will be noted to the County and Motorola. Upon successful resolution of deficiencies, OCG will provide a letter of approval to the County for the work completed by Motorola.



6. Existing South EMS Communications Site Demo Support

6.1. Site Visit

OCG will complete a survey of the existing South EMS communications site to capture in detail all the items that will need to be removed from the communications site once the County has relocated all existing communications equipment to the new South EMS tower.

6.2. Develop Scope of Work

OCG will develop technical specifications for the procurement of demolition services from qualified contractors. The ultimate requirement will be to return each site to its condition prior to the construction of the communications sites.

6.3. Final Site Inspection

Following final completion of the demo by the contractor OCG will make final site inspections to ensure that all work has been completed per the contract documents



7. Project Administration

7.1. Project Oversight and Change Management

OCG will keep the County informed of the progress and quality of work based on site observations and will endeavor to guard the County against defects and deficiencies in the work.

OCG will immediately notify the contractor and County should we become aware of work of any contractor or subcontractor that does not conform to the work or quality required by the construction contract. OCG will provide data as necessary to inform the County of the degree of deviation from contract requirements, the cause thereof, the impact on schedule and cost, if known, and a recommended course of action.

OCG will review requests for information and County requests for change and respond in a timely manner. OCG will develop field bulletins as appropriate and evaluate subsequent contractor proposals and provide the County with a written recommendation regarding acceptance or rejection.

OCG will prepare its own estimate of costs for proposed changes, compare it with the contractor's proposal, and negotiate a reasonable price. OCG will state in its transmittal letter to the County the following: a brief description of the change, the reason for the change, OCG's estimate for the change, results of negotiations with the contractor regarding his price, and a statement that OCG has reviewed the contractor's proposal and recommends the change.

7.2. Project Progress Reports and Teleconferences

Following construction site visits, OCG will make routine status reports of activities on the Project in a format approved by the County. These reports will be submitted within five (5) days of the site visit by OCG.

OCG will participate in project teleconferences to ensure the County is up to date on the project's progress

7.3. Payment Application Reviews

Based upon site observations, OCG will determine the amounts owing the contractor and recommend to the County, in writing, payment to the contractor. OCG will process contractor's payment application in accordance with the Florida Prompt Payment act.



SCHEDULE

OCG will begin work on this project immediately upon NTP from the County. OCG estimates that the project will take approximately 2 to 2.5 years to complete.

PRICING

Please see the attached fee proposal for pricing. OCG used its standard billing rate for labor per the existing Palm Beach County continuing services contract. Per diem is billed at \$525 per day to cover lodging, food, rental car and fuel. \$750 per trip is included to cover round trip airfare.

	OCG	TEP	Total
South EMS 800MHz Tower Replacement Support Project	\$464,982.88	\$11,750.00	\$476,732.88

Please call me on my cell phone (850) 212-4475 with any questions.

