

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

Meeting Date: February 11, 2025

Consent                     Regular  
 Workshop                     Public Hearing

Department: Facilities Development & Operations

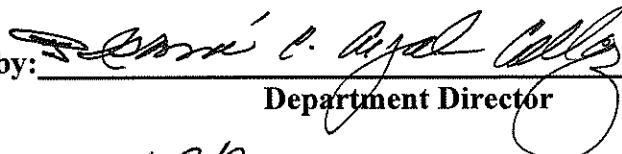
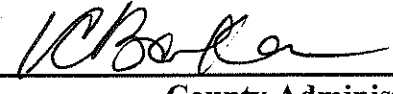
**I. EXECUTIVE BRIEF**

**Motion and Title: Staff recommends motion to approve:** Supplement No. 1 to Consultant Services Authorization (CSA) No. 10 to the continuing consulting services/design professional services contract for public safety radio system planning and design services (R2019-1897)(Contract) with Omnicom Consulting Group, Inc. (Consultant) in the amount of \$455,090 for the West County Communications Tower Site Replacement project.

**Summary:** On December 17, 2019, the Board of County Commissioners (BCC) approved the Contract with Consultant to provide engineering and management services to upgrade, maintain, operate and make modifications to the public safety radio system throughout the County on an as needed basis. This item will authorize the professional services necessary for the West County Communications Tower Site Replacement project. CSA No. 10 authorized professional services necessary for the design of a 400-foot self-supporting tower, equipment shelter, communications compound and emergency power systems for the West County Communications Tower Site Replacement project. Under Supplement No. 1 to CSA No. 10, the Consultant will provide professional services which include construction administration and site migration phase support services necessary for the relocation of two (2) County communication sites to the new 400 foot self-supporting tower and equipment shelter for the West County Communications Tower Site Replacement project. Work includes, but is not limited to, the construction procurement and administration services, frequency migration and coordination propagation studies, FCC licensing, antenna and lines design, equipment migration, Motorola coverage studies, cut over of system, and demolition support of the existing sites. The existing West County Communications Tower Site structure is leased, no longer meets County standards for the public safety radio system, and provides no certainty of critical communication operational continuity into the future. This design will deliver a County-owned communications tower at the West County Administrative Complex in unincorporated Belle Glade, in accordance with the BCC and State approved Master Plan for the property, to serve the western communities. This continuing contract was solicited pursuant to the requirements of the Equal Business Opportunity (EBO) Ordinance. This continuing contract was presented to the Goal Setting Committee (GSC) on May 1, 2019 and the GSC established an Affirmative Procurement Initiative of a Small Business Enterprise (SBE) Evaluation Preference for SBE prime respondents during selection. No mandatory SBE subcontracting goal was applied by the GSC to this continuing contract due to the specialized nature of the services to be performed. To date, there is no SBE participation on the contract due to the specialized nature of the services and no subconsultant opportunities. Funding for this project is from the RR&I for 800 Mhz Sys. **(Capital Improvements Division) District 6 (MWJ)**

**Background & Justification: (Continued on Page 3)**

- Attachments:**
1. Budget Availability Statement
  2. Supplement No. 1 to CSA No. 10
  3. CSA History

<b>Recommended by:</b>	 _____ Department Director	1/7/25 _____ Date
<b>Approved by:</b>	 _____ County Administrator	1/17/25 _____ Date

**II. FISCAL IMPACT ANALYSIS**

**A. Five Year Summary of Fiscal Impact:**

Fiscal Years	2025	2026	2027	2028	2029
Capital Expenditures	\$455,090	_____	_____	_____	_____
Operating Costs	_____	_____	_____	_____	_____
External Revenues	_____	_____	_____	_____	_____
Program Income (County)	_____	_____	_____	_____	_____
In-Kind Match (County)	_____	_____	_____	_____	_____
<b>NET FISCAL IMPACT</b>	<u>\$455,090</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
# ADDITIONAL FTE POSITIONS (Cumulative)	_____	_____	_____	_____	_____

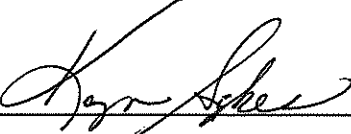
Is Item Included in Current Budget: Yes   X   No \_\_\_\_\_  
 Is this item using Federal Funds? Yes \_\_\_\_\_ No   X    
 Is this item using State Funds? Yes \_\_\_\_\_ No   X  

**Budget Account No:**

<u>Fund</u> 3801	<u>Dept</u> 411	<u>Unit</u> B653	<u>Object</u> 6505
PROFESSIONAL SERVICES		\$455,090.00	
STAFF COSTS		\$ 0.00	
CONTINGENCY		<u>\$ 0.00</u>	
TOTAL		\$455,090.00	

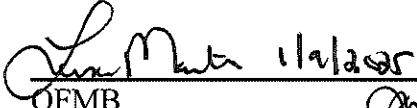

**B. Recommended Sources of Funds/Summary of Fiscal Impact:**

Funding for this project is from the RR&I for 800 Mhz Sys.

