

TASK ORDER No. 8

CONTINUING PROFESSIONAL SERVICES (Energy Management & Engineering Services)

THIS TASK ORDER FOR CONTINUING PROFESSIONAL SERVICES (“Task Order”) is made on the day of _____, between the **City of Lake Worth Beach**, a Florida municipal corporation (“City”) and **TEAMWORKnet, Inc.**, a Florida Corporation (“CONSULTANT”).

1.0 Project Description:

The City desires the CONSULTANT to provide those services as identified herein for the Project. The Project is described in the CONSULTANT’s Proposal, dated April 30, 2026 and services are generally described as: Hypoluxo Substation System Upgrade (the “Project”).

2.0 Scope

Under this Task Order, the CONSULTANT will provide the City of Lake Worth Beach with Energy Management & Engineering Services for the Project as specified in the **CONSULTANT’s proposal attached hereto and incorporated herein as Exhibit “1”**.

3.0 Schedule

The services to be provided under this Task Order shall be completed within 300 calendar days from the City’s approval of this Task Order or the issuance of a Notice to Proceed.

4.0 Compensation

This Task Order is issued for a lump sum, not to exceed amount of \$111,160.00. The attached proposal identifies all costs and expenses included in the lump sum, not to exceed amount.

5.0 Project Manager

The Project Manager for the CONSULTANT is Jose Guerra, PE, phone (863) 327-1080; email: jguerra@teamworknet.com; and, the Project Manager for the City is David Martyniuk, phone: (561)586-1629; email: dmartyniuk@lakeworthbeachfl.gov.

6.0 Progress Meetings

The CONSULTANT shall schedule periodic progress review meetings with the City Project Manager as necessary but every 30 days as a minimum.

7.0 Limitation of Liability

The CONSULTANT may propose a limitation of liability provision which the City reserves the right to accept, modify or reject in its sole discretion. If modified, the City and Consultant must agree to the modified provision. See Section 10.

8.0 Compliance with section 787.06, Florida Statutes.

By signing this Task Order before a notary public and taking an oath under the penalty of perjury, the CONSULTANT attests and warrants that the CONSULTANT does not use coercion for labor or services as defined in section 787.06, Florida Statutes (2024).

9.0 Authorization

This Task Order is issued pursuant to the Continuing Professional Services Agreement (Energy Management & Engineering Services) based on RFQ#23-300 between the City of Lake Worth Beach and the CONSULTANT, dated 4/12/2023 (“Agreement” hereafter). If there are any conflicts between the terms and conditions of this Task Order and the Agreement, the terms and conditions of the Agreement shall prevail.

IN WITNESS WHEREOF, the parties hereto have made and executed this Task Order No. 8 on _____ the day and year set forth above.

CITY OF LAKE WORTH BEACH, FLORIDA

By: _____
Betty Resch, Mayor

ATTEST:

By: _____
Melissa Ann Coyne, MMC, City Clerk

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY:

APPROVED FOR FINANCIAL
SUFFICIENCY

By: _____
Glen J. Torcivia, City Attorney

By: _____
Yannick Ngendahayo, Financial Services Director

CONSULTANT:

TEAMWORKnet, Inc.

By: Munira

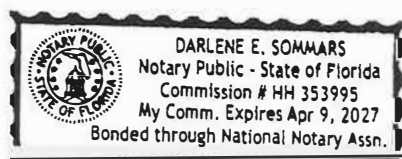
Printed Name: Jose G. Munira, P.E.

[Corporate Seal]

STATE OF Florida
COUNTY OF Polk

THE FOREGOING instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization on this 27th day of May, 2026, by Jose G. Munira as the Sr. Project Engineer [title] of **TEAMWORKnet, Inc.**, a corporation authorized to do business in the State of Florida, who is ☒ personally known to me or ☐ who has produced _____ as identification, and who did take an oath under penalty of perjury that the facts stated with regard to section 787.06, Florida Statutes, are true and correct, and that he or she is duly authorized to execute the foregoing instrument and bind **TEAMWORKnet, Inc.** to the same.