Sincerely,



Chris Monzingo, P.E., PMP
Vice President



Fee Breakdown

South EMS 800 MHz Tower Replacement Support Proposal		OCG					TEP	Total	
		Hours	\$ 180.16	Per-Diem	\$ 525.00	Airfare	\$ 750.00		Specialized Services
1 Design Phase									
1.1	City of Delray Beach Zoning Support	80	\$ 14,412.80	4	\$ 2,100.00	2	\$ 1,500.00	\$ -	\$ 18,012.80
1.2	Constuction Documents								
1.2.1 Schematic Design Phase									
1.2.1.1	Design Kick-Off Meeting	8	\$ 1,441.28	2	\$ 1,050	1	\$ 750.00	\$ -	\$ 3,241.28
1.2.1.2	Design Intent Report	40	\$ 7,206.40		\$ -		\$ -	\$ -	\$ 7,206.40
1.2.1.3	Site Visit	8	\$ 1,441.28	1	\$ 525		\$ -	\$ -	\$ 1,966.28
1.2.1.4	Site Survey and Mapping	2	\$ 360.32		\$ -		\$ -	\$ -	\$ 360.32
1.2.1.5	Geotechnical Investigation	4	\$ 720.64		\$ -		\$ -	\$ 4,750.00	\$ 5,470.64
1.2.1.6	Submit Schematic Design Documents	64.995555	\$ 11,709.60		\$ -		\$ -	\$ -	\$ 11,709.60
1.2.1.7	Schematic Design Review Meeting	8	\$ 1,441.28	2	\$ 1,050	1	\$ 750.00	\$ -	\$ 3,241.28
1.2.2	50% Construction Documents								
1.2.2.1	Develop 50% Construction Documents	83.867673	\$ 15,109.60		\$ -		\$ -	\$ -	\$ 15,109.60
1.2.2.2	Participate in 50% Construction Document Review Meeting	8	\$ 1,441.28	2	\$ 1,050	1	\$ 750.00	\$ -	\$ 3,241.28
1.2.3	95% Construction Documents								
1.2.3.1	Develop 95% Construction Documents	57.761989	\$ 10,406.40		\$ -		\$ -	\$ -	\$ 10,406.40
1.2.3.2	Participate in 95% Construction Document Review Meeting	8	\$ 1,441.28	2	\$ 1,050	1	\$ 750.00	\$ -	\$ 3,241.28
1.2.4	100% Construction Documents								
1.2.4.1	Adjstut Design in Event of Changes Due to Final Approval of Site Plan	37.761989	\$ 6,803.20		\$ -		\$ -	\$ -	\$ 6,803.20
1.2.4.2	Produce 100% Construction Documents	20	\$ 3,603.20		\$ -		\$ -	\$ -	\$ 3,603.20
1.2.5	Outside Agency Permitting								
1.2.5.1	Federal Aviation Administration	8	\$ 1,441.28		\$ -		\$ -	\$ -	\$ 1,441.28
1.2.5.2	Federal Communications Commission	8	\$ 1,441.28		\$ -		\$ -	\$ -	\$ 1,441.28
1.3	Project Management Reports and Teleconferences	60	\$ 10,809.60		\$ -		\$ -	\$ -	\$ 10,809.60
2 Construction Administration Phase									
2.1	Submittal/Shop Drawings Review, Comment, Approve								
2.1.1	Tower Structural Plans	10	\$ 1,801.60		\$ -		\$ -	\$ -	\$ 1,801.60
2.1.2	Shelter Design	40	\$ 7,206.40		\$ -		\$ -	\$ -	\$ 7,206.40
2.1.3	Foundations	10	\$ 1,801.60		\$ -		\$ -	\$ -	\$ 1,801.60
2.1.4	Grounding	8	\$ 1,441.28		\$ -		\$ -	\$ -	\$ 1,441.28
2.1.5	Generator/Fuel Tank	2	\$ 360.32		\$ -		\$ -	\$ -	\$ 360.32
2.1.6	Electrical	2	\$ 360.32		\$ -		\$ -	\$ -	\$ 360.32
2.1.7	UPS/48VDC	2	\$ 360.32		\$ -		\$ -	\$ -	\$ 360.32
2.1.8	Fencing and Compound	2	\$ 360.32		\$ -		\$ -	\$ -	\$ 360.32
2.1.9	Concrete Design Mix Density Verification	2	\$ 360.32		\$ -		\$ -	\$ -	\$ 360.32
2.2	Construction Tasks								
2.2.1	Site Prep			3	\$ 1,575.00	1	\$ 750.00		\$ 2,325.00