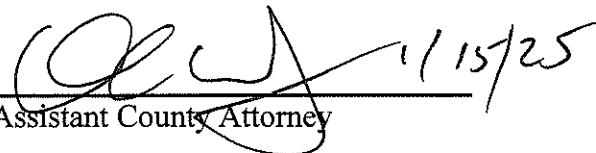
C. Departmental Fiscal Review: 

**III. REVIEW COMMENTS**

**A. OFMB Fiscal and/or Contract Development Comments:**

 11/2/25  
 OFMB  
 1/14/25  
 Contract Development and Control  
 26, 1.10.25

**B. Legal Sufficiency:**

 1/15/25  
 Assistant County Attorney

**C. Other Department Review:**

\_\_\_\_\_  
 Department Director

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

**Background & Justification:** On November 8, 2019, the design professional was selected pursuant to Section 287.055, Florida Statutes, the Consultants' Competitive Negotiation Act. CSA No. 10 authorized professional services necessary for the construction of a 400-foot self-supporting tower, equipment shelter, communications compound and emergency power systems for the West County Communications Tower Site Replacement project. This supplement will authorize the professional services necessary for the relocation of two (2) County communication sites to the new 400-foot self-supporting tower and equipment shelter for the West County Communications Tower Site Replacement project. This design will deliver a County-owned communication tower at the West County Administrative Complex in unincorporated Belle Glade, in accordance with the BCC and State approved Master Plan for the property, to serve the western communities.

**BUDGET AVAILABILITY STATEMENT**

REQUEST DATE: 11/20/2024 REQUESTED BY: Rich Avery PHONE: (561) 233-0208

PROJECT TITLE: West County Communications Tower Site Replacement  
 (Same as CIP or IST, if applicable)

ORIGINAL CONTRACT AMOUNT: \$ N/A IST PLANNING NO.: N/A  
 REQUESTED AMOUNT: \$455,090.00 BCC RESOLUTION#: R2019-1897  
 eFDO #: P-2024-005451 DATE: 12/17/19  
 CSA or ~~CHANGE ORDER~~ NUMBER: CSA #10 SUPPLEMENT NUMBER: #01

PROJECT/~~W.O.~~ NUMBER: 2024-015781  
 SERVICE LOCATION: 38811 James Wheeler Way, Belle Glade, FL  
 BUILDING NUMBER: 3027

CONSULTANT/CONTRACTOR: Omnicom Consulting Group, Inc. (Continuing Public Safety Radio Systems Consultant)

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

Professional services shall include design phase services for task related to the relocation of two County Communication Sites to the new 400 ft. self-supporting tower and equipment shelter for the West County Communication project.

CONSTRUCTION	\$0.00
PROFESSIONAL SERVICES	\$455,090.00
STAFF COST*	\$0.00
EQUIPMENT/SUPPLIES	\$0.00
ADVERTISEMENT/PERMIT FEES	\$0.00
CONTINGENCY	\$0.00
<b>TOTAL</b>	<u>\$455,090.00</u>

*\* 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 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: 800 Amount \$ \_\_\_\_\_)

Department: FD+O

BAS APPROVED BY: [Signature]

DATE 11/27/2024

ENCUMBRANCE NUMBER: \_\_\_\_\_

**SUPPLEMENT #1 TO CONSULTANT SERVICES AUTHORIZATION #10**

**OMNICOM CONSULTING GROUP, INC.**  
*(Continuing Public Safety Radio Systems Consultant)*

**WEST COUNTY COMMUNICATIONS TOWER SITE REPLACEMENT  
PROJECT NO. 2024-015781  
DISTRICT NO. 6**

**THIS SUPPLEMENT NO. 1 TO CONSULTANT SERVICES AUTHORIZATION (CSA) NO. 10** to the Contract dated 12/17/19 (R2019-1897) (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 Supplement.

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

<b>2. History:</b>	<u>CSA</u>	<u>Amount</u>	<u>Approval Date</u>	<u>Approved By</u>
	CSA #10	\$129, 440.00	11/05/2024	BCC

**3. Services completed to date:** CSA#10 allowed for the tower and shelter design, which is still in progress and has not been completed.

**4. Description of Services to be provided by Consultant:** Professional services shall include design phase services for task related to the relocation of two County Communication Sites to the new 400 ft. self-supporting tower and equipment shelter for the West County Communication project. Tasks included in this request include construction procurement & administration services, frequency migration and coordination propagation studies, FCC licensing, antenna and lines design, equipment migration, Motorola coverage studies, cut over of system and demolition support of the existing sites as detailed on the attached proposal dated October 3, 2024. 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 **\$455,090.00**.

**6. This SUPPLEMENT 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:

**E-VERIFY - EMPLOYMENT ELIGIBILITY**

*CONSULTANT warrants and represents that it is in compliance with section 448.095, Florida Statutes, as may be amended, and that it: (1) is registered with the E-Verify System (E-Verify.gov) uses the E-Verify System to electronically verify the employment eligibility of all newly hired workers; and (2) has verified that all of the CONSULTANT's subconsultants performing any duties and obligations under this Contract are registered with the E-Verify System and use the E-Verify System to electronically verify the employment eligibility of all newly hired workers.*

*CONSULTANT shall obtain from each of its subconsultants an affidavit stating that the subconsultant does not employ, contract with, or subcontract with an Unauthorized Alien, as that term is defined in section 448.095(1)(k), Florida Statutes, as may be amended. CONSULTANT shall maintain a copy of any such affidavit from a subconsultant for, at a minimum, the duration of the subcontract and any extension thereof. This provision shall not supersede any provision of this Contract, which requires a longer retention period.*