Notary Seal:



Darlene E. Sommars
Notary Public Signature

Exhibit “1”

(Consultants Proposal-5 Pages)

April 30, 2026

Warner Patterson
Transmission & Substation Manager
City of Lake Worth Beach Electric Utility
1900 2nd Ave North
Lake Worth, FL 33460

PROPOSAL AND QUOTATION: Hypoluxo Substation System Upgrade

Dear Mr. Patterson:

TEAMWORKnet, Inc. (TWN) is pleased to submit this proposal and quotation to the City of Lake Worth Beach Electric Utility (LWBU) for Professional Engineering Services for improving and modernizing the DC System and Metering of the Hypoluxo (Hypo) Substation.

Scope of Work:

Task 1 – Engineering Design

- Participate in a project kickoff meeting (online) with city personnel to review requirements, establish expectations and set a timeline for the project.
- 125 VDC System Upgrade:
 - Conduct load and sizing analysis for battery banks and chargers in accordance with IEEE standards.
 - Specify equipment required for the 125VDC system, including but not limited to:
 - DC Panel
 - Battery Charger(s)
 - Battery rack and spill containment (as applicable)
 - Cables and Terminations
 - Mechanical ventilation and hydrogen monitoring systems
 - Best Battery Selector (if applicable)
- 138kV CT/PT Metering Combo:
 - Assess the suitability of CT/PT combo specifications for the intended application including existing pedestal and steel supports.
 - If the existing pedestal and steel support does not meet the requirements for the new CT/PT Combo, prepare a revised design.
 - Detail primary connection options, including rigid versus flexible connections, sizes, and required connectors.
 - Design secondary wiring encompassing cables, terminations, routing, and junction boxes.
 - Update device and relay settings files as necessary.

- Review and evaluate vendor quotations.
- Revise current schematics to accurately incorporate DC circuit numbers, where applicable.
- Develop an engineering drawing package outlining demolition and new design specifications.
- Prepare contractor scope of work documents to facilitate construction and installation activities.
- Advise on recommended testing protocols and best practices for new equipment installation.

Task 2 – Field Services, Testing & Commissioning

- Conduct initial site inspections.
- Complete multiple site visits, including:
 - Kickoff meeting with the selected construction subcontractor
 - Periodic on-site assessments during construction
- Carry out comprehensive testing of the new CT/PT combo to verify performance prior to energization, including but not limited to ratio, polarity, IR, and burden tests.
- Perform secondary injection testing of secondary wiring to end devices.
- Execute relay and meter testing procedures.
- Conduct battery testing and system checkout
 - Load testing is excluded; the City would provide these services, and TWN will review third-party results.

Task 3 – Project Management

- TWN shall deliver project management services, including assignment of a dedicated project coordinator to:
 - Develop and maintain a project schedule covering design, procurement support, and commissioning phases.
 - Lead bi-weekly meetings, record minutes and action items.
 - Coordinate field activities with subcontractors and the city.
 - Support CLWB by coordinating outages with FPL and OUC.

Deliverables:

- Battery and Charger Sizing Report
- Structural Pedestal Analysis
- Relay Settings "As Left" documentation and report of changes
- Project Bill of Materials (BOM), included in the engineering package
- Engineering Drawing Packages for the 125VDC System and CT/PT Combo, comprising:
 - Demolition Drawings
 - 60% Issued for Review
 - 90% Issued for Construction
 - 100% As-Built Documentation
 - Provided in both CAD and PDF formats
- Commissioning Plan and final Test Results
- Project Schedule in Microsoft Project Format

Assumptions & Exclusions:

- The footprint of the existing control house is sufficient to accommodate the two battery systems.
- As-built drawings of the below-grade structural elements will be provided by the client.
- The proposed fees are based on the following schedule assumptions:
 - Notice to Proceed, Issued PO, or Awarded: June 2026
 - Design Phase Completion: August 2026
 - Construction: December 2026
 - Testing and Commissioning: April 2027
- This proposal does not include the following items:
 - Primary and secondary cables and materials
 - Pulling and terminating cables and wires
 - SCADA programming
 - Secondary wiring raceways
 - Battery load and impedance testing
 - Bucket trucks

Based on the scope above,

Our Fixed Fee for Material & Professional Engineering Services is :.....\$111,160.00

Cost Breakdown:

1. Engineering Design w/Drafting - \$65,200
2. Field Services & Commissioning - \$28,000
3. Project Management - \$5,960
4. Deliverables and Documentation - \$6,000
5. Contingency/Commercial Buffer - \$6,000

Engineering Design w/Drafting			
Employee Type	Regular Time (\$/hr)	Estimated Hours (hrs)	Subtotal (\$)
Sr. Project Engineer	187	120	22440
Project Engineer	176	120	21120
CAD	94	100	9400
Expenses (Software, Materials, Equipment)	-	-	12240
		Subtotal	65200
Field Services & Commissioning			
Employee Type	Field Rate (\$/hr)	Estimated Hours (hrs)	Subtotal (\$)
Sr. Project Engineer	248	60	14880
Senior Technician	193	40	7720
Expenses (Hotel, Transportation, Testing Equipment)	-	-	5400
		Subtotal	28000
Project Management			
Employee Type	Regular Time (\$/hr)	Estimated Hours (hrs)	Subtotal (\$)
Project Management	149	40	5960
		Subtotal	5960
Deliverables and Documentation			
Employee Type	Regular Time (\$/hr)	Estimated Hours (hrs)	Subtotal (\$)
Sr. Project Engineer	187	20	3740
Engineering Assistant	94	20	1880
Safety Coordinator	143	10	1430
Clerical	66	20	1320
Other Expenses	-	-	1370
		Subtotal	6000
Contingency/Commercial Buffer			
Employee Type	Regular Time (\$/hr)	Estimated Hours (hrs)	Subtotal (\$)
Sr. Project Engineer	187	9	1683
Associate Engineer	149	9	1341
Expenses	-	-	2976
		Subtotal	6000
		Total (\$)	111,160

Hour Rates per CCNA-26:

No.	Description	Rate	Field Rate
0	Senior Consulting Engineer	\$ 289.00	\$ 341.00
1	Principal Engineer	\$ 231.00	\$ 286.00
2	Senior Engineer	\$ 215.00	\$ 264.00
3	Sr Project Engineer	\$ 187.00	\$ 248.00
4	Project Engineer	\$ 176.00	\$ 231.00
5	Associate Engineer	\$ 149.00	\$ 193.00
6	Project Manager	\$ 149.00	\$ 193.00
7	Field Service Specialist	\$ 187.00	\$ 248.00
8	Senior Technician	\$ 171.00	\$ 193.00
9	Technician L2	\$ 121.00	\$ 149.00
10	Technician L1	\$ 110.00	\$ 138.00
11	Senior Designer	\$ 165.00	\$ 193.00
12	Designer	\$ 143.00	\$ 171.00
13	Senior Safety Coordinator	\$ 154.00	\$ 193.00
14	Safety Coordinator	\$ 143.00	\$ 171.00
15	Engineering Assistant	\$ 94.00	\$ 105.00
16	Cadd	\$ 94.00	\$ 105.00
17	Clerical	\$ 66.00	\$ 72.00

TERMS AND CONDITIONS:

1. Per 'Continuing Professional Services Agreement'.

TEAMWORKnet appreciates the opportunity to offer our professional engineering services to the City of Lake Worth Beach. Should you have any questions or require further information, please don't hesitate to contact us.

Respectfully submitted,



Jose G. Guerra, P.E.
Sr. Project Engineer