2.2.1.1	Staking and Grading (Inspect)	16	\$ 2,882.56		\$ -		\$ -	\$ -	\$ 2,882.56
2.2.1.2	Access, Parking, Staging (Inspect)	3	\$ 540.48		\$ -		\$ -	\$ -	\$ 540.48
2.2.1.3	Utility Connection Conduit/Cable Installation (Inspect)	2	\$ 360.32		\$ -		\$ -	\$ -	\$ 360.32
2.2.1.4	Communications Conduit/Cable Installation (Inspect)	2	\$ 360.32		\$ -		\$ -	\$ -	\$ 360.32
2.2.2	Tower Erection								
2.2.2.1	Foundation Drill (Inspect)	24	\$ 4,323.84	5	\$ 2,625	1	\$ 750.00	\$ -	\$ 7,698.84
2.2.2.2	Foundation Place Concrete (Observe)	24	\$ 4,323.84		\$ -		\$ -	\$ -	\$ 4,323.84
2.2.2.3	Concrete Cure and Test	2	\$ 360.32		\$ -		\$ -	\$ -	\$ 360.32
2.2.2.4	Tower Assembly (Inspect)	40	\$ 7,206.40	5	\$ 2,625	1	\$ 750.00	\$ -	\$ 10,581.40
2.2.2.5	Tower Inspection	4	\$ 720.64		\$ -		\$ -	\$ 4,000.00	\$ 4,720.64
2.2.3	Shelter Installation								
2.2.3.1	Inspection at Manufacturer (Inspect)	40	\$ 7,206.40	3	\$ 1,575	1	\$ 750.00	\$ -	\$ 9,531.40
2.2.3.2	Shelter and Generator Foundation (Inspect)	2	\$ 360.32	2	\$ 1,050	1	\$ 750.00	\$ -	\$ 2,160.32
2.2.3.3	Shelter Installation (Observe)	8	\$ 1,441.28	2	\$ 1,050	1	\$ 750.00	\$ -	\$ 3,241.28
2.2.3.4	Ice Bridge Installation (Inspect)	2	\$ 360.32		\$ -		\$ -	\$ -	\$ 360.32
2.2.3.5	Shelter Inspection and Testing (Inspect)	32	\$ 5,765.12	4	\$ 2,100	1	\$ 750.00	\$ -	\$ 8,615.12
2.2.4	Electric Utility			2	\$ 1,050.00	1	\$ 750.00		\$ 1,800.00
2.2.4.1	Set Transformer Pad and Electrical Service (Inspect)	2	\$ 360.32		\$ -		\$ -	\$ -	\$ 360.32
2.2.4.2	Set Transformer and Meter (Inspect)	2	\$ 360.32		\$ -		\$ -	\$ -	\$ 360.32
2.2.4.3	Connect Utility to Transformer (Inspect)	2	\$ 360.32		\$ -		\$ -	\$ -	\$ 360.32
2.2.4.4	Electrical Inspection (Observe)	2	\$ 360.32		\$ -		\$ -	\$ -	\$ 360.32
2.2.4.5	Connection of Electrical to Shelter (Inspect)	2	\$ 360.32		\$ -		\$ -	\$ -	\$ 360.32
2.2.5	Generator and Fuel tank			3	\$ 1,575.00	1	\$ 750.00		\$ 2,325.00
2.2.5.1	Generator and Fuel Tank Installation (Inspect)	2	\$ 360.32		\$ -		\$ -	\$ -	\$ 360.32
2.2.5.2	Generator and Fuel Tank Inspection and Testing (Inspect)	16	\$ 2,882.56		\$ -		\$ -	\$ -	\$ 2,882.56
2.2.6	Site Grounding								
2.2.6.1	Grounding Inspection and Testing (Inspect)	40	\$ 7,206.40	4	\$ 2,100	2	\$ 1,500.00	\$ -	\$ 10,806.40
2.2.7	Compound			2	\$ 1,050.00	1	\$ 750.00		\$ 1,800.00
2.2.7.1	Fencing (Inspect)	2	\$ 360.32		\$ -		\$ -	\$ -	\$ 360.32
2.2.7.2	Fence Grounding (Inspect)	2	\$ 360.32		\$ -		\$ -	\$ -	\$ 360.32
2.2.7.3	Weed Fabric / Gravel (Inspect)	2	\$ 360.32		\$ -		\$ -	\$ -	\$ 360.32
2.3	Closeout								
2.3.1	Substantial Completion and Punchlist Items (Inspect)	32	\$ 5,765.12	3	\$ 1,575	1	\$ 750.00	\$ -	\$ 8,090.12
2.3.2	Final Inspection (Inspect)	32	\$ 5,765.12	3	\$ 1,575	1	\$ 750.00	\$ -	\$ 8,090.12
2.3.3	As-Builts	53.876554	\$ 9,706.40		\$ -		\$ -	\$ -	\$ 9,706.40
2.3.4	Close-out Documentation	40	\$ 7,206.40		\$ -		\$ -	\$ -	\$ 7,206.40