*COUNTY shall terminate this Contract if it has a good faith belief that CONSULTANT has knowingly violated Section 448.09(1), Florida Statutes as may be amended.*

*If COUNTY has a good faith belief that CONSULTANT's subconsultant has knowingly violated Section 448.09(1), Florida Statutes, as may be amended, COUNTY shall notify CONSULTANT to terminate its contract with the subconsultant and CONSULTANT shall immediately terminate its contract with the subconsultant.*

*If COUNTY terminates this Contract pursuant to the above, CONSULTANT shall be barred from being awarded a future contract by COUNTY for a period of one (1) year from the date on which this Contract was terminated. In the event of such contract termination, CONSULTANT shall also be liable for any additional costs incurred by COUNTY as a result of the termination.*

**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:**

No mandatory SBE subcontracting goal was applied by the Goal Setting Committee to this continuing contract due to the specialized nature of the services to be performed. The Consultant agreed to 15% SBE participation. SBE participation for this Supplement is 0%. When added to the Consultant's participation to date, the resulting SBE participation is 0%.

**THE REMAINDER OF THIS PAGE LEFT BLANK INTENTIONALLY**

Project No. 2024-015781

Project Name: West County Communications Tower Site Replacement

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

ATTEST:  
JOSEPH ABRUZZO, CLERK &  
COMPTROLLER

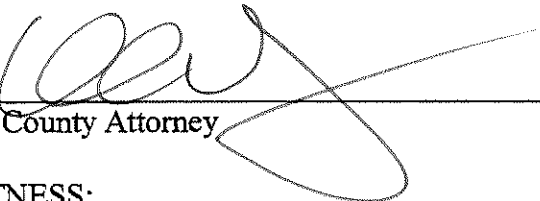
PALM BEACH COUNTY, FLORIDA,  
Political Subdivision of the State of Florida  
BOARD OF COUNTY COMMISSIONERS

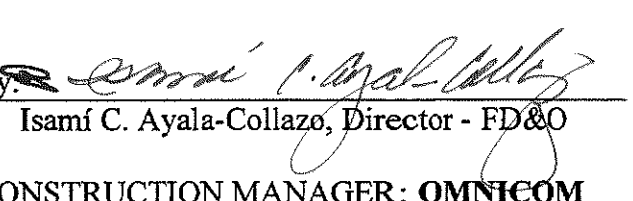
By: \_\_\_\_\_  
Deputy Clerk

By: \_\_\_\_\_  
Maria G. Marino, Mayor

APPROVED AS TO  
LEGAL SUFFICIENCY:


APPROVED AS TO TERMS  
AND CONDITIONS:

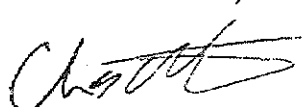
By:  \_\_\_\_\_  
County Attorney

By:  \_\_\_\_\_  
Isami C. Ayala-Collazo, Director - FD&O

WITNESS:

CONSTRUCTION MANAGER: **OMNICOM  
CONSULTING GROUP, INC**

  
\_\_\_\_\_  
Signature

  
\_\_\_\_\_  
Signature

Tim Barrentine  
\_\_\_\_\_  
Name (type or print)

Chris Monzingo  
\_\_\_\_\_  
Name (type or print)

Vice President  
\_\_\_\_\_  
Title

(Corporate Seal)



[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**

<b>Report Year</b>	<b>Filed Date</b>
2022	01/31/2022
2023	02/16/2023
2024	01/12/2024

**Document Images**

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



October 3, 2024

Richard Avery  
Palm Beach County  
Capital Improvements Division  
2633 Vista Parkway  
West Palm Beach, Florida 33411

RE: 2024-015781- 800 MHz Tower Site Replacement CA and Equipment Migration Support

Dear Sir:

This letter is in reference to recent requests 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 relocation of two County communication sites to the newly planned 400-foot self-supporting tower, equipment shelter, and emergency power systems for the West County Governmental Center Tower Project. 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 John Wood Group, PLC (Wood) and Tower Engineering Professionals. Together, OCG is confident that this project will be a success.

#### **SCOPE OF WORK**

##### **1. Procurement Phase**

###### **1.1. Assist in Preparing Invitation to Bid**

OCG will assist the County in the preparation of necessary bidding information and bidding forms. OCG will review County furnished front end documents and General Conditions and advise the County of any conflicts or inconsistencies with the specifications. OCG will prepare the language for any Special Conditions of the construction contract.

###### **1.2. Attend Pre-bid Conference and Site Visit**

OCG will attend the pre-bid conference and site visit and verbally answer questions to clarify project requirements.

###### **1.3. Answer Questions / Addenda**

As required, OCG will provide written answers to questions submitted by vendors and provide addenda to the bid package, if required.

###### **1.4. Review Bids**

OCG will review the bids for compliance with the procurement documents and provide a written report of any deficiencies.

###### **1.5. Assist in Protest**

Should a bidder protest the outcome of the procurement, OCG will provide assistance to the County during the bid protest. OCG has included a 2-hours of support in its cost estimate and will negotiate with the County for additional hours should it prove necessary.

1.6. Contract Negotiations

OCG will assist the County in contract negotiations with the highest rank proposer. OCG will provide on-site and remote support to ensure that the County gets favorable terms in the final contract with the chosen vendor.

1.7. Detail Design Review

A Detailed Design Review (DDR) will be conducted with the County and the chosen Vendor to thoroughly discuss their proposed plans for installation and configuration of all systems 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.

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.

2.1.5. 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.

2.2.8. 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.

2.3. 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. The consequences of addenda, change orders and other circumstances known by OCG to have caused change will also be included in the production of the as-built documents. OCG will provide the as-built documents to the County in AutoCAD format.

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

3.1. Site Visit and Plan Review

OCG will perform site visits to both the WEMS and OPM sites with County staff to perform an inventory of equipment and systems located within the existing towers and shelters that will be required to be replaced and/or relocated. OCG will verify that project documentation matches the existing conditions.

3.2. Perform Interference Analysis

OCG will perform a detailed frequency interference analysis to determine if there is potential for harmful interference between agencies/system using the new tower.

3.2.1. Intermodulation Hit-List Analysis

OCG will perform an intermodulation hit list analysis up to the fifth harmonic product. This analysis will determine if there is potential for generation of intermodulation products that may result in harmful degradation of existing receive systems at the new site.

- 3.2.2. **Intermodulation Signal Level and Transmitter Noise / Receiver Desensitization Analysis**  
OCG will create a computerized model of the tower and the installation of land mobile radio antennas and transmitters/receivers. OCG will contact the manufacturers of the equipment to collect detailed information on frequency response curves, receiver sensitivity, selectivity, intermodulation rejection, transmitter intermodulation attenuation, spurious and harmonic emissions attenuations, etc. Should this information not be available, OCG will use reasonable engineering judgment to account for missing information.

OCG will perform a signal level analysis that will determine the amount of intermodulation interference (if any) and desensitization (if any) that would be expected by combining of the existing communications systems from the two towers (OPM and WEMS) to the new West tower site.

- 3.2.3. **Interference Mitigation**  
OCG will work with the agencies involved with potential interference issues (either causing interference or receiving interference) to attempt to arrive at a solution that would allow the co-location of the agencies/systems on the new tower. This may involve measures such as increasing isolation between antenna systems or the addition of filters. If potential interference cannot be mitigated, it will be the responsibility of the County to determine which agency will be allowed to use the new tower.

### 3.3. FCC Licensing

#### 3.3.1. 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.

#### 3.3.2. 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. Equipment Migration Phase

### 4.1. Best Practices for Relocation of Systems

OCG will develop a best practices document for the relocation of active 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 800MHz Motorola P25 Public Safety Radio Communications System 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.

#### 4.2. Develop Scope of Work

OCG will assist the County in the preparation of the necessary Invitation to Negotiate documents to be provided to Motorola. This document will include the technical scope of work required for Motorola to complete the required equipment migration 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.

#### 4.3. Detail Design Review Meeting

A Detailed Design Review (DDR) will be conducted with Motorola to thoroughly discuss their proposed plans for system migration and new system and 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.

#### 4.4. FCC Frequency Coordination Oversight

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.

#### 4.5. Coverage Propagation Studies

##### 4.5.1. 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 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.

##### 4.5.2. Motorola Developed Coverage Prediction Studies

OCG will coordinate with Motorola in the request for Motorola to also develop coverage prediction maps based on the existing sites and with the new West 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.

#### 4.6. Cutover Oversight

##### 4.6.1. 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.

##### 4.6.2. Cutover Monitoring and Testing

OCG will oversee the cutover and relocation of all equipment from the existing shelters 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.

#### 5. Microwave Path Engineering – Antennas and Transmission Line Implementation Support

##### 5.1. New 11GHz Microwave Spur and Relocated 6GHz Paths

OCG will work with the County to implement a new licensed 11GHz spur microwave path from the new tower location to the PBSO LE building within the West County Government Center. OCG will also complete the necessary preliminary MW path engineering with regards to the existing 6GHz MW paths that will be relocated to the newly constructed West tower. This will include West Tower to Pahokee and West Tower to 20 Mile Bend.

5.1.1. Tower Mapping

OCG will engage its partner TEP to complete a new tower mapping for the 60' rooftop tower located on the PBSO LE building. This will provide detailed information as to all existing attachments to the tower and tower steel sizes.

5.1.2. TIA Maintenance and Inspection Report

OCG will engage its partner TEP to complete a TIA Maintenance and Inspection Report for the 60' rooftop tower located on the PBSO LE building. The report will detail maintenance items that should be addressed by the County such as, tower plumbness, guy wire tension, lose or missing hardware and any rusted or failing hardware to name a few. The report will provide recommendations on which, if any items should be addressed with a level of urgency.

5.1.3. Tower Structural Analysis

OCG will engage its partner TEP to complete a structural analysis of the rooftop tower (tower steel structure / guys only does not include roof members or roof connections) located on the PBSO LE building 60' based upon the latest TIA222 standard. The tower mapping will be the basis for the existing loads on the tower and OCG will provide TEP with a detailed list of the new proposed antennas to be installed on the tower as part of this project.

5.1.4. Microwave Path Engineering

OCG will utilize Pathloss 5 microwave path analysis software tool to analyze the path for the new spur microwave path from the new West tower to the PBSO LE building roof top tower and the relocation of the two existing 6GHz paths. OCG will determine the required microwave antenna mounting height. OCG will perform a preliminary microwave path analysis to confirm that the microwave path is viable.