3 Frequency Migration Phase									
3.1	FCC Licensing								
3.1.1	Licensed LMR Systems	40	\$ 7,206.40		\$ -		\$ -	\$ -	\$ 7,206.40
3.1.2	Region 9 CAPRAD Coordination	80	\$ 14,412.80		\$ -		\$ -	\$ -	\$ 14,412.80
4 Microwave Path Engineering - A&L Implementaton Support									
4.1	Relocated 6 GHz Paths								
4.1.1	Microwave Path Engineering	24	\$ 4,323.84		\$ -		\$ -	\$ -	\$ 4,323.84
4.1.2	Microwave Physical Path Survey	16	\$ 2,882.56	2	\$ 1,050	1	\$ 750.00	\$ -	\$ 4,682.56
4.2	New Antennas and Transmission Lines								
4.2.1	Develop Scope of Work	40	\$ 7,206.40		\$ -		\$ -	\$ -	\$ 7,206.40
4.2.2	Detail Design Review Meeting	40	\$ 7,206.40		\$ -		\$ -		\$ 7,206.40
4.2.3	Antenna and Transmission Line Installation Oversight	40	\$ 7,206.40	5	\$ 2,625	1	\$ 750.00	\$ -	\$ 10,581.40
4.2.4	Antenna and Transmission Line Installation Inspection	16	\$ 2,882.56		\$ -		\$ -	\$ 3,000.00	\$ 5,882.56
5 Equipment Migration Phase									
5.1	Best Practices for Relocation of Systems	40	\$ 7,206.40		\$ -		\$ -	\$ -	\$ 7,206.40
5.2	Develop Scope of Work	40	\$ 7,206.40		\$ -		\$ -	\$ -	\$ 7,206.40
5.2.1	Detailed Design Review Meeting	40	\$ 7,206.40	5	\$ 2,625	1	\$ 750.00	\$ -	\$ 10,581.40
5.3	FCC Frequency Coordination Oversight	20	\$ 3,603.20		\$ -		\$ -	\$ -	\$ 3,603.20
5.4	Coverage Prediction Studies								
5.4.1	OCG Developed Coverage Prediction Studies	32	\$ 5,765.12		\$ -		\$ -	\$ -	\$ 5,765.12
5.4.2	Motorola Developed Coverage Prediction Studies	16	\$ 2,882.56		\$ -		\$ -	\$ -	\$ 2,882.56
5.5	Cutover Oversight								
5.5.1	Coordinate Pre-Cutover Testing	80	\$ 14,412.80	2	\$ 1,050	1	\$ 750.00	\$ -	\$ 16,212.80
5.5.2	Cutover Monitoring and Testing	100	\$ 18,016.00	10	\$ 5,250	3	\$ 2,250.00	\$ -	\$ 25,516.00
6 Existing South EMS Communications Site Demo Support									
6.1	Site Visit	4	\$ 720.64	2	\$ 1,050	1	\$ 750.00	\$ -	\$ 2,520.64
6.2	Develop Scope of Work	24	\$ 4,323.84		\$ -		\$ -	\$ -	\$ 4,323.84
6.3	Final Site Inspections	8	\$ 1,441.28	2	\$ 1,050	1	\$ 750.00	\$ -	\$ 3,241.28
7 Project Administration									
7.1	Project Oversight and Change Management	320	\$ 57,651.20		\$ -		\$ -	\$ -	\$ 57,651.20
7.2	Project Progress Reports and Teleconferences	144	\$ 25,943.04		\$ -		\$ -	\$ -	\$ 25,943.04
7.3	Payment Application Reviews	40	\$ 7,206.40		\$ -		\$ -	\$ -	\$ 7,206.40
Totals:		2221.26376	\$ 400,182.88	82	\$ 43,050.00	29	\$ 21,750.00	\$ 11,750.00	\$ 476,732.88