5.1.4.1. 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.

5.2. New Antennas and Transmission Lines

5.2.1. 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 West tower and PBSO LE building tower.

5.2.2. 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.

### 5.2.3. 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.

### 5.3. 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.

## 6. WEMS and Belle Glade Communications Site Demo Support

### 6.1. Site Visit

OCG will complete a survey of the existing WEMS and Belle Glade communications sites 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 West 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. Attend Pre-bid Conference and Site Visit

OCG will attend the pre-bid conference and site visit and verbally answer questions to clarify project requirements.

### 6.4. Answer Questions / Addenda

As required, OCG will provide written answers to questions submitted by vendors and provide addenda to the bid package, if required.

### 6.5. Review Bids

OCG will review the bids for compliance with the procurement documents and provide a written report of any deficiencies.

### 6.6. Contract Negotiations

OCG will assist the County in contract negotiations with the highest rank proposer. OCG will provide on-site and remote support to ensure that the County gets favorable terms in the final contract with the chosen vendor.

### 6.7. Final Site Inspection

Following final completion of the demo contractor OCG will make a 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 1.5 to 2 years to complete.

**PRICING**

Please see the attached fee proposal for pricing. OCG used a discounted \$160 billing rate (\$180 per hour is OCG's standard rate). On-site tasks per-diem are billed at \$375 per day.

	<b>OCG</b>	<b>TEP</b>	<b>Total</b>
<b>Constriction Administration and Site Migration Support Phase</b>	\$439,740.00	\$15,350.00	\$455,090.00

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

Sincerely,



Chris Monzingo, P.E., PMP  
Vice President

**Fee Breakdown**

WestCounty 800 MHz Tower CA # Site Migration Support Proposal						
	Hours	\$	360	Per-Diem \$	375	Total
					Specialist Services	
1 Procurement Phase						
1.1 Assist in Preparing Invitation to Bid	40	\$ 6,400			\$ -	\$ 6,400
1.2 Attend Pre-bid Conference and Site Visit	16	\$ 2,560			\$ -	\$ 2,560
1.3 Answer Questions / Address	24	\$ 3,840			\$ -	\$ 3,840
1.4 Review Bids	40	\$ 6,400			\$ -	\$ 6,400
1.5 Assist in Process	12	\$ 1,920			\$ -	\$ 1,920
1.6 Contract Negotiations	32	\$ 5,120			\$ -	\$ 5,120
1.7 Detail Design Review	56	\$ 8,960			\$ -	\$ 8,960
2 Construction Administration Phase						
2.1 Submittal/Shop Drawings Review, Comments, Approve					\$ 1,500	\$ 1,500
2.1.1 Tower Structural Plans	8	\$ 1,280			\$ -	\$ 1,280
2.1.2 Shelter Design	40	\$ 6,400			\$ -	\$ 6,400
2.1.3 Foundations	2	\$ 320			\$ 1,000	\$ 1,320
2.1.4 Grounding	8	\$ 1,280			\$ -	\$ 1,280
2.1.5 Generator/Fuel Tank	2	\$ 320			\$ -	\$ 320
2.1.6 Electrical	2	\$ 320			\$ -	\$ 320
2.1.7 UPS/AB/DC	2	\$ 320			\$ -	\$ 320
2.1.8 Paints and Compound	2	\$ 320			\$ -	\$ 320
2.1.9 Concrete Design Mix Density Verification	2	\$ 320			\$ -	\$ 320
2.2 Construction Tasks						
2.2.1 Site Prep						
2.2.1.1 Site Prep	24	\$ 3,840			\$ -	\$ 3,840
2.2.1.2 Site Prep and Grading (Inspect)	3	\$ 480			\$ -	\$ 480
2.2.1.3 Site Prep, Grading, Site Prep (Inspect)	2	\$ 320			\$ -	\$ 320
2.2.1.4 Utility Installation (Observe)	2	\$ 320			\$ -	\$ 320
2.2.1.5 Utility Installation (Observe) / Cable Installation (Inspect)	2	\$ 320			\$ -	\$ 320
2.2.1.6 County Inspections (Observe) / Cable Installation (Inspect)	2	\$ 320			\$ -	\$ 320
2.2.2 Tower Erection						
2.2.2.1 Foundation Drill (Inspect)	32	\$ 5,120			\$ -	\$ 5,120
2.2.2.2 Foundation Piece Concrete (Observe)	42	\$ 6,720			\$ -	\$ 6,720
2.2.2.3 Concrete Cure in Year	2	\$ 320			\$ -	\$ 320
2.2.2.4 Tower Assembly (Inspect)	44	\$ 7,040			\$ -	\$ 7,040
2.2.2.5 Tower Inspection	4	\$ 640			\$ 3,000	\$ 3,640
2.2.3 Shelter Installation						
2.2.3.1 Shelter Installation (Inspect)	40	\$ 6,400			\$ -	\$ 6,400
2.2.3.2 Shelter and Generator Foundation (Inspect)	5	\$ 800			\$ -	\$ 800
2.2.3.3 Shelter Installation (Observe)	8	\$ 1,280			\$ -	\$ 1,280
2.2.3.4 Site Bridge Installation (Inspect)	2	\$ 320			\$ -	\$ 320
2.2.3.5 Shelter Inspection and Testing (Inspect)	48	\$ 7,680			\$ -	\$ 7,680
2.2.4 Electric Utility						
2.2.4.1 Set Transformer Pad and Electrical Service (Inspect)	2	\$ 320			\$ -	\$ 320
2.2.4.2 Set Transformer and Meter (Inspect)	2	\$ 320			\$ -	\$ 320
2.2.4.3 Connect Utility to Transformer (Inspect)	2	\$ 320			\$ -	\$ 320
2.2.4.4 Electrical Inspection (Observe)	2	\$ 320			\$ -	\$ 320
2.2.4.5 Connection of Electrical to Shelter (Inspect)	2	\$ 320			\$ -	\$ 320
2.2.5 Generator and Fuel Tank						
2.2.5.1 Generator and Fuel Tank Installation (Inspect)	3	\$ 480			\$ -	\$ 480
2.2.5.2 Generator and Fuel Tank Inspection and Testing (Inspect)	13	\$ 2,080			\$ -	\$ 2,080
2.2.6 Site Grounding						
2.2.6.1 Grounding Inspection and Testing (Inspect)	30	\$ 4,800			\$ -	\$ 4,800
2.2.7 Compound						
2.2.7.1 Fencing (Inspect)	2	\$ 320			\$ -	\$ 320
2.2.7.2 Fence Grounding (Inspect)	2	\$ 320			\$ -	\$ 320
2.2.7.3 Wired Fabric / Gravel (Inspect)	2	\$ 320			\$ -	\$ 320
2.2.8 Final Ground Test (Observe)	6	\$ 960			\$ -	\$ 960
2.3 Closeout						
2.3.1 Substantial Completion and punchlist items (Inspect)	32	\$ 5,120			\$ -	\$ 5,120
2.3.2 Final Inspection (Inspect)	32	\$ 5,120			\$ -	\$ 5,120
2.3.3 As-Built	40	\$ 6,400			\$ -	\$ 6,400
2.3.4 Close-out Documentation	40	\$ 6,400			\$ -	\$ 6,400
3 Frequency Migration Phase						
3.1 Site Visits and Plan Review	24	\$ 3,840			\$ -	\$ 3,840
3.2 Perform Interference Analysis						
3.2.1 Intermodulation Risk Level and Transmitter Noise / Receiver Desensitization Analysis	32	\$ 5,120			\$ -	\$ 5,120
3.2.2 Interference Mitigation	36	\$ 5,520			\$ -	\$ 5,520
3.3 FCC Licensing						
3.3.1 Licensed LMR Systems	40	\$ 6,400			\$ -	\$ 6,400
3.3.2 Region 9 CAPRAD Coordination	80	\$ 12,800			\$ -	\$ 12,800
4 Equipment Migration Phase						
4.1 Best Practices for Relocation of Systems	40	\$ 6,400			\$ -	\$ 6,400
4.2 Develop Scope of Work	40	\$ 6,400			\$ -	\$ 6,400
4.3 Detailed Design Review Meeting	36	\$ 5,520			\$ -	\$ 5,520
4.4 FCC Frequency Coordination Oversight	40	\$ 6,400			\$ -	\$ 6,400
4.5 Coverage Prediction Studies						
4.5.1 OCG Developed Coverage Prediction Studies	32	\$ 5,120			\$ -	\$ 5,120
4.5.2 Motorola Developed Coverage Prediction Studies	24	\$ 3,840			\$ -	\$ 3,840
4.6 Coverage Oversight						
4.6.1 Coordinate Pre-Cutover Testing	80	\$ 12,800			\$ -	\$ 12,800
4.6.2 Coverage Monitoring and Testing	120	\$ 19,200			\$ -	\$ 19,200
5 Microwave Path Engineering - A&L Implementation Support						
5.1 New 11GHz Microwave Spur and Relocated 6 GHz Paths						
5.1.1 Tower Mapping (PBSCO LE Building West County Government Center)	8	\$ 1,280			\$ -	\$ 1,280
5.1.2 TIA Maintenance and Inspection Report (PBSCO LE Building West County Government Center)	8	\$ 1,280			\$ -	\$ 1,280
5.1.3 Tower Structural Analysis (PBSCO LE Building West County Government Center)	8	\$ 1,280			\$ -	\$ 1,280
5.1.4 Microwave Path Engineering	24	\$ 3,840			\$ -	\$ 3,840
5.1.5 Microwave Physical Path Survey	16	\$ 2,560			\$ -	\$ 2,560
5.2 New Antennas and Transmission Lines						
5.2.1 Develop Scope of Work	48	\$ 7,680			\$ -	\$ 7,680
5.2.2 Antenna and Transmission Line Installation Oversight (West Tower and PBSCO LE)	80	\$ 12,800			\$ -	\$ 12,800
5.2.3 Antenna and Transmission Line Installation Inspection (West Tower and PBSCO LE)	64	\$ 10,240			\$ -	\$ 10,240
5.2.4 Detail Design Review/Verification	48	\$ 7,680			\$ -	\$ 7,680
6 WEA and Base Site Communications Site Demo Support						
6.1 Site Visit	12	\$ 1,920			\$ -	\$ 1,920
6.2 Develop Scope of Work	24	\$ 3,840			\$ -	\$ 3,840
6.3 Attend Pre-bid Conference	32	\$ 5,120			\$ -	\$ 5,120
6.4 Answer Questions / Address	8	\$ 1,280			\$ -	\$ 1,280
6.5 Review Bids	16	\$ 2,560			\$ -	\$ 2,560
6.6 Contract Negotiations	16	\$ 2,560			\$ -	\$ 2,560
6.7 Final Site Inspections	24	\$ 3,840			\$ -	\$ 3,840
7 Project Administration						
7.1 Project Oversight and Change Management	370	\$ 59,200			\$ -	\$ 59,200
7.2 Project Progress Reports and Teleconferences	216	\$ 34,560			\$ -	\$ 34,560
7.3 Payment Application Reviews	20	\$ 3,200			\$ -	\$ 3,200
<b>Totals:</b>	<b>2514</b>	<b>\$ 402,240</b>		<b>100</b>	<b>\$ 37,500</b>	<b>\$ 439,740</b>