TEP

A. SOUTH EMS

The South County EMS site is located at 345 South Congress Ave. Delray Beach, FL 33444 (26:27:16.0 N 80:05:29.0 W).

Project Scope:

Replace existing 300ft tower and shelter with another 300ft tower and a new shelter of same dimensions. Add a 75KW diesel generator with 500 gallons belly tank. Replacement tower and shelter are to be in the same location.

Requested Tasks:

Design Phase

1. Private locate for utilities
2. Geotechnical investigation (report) - Single 100ft soil boring at center of tower

Task	Description	Cost
1.1	Private locate for utilities	\$900.00
1.2	Geotechnical investigation report	\$3,850.00

Construction Administration Phase

1. Tower Inspection by P.E.
 - a. Perform inspection of assembled tower for conformance with approved tower design (i.e., make sure it's built correctly), verify structure height and plumbness. Submit report in writing, signed and sealed.
2. Antenna and TX Line Inspection
 - a. Perform inspection of installed transmission lines and antennas on the new tower structure. Submit report in writing, with findings.

Task	Description	Cost
2.3	Tower construction inspection report	\$4,000.00
2.4	Antenna and TX Line Inspection	\$3,000.00

OEBO SCHEDULE 1*

SOLICITATION/PROJECT/BID NAME: South County EMS 800 MHZ Tower Replacement

SOLICITATION/PROJECT/BID NO.: P-2026-000010

SOLICITATION OPENING/SUBMITTAL DATE: January 7, 2026

COUNTY DEPARTMENT: ESS/CID

Section A PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME CONTRACTOR/CONSULTANT* ON THE PROJECT:

NAME OF PRIME RESPONDENT/BIDDER: Omnicom Consulting Group, Inc.

ADDRESS: 7788 McClure Drive Tallahassee, FL 32312

CONTACT PERSON: Chris Monzingo

PHONE NO.: 850-212-4475

E-MAIL: cmonzingo@ocg-usa.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$464,982.88

SBE Prime's must include their percentage or dollar amount in the Total Participation line under section B.

Non-SBE

SBE

Section B PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SUBCONTRACTORS/SUBCONSULTANTS ON THE PROJECT BELOW:

Subcontractor/Sub consultant Name	(Check all Applicable Categories)		DOLLAR AMOUNT OR PERCENTAGE OF WORK
	Non-SBE	SBE	
1. TEP OPCO, LLC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	\$11,750.00
2.	<input type="checkbox"/>	<input type="checkbox"/>	_____
3.	<input type="checkbox"/>	<input type="checkbox"/>	_____
4.	<input type="checkbox"/>	<input type="checkbox"/>	_____
5.	<input type="checkbox"/>	<input type="checkbox"/>	_____

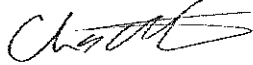
(Please use additional sheets if necessary)

Total Bid/Offer Price \$ 476,732.88

Total \$11,750.00

Total Certified SBE Participation \$ 0.00

I hereby certify that the above information is accurate to the best of my knowledge:



Vice President

Name & Authorized Signature

Title

- Note:**
- The amount listed on this form for a Subcontractor/sub consultant must be supported by price or percentage listed on the properly executed Schedule 2 or attached signed proposal.
 - Only those firms certified by Palm Beach County at the time of solicitation due date are eligible to meet the established OEBO Affirmative Procurement Initiative (API). Please check the applicable box and list the dollar amount or percentage under the appropriate demographic category.
 - Modification of this form is not permitted and will be rejected upon submittal.
 - If a Mandatory API goal applies, failure to submit a properly executed Schedule 2 will result in a determination of non-responsiveness to the solicitation.