Subcontractor Proposals

**TEP**

**A. 800 MHZ TOWER SITE REPLACEMENT PROJECT**

New 400' self-supporting tower located at 38811 James Wheeler Way, Belle Glade, FL.

Project Scope:

Palm Beach County will be installing a new 400-foot self-supporting tower, equipment shelter, and emergency power systems for the West County Governmental Center Tower Project.

Requested Tasks:

1. Independent Structural Analysis of proposed tower steel and foundation designs
2. Tower construction inspection.

Task	Description	Cost
1.1	SA for proposed tower steel and foundation design with review report	\$2,500.00
1.2	Tower Construction Inspection and Report	\$3,000.00

Total \$ 5,500.00

# TEP

## A. PBSO LAW ENFORCEMENT BUILDING ROOF TOP TOWER

PBSO LE roof top tower site is located at 38811 James Wheeler Way, Belle Glade, FL.

Project Scope:

Palm Beach County will be installing a new 2' MW dish to allow for a new 11GHz microwave path from the PBSO LE roof top tower to the soon to be constructed West Tower. The existing tower is a 60' guyed roof top tower. Approximate coordinates are 26:43:27.7 N 80:39:49.36 W

Requested Tasks:

3. Tower mapping
4. TIA Maintenance and Inspection Report
5. Structural Analysis based up updated tower mapping and proposed new antenna.

Task	Description	Cost
1.1	Tower mapping	\$1,850.00
1.2	TIA Maintenance and Inspection Report	\$1,000.00
1.3	Structural Analysis	\$1,500.00
1.4	Inspection of installation of new 11GHz Dish and Line	\$2,000.00

## A. WEST TOWER NEW 400' SELF SUPPORTING TOWER

PBSO LE roof top tower site is located at 38811 James Wheeler Way, Belle Glade, FL.

Project Scope:

Palm Beach County will be construction a new 400' self-supporting tower at the West County Governmental Center located at West 38811 James Wheeler Way, Belle Glade, FL.

Requested Tasks:

1. Antenna and transmission line inspections

Task	Description	Cost
1.1	2. Antenna and transmission line inspections	\$3,500.00

Total: \$9,850.00

## OEBO SCHEDULE 1

### LIST OF PROPOSED CONTRACTOR/CONSULTANT AND SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

SOLICITATION/PROJECT/BID NAME: West County Communicallons Tower Site Replacement  
 NAME OF PRIME RESPONDENT/BIDDER: Omnicom Consulting Group, Inc.  
 CONTACT PERSON: Chris Monzingo  
 SOLICITATION OPENING/SUBMITTAL DATE: N/A

SOLICITATION/PROJECT/BID No.: 2024-015781  
 ADDRESS: 7788 McClure Drive  
 PHONE NO.: 850-212-4475 E-MAIL: cmonzingo@ocg-usa.com  
 DEPARTMENT: N/A

**PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME CONTRACTOR/CONSULTANT ON THIS PROJECT. PLEASE ALSO LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SUBCONTRACTORS/SUBCONSULTANTS ON THE PROJECT.**

Name, Address and Phone Number	(Check all Applicable Categories)			DOLLAR AMOUNT OR PERCENTAGE OF WORK				
	Non-SBE	M/WBE	SBE	Black	Hispanic	Women	Caucasian	Other (Please Specify)
		Minority/Women Business	Small Business					
1. Omnicom Consulting Group 7788 McClure Drive Tallahassee, FL 32312 (850) 212-4475	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	\$439,740.00
2. TEP OPCO, LLC 326 Tyron Road Raleigh, NC 27603	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	\$15,350.00
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
Total								\$455,090.00

Total Bid Price \$ \$455,090.00

Total SBE - M/WBE Participation \$ 0.00

I hereby certify that the above information is accurate to the best of my knowledge:  Vice President  
Signature Title

- Note:**
1. The amount listed on this form for a Subcontractor/subconsultant must be supported by price or percentage listed on the properly executed Schedule 2 or attached signed proposal.
  2. Firms may be certified by Palm Beach County as an SBE and/or an M/WBE. If firms are certified as both an SBE and/or M/WBE, please indicate the dollar amount under the appropriate category.
  3. Modification of this form is not permitted and will be rejected upon submittal.