*Revised 6.5.2025 pursuant to Emergency Ordinance 2025-014, approved on June 3, 2025

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. All Subcontractors/subconsultants, including any tiered Subcontractors/ subconsultants, must properly execute this document. If a Mandatory API goal applies, failure to submit a properly executed Schedule 2 will result in a determination of non-responsiveness to the solicitation. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: P-2026-000010

SOLICITATION/PROJECT NAME: South EMS 800 MHz Tower Replacement Project

Prime Contractor: Omnicom Consulting Group, Inc. Subcontractor: TEP OPCO, LLC

(Check box(s) that apply)

SBE Non-SBE Supplier

Date of Palm Beach County Certification (if applicable): _____

SBE PARTICIPATION – SBE Primes must document all work to be performed by their own work force on this form. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. When applicable, identify the line item(s) associated with the service/product being supplied. SBE credit will only be given for the areas in which the SBE is certified. A detailed quote/proposal may be attached to a properly executed Schedule 2 for additional information.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Private locate for utilities	\$900.00	1	.	\$900.00
2	Geotechnical investigation report	\$3,850.00	1		\$3,850.00
3	Tower construction inspection report	\$4,000.00	1		\$4,000.00
4	Antenna and TX line inspection report	\$3,000.00	1		\$3,000.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$11,750.00

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

N/A Price or Percentage: N/A

Name of 2nd/3rd tier Subcontractor/subconsultant _____

Omnicom Consulting Group, Inc.

Print Name of Prime

By: 

Authorized Signature

Chris Monzingo

Print Name

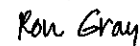
Vice President

Title

Date: 11/13/2025

TEP OPCO, LLC

Print Name of Subcontractor/subconsultant

By: 

Authorized Signature

Ronald Gray

Print Name

Chief Operating Officer

Title

Date: 1/7/2026

*Revised 6.5.2025 pursuant to Emergency Ordinance 2025-014, approved on June 3, 2025

RFP ATTACHMENT E
CONFLICT OF INTEREST DISCLOSURE FORM
(Must be completed by Proposer and any subconsultants and returned with proposal)

PALM BEACH COUNTY CONFLICT OF INTEREST DISCLOSURE FORM

CONSULTANT/SUBCONSULTANT represents that it presently has no interest, either direct or indirect, which would or could conflict in any manner with the performance of services for the County, except as follows:

N/A


(Attach additional sheets as needed.)

CONSULTANT/SUBCONSULTANT further represents that no person having any interest shall be employed for said performance. By signing below, CONSULTANT/SUBCONSULTANT certifies that the information contained herein is true and correct and constitutes all current potential conflicts of interest which may influence or appear to influence CONSULTANT/SUBCONSULTANT'S judgment or quality of services being provided to the County.

CONSULTANT/SUBCONSULTANT shall promptly notify the COUNTY in writing by certified mail of all potential conflicts of interest that may arise in the future through any prospective business association, interest or other circumstance which may influence or appear to influence CONSULTANT/SUBCONSULTANT'S judgment or quality of services being provided to the County. Such written notification shall identify the prospective business association, interest or circumstance, the nature of work that CONSULTANT/SUBCONSULTANT may undertake and request an opinion of the COUNTY as to whether the association, interest or circumstance would, in the opinion of the COUNTY, constitute an unacceptable conflict of interest if entered into by the CONSULTANT/SUBCONSULTANT.

If, in the sole opinion of the COUNTY, the prospective business association, interest or circumstance of CONSULTANT/SUBCONSULTANT would constitute an unacceptable conflict of interest to the COUNTY, the COUNTY shall so state in the notification and the CONSULTANT/SUBCONSULTANT shall not enter into said association, interest or circumstance.

This DISCLOSURE is submitted by (Name of Individual:) Tim Barrentine, PMP,
as (Title/Position:) President of (Name of Firm:) Omnicom Consulting Group, Inc. who hereby certifies that any misrepresentation by the CONSULTANT/SUBCONSULTANT on this Disclosure is considered an unethical business practice and is grounds for sanctions against future County business with the CONSULTANT/SUBCONSULTANT.



Signature
12/10/2024

Date

RFP ATTACHMENT E
CONFLICT OF INTEREST DISCLOSURE FORM
(Must be completed by Proposer and any subconsultants and returned with proposal)

PALM BEACH COUNTY CONFLICT OF INTEREST DISCLOSURE FORM

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N/A

(Attach additional sheets as needed.)