**OEBO LETTER OF INTENT – SCHEDULE 2**

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. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: 2024-015781 West Tower Procurement and CA Support

SOLICITATION/PROJECT NAME: \_\_\_\_\_

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

**(Check box(s) that apply)**

SBE  WBE  MBE  M/WBE  Non-S/M/WBE Date of Palm Beach County Certification (if applicable): \_\_\_\_\_

The undersigned affirms they are the following (select one from each column if applicable):

<b>Column 1</b>	<b>Column 2</b>	<b>Column 3</b>
<input type="checkbox"/> Male <input type="checkbox"/> Female	<input type="checkbox"/> African-American/Black <input type="checkbox"/> Asian American <input type="checkbox"/> Hispanic American <input type="checkbox"/> Native American	<input type="checkbox"/> Caucasian American <input type="checkbox"/> Supplier

**S/M/WBE PARTICIPATION** – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Tower Steel and Foundations Structural Analysis with Report	\$2,500.00			\$2,500.00
2	Tower New Build Inspection	\$3,000.00			\$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: \$5,500.00

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: 0%

Name of 2<sup>nd</sup>/3<sup>rd</sup> tier Subcontractor/subconsultant

Omnicom Consulting Group, Inc.

Print Name of Prime

By:   
Authorized Signature

Chris Monzingo

Print Name

Vice President

Title

Date: 9/25/2024

TEP OPCO, LLC

Print Name of Subcontractor/subconsultant

By:   
Authorized Signature

Ronnie Glover

Print Name

Director

Title

Date: 9/25/2024

**OEBO LETTER OF INTENT – SCHEDULE 2**

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. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: 2024-015781 West Tower MW Path Engineering - A&L Implementation Support

SOLICITATION/PROJECT NAME: \_\_\_\_\_

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

**(Check box(s) that apply)**

SBE  WBE  MBE  M/WBE  Non-S/M/WBE Date of Palm Beach County Certification (if applicable): \_\_\_\_\_

The undersigned affirms they are the following (select one from each column if applicable):

<b>Column 1</b>	<b>Column 2</b>	<b>Column 3</b>
<input type="checkbox"/> Male <input type="checkbox"/> Female	<input type="checkbox"/> African-American/Black <input type="checkbox"/> Asian American <input type="checkbox"/> Hispanic American <input type="checkbox"/> Native American	<input type="checkbox"/> Caucasian American <input type="checkbox"/> Supplier

**S/M/WBE PARTICIPATION** – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.


Line Item	Item Description	Unit Price	Quantity/Units	Contingencies/Allowances	Total Price/Percentage
1	Tower Engineering/Analysis Work/A&L Inspections	\$9,850.00			\$9,850.00

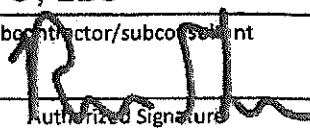
The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$ 9,850.00

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: 0%

Name of 2<sup>nd</sup>/3<sup>rd</sup> tier Subcontractor/subconsultant

Omnicom Consulting Group, Inc.  
 Print Name of Prime  
 By:   
 Authorized Signature  
Chris Monzingo  
 Print Name  
Vice President  
 Title  
 Date: 9/25/2024

TEP OPCO, LLC  
 Print Name of Subcontractor/subconsultant  
 By:   
 Authorized Signature  
Ronnie Glover  
 Print Name  
Director  
 Title  
 Date: 9/25/2024

**CONFLICT OF INTEREST DISCLOSURE FORM**

**PROJECT Public Safety Radio System Planning and Design Services on a Continuing Contract Basis**

CONSULTANT 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

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(Attach additional sheets as needed.)

CONSULTANT further represents that no person having any interest shall be employed for said performance. By signing below, CONSULTANT 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'S judgment or quality of services being provided to the County.

CONSULTANT 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'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 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.

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

THIS DISCLOSURE is submitted by Tim Barrentine, as  
(Name of Individual)

President, of Omnicom Consulting Group, Inc.  
(Title/Position) (Firm Name of Consultant)

who hereby certifies that the information stated above is true and correct. Further, it is hereby acknowledged that any misrepresentation by the Consultant on this Disclosure is considered an unethical business practice and is grounds for sanctions against future County business with the Consultant.

Tim Barrentine  
(Signature)

10/28/19  
(Date)



**Palm Beach County  
Compliance Summary Report**

Vendor Number	Vendor Name	AM Best Rating	Insurance Carrier	Policy #	Eff. Date	Exp. Date	Coverage	Contract Number	Contract Name
DX00001085	Omnicom Consulting Group, Inc.		Compliant						
		A++g , XV	Travelers Casualty Insurance Company of America	6606w267103ll24	4/7/2024	4/7/2025	General Liability		
		NR , 0	Underwriters at Lloyd's London (IL)	0002012041024	4/7/2024	4/7/2025	Professional Liability		
		A++g , XV	Travelers Casualty Insurance Company of America	UB9J8404072447G	4/7/2024	4/7/2025	Workers Comp		

Risk Profile : Standard - Professional Services  
Required Additional Insured : Palm Beach County Board of County Commissioners  
Ownership Entity :

**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.  
(ENTITY) and attest that the ENTITY 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 Barronline  
(signature of officer or representative)

Tim Barronline, 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, 15<sup>th</sup> day of October, by Timothy Barronline

Personally known  OR produced identification .

Type of identification produced Driver License.

[Signature]  
NOTARY PUBLIC  
My Commission Expires: January 3-4, 2027  
State of Florida at large



(Notary Seal)