CONSULTANT/SUBCONSULTANT further represents that no person having any interest shall be employed for said performance. By signing below, CONSULTANT/SUBCONSULTANT certifies that the information contained herein is true and correct and constitutes all current potential conflicts of interest which may influence or appear to influence CONSULTANT/SUBCONSULTANT'S judgment or quality of services being provided to the County.

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If, in the sole opinion of the COUNTY, the prospective business association, interest or circumstance of CONSULTANT/SUBCONSULTANT would constitute an unacceptable conflict of interest to the COUNTY, the COUNTY shall so state in the notification and the CONSULTANT/SUBCONSULTANT shall not enter into said association, interest or circumstance.

This DISCLOSURE is submitted by (Name of Individual:) John Goins, as (Title/Position:) Director - Government Projects of (Name of Firm:) TEP OPCO, LLC who hereby certifies that any misrepresentation by the CONSULTANT/SUBCONSULTANT on this Disclosure is considered an unethical business practice and is grounds for sanctions against future County business with the CONSULTANT/SUBCONSULTANT.



Signature

12/4/2024
Date

CONTRACT EXHIBIT G
NONGOVERNMENTAL ENTITY HUMAN TRAFFICKING AFFIDAVIT
Section 787.06(13), Florida Statutes

THIS AFFIDAVIT MUST BE SIGNED AND NOTARIZED

I, the undersigned, am an officer or representative of Omnicom Consulting Group, Inc.
(Consultant) and attest that Consultant does not use coercion for labor or services as defined in
section 787.06, Florida Statutes.

Under penalty of perjury, I hereby declare and affirm that the above stated facts are true
and correct.

Tim Barrentine
(signature of officer or representative)

Tim Barrentine, President
(printed name and title of officer or representative)

State of Florida, County of Palm Beach

Sworn to and subscribed before me by means of physical presence or online notarization
this, 5th day of March, 2025, by Tim Barrentine.

Personally known OR produced identification .

Type of identification produced Driver License.

[Signature]
NOTARY PUBLIC
My Commission Expires January 30, 2027
State of Florida at large



June 24, 2025



Mr. Chris Monzingo, Vice President
Omnicom Consulting Group, Inc.
7788 McClure Drive
Tallahassee, FL 32308
cmonzingo@ocg-usa.com

Facilities Development &
Operations Department
Capital Improvements Division

2633 Vista Parkway
West Palm Beach, FL 33411
Telephone - (561) 233-0261
www.pbc.gov/fdo

**Palm Beach County
Board of County
Commissioners**

Maria G. Marino, Mayor

Sara Baxter, Vice Mayor

Gregg K. Weiss

Joel G. Flores

Marci Woodward

Maria Sachs

Bobby Powell Jr.

**Interim
County Administrator**

Todd J. Bonlarron

"An Equal Opportunity Employer"

Re: Contract # R2025-0602
Consulting Services/Design Professional on a Continuing Contract
Basis
Notification of Contract Clauses No Longer Being Enforced Pursuant
to Emergency Ordinance 2025-014

Dear Mr. Monzingo,

On June 3, 2025, the Board of County Commissioners (BCC) approved an emergency ordinance to suspend the race and gender conscious provisions of the County's EBO ordinance. The suspension will remain in effect for two years or until further direction by the BCC, whichever comes first. As a result, the provisions relating to minority/women-owned business enterprise (M/WBEs) participation contained on section 8.6 of contract number R2025-0602 **will not be enforced** as of June 3, 2025, only the small business enterprise (SBE) provisions will apply.

Please sign below to acknowledge receipt of this notification. This acknowledgement will be included, and made part of, the contract file.

Should you require any additional information please contact Capital Improvements Division at 561-233-0261.

Cordially,

Fernando Del Dago, Director,
Capital Improvements Division

Receipt Acknowledged and In Agreement:

Omnicom Consulting Group, Inc.

6/24/2025

Date

C: Mark Broderick, Business Operations Division Director
Shethal Sinanan, CID Contract Manager
Luisa Ditosti, CID Contract Analyst