

**TASK ORDER No. \_\_\_\_\_**

**PROFESSIONAL SERVICES  
(Electric Demand Response Consulting Services)**

THIS TASK ORDER FOR PROFESSIONAL SERVICES (“Task Order”) is made on the day of \_\_\_\_\_, 2022, between the **City of Lake Worth Beach**, a Florida municipal corporation (“City”) and **Quanta Technology, LLC**, a State of North Carolina limited liability company (“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 August 31, 2022 and services are generally described as: Demand Response Study, Phase 1 (the “Project”).

**2.0 Scope**

Under this Task Order, the CONSULTANT will provide the City of Lake Worth Beach Electric Utility with demand response consulting 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 8 to 12 weeks 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 \$ **49,948.00**. 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 Jesus Gonzales, phone (919) 428 - 9332; email: [jgonzales@quanta-technology.com](mailto:jgonzales@quanta-technology.com) ; and, the Project Manager for the City is Edward Liberty, phone: (561)586 - 1670; email:eliberty@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 Authorization**

This Task Order is issued pursuant to the Professional Services Agreement (Electric Demand Response Consulting Services) between the City of Lake Worth and the CONSULTANT, dated \_\_\_\_\_ (“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. 1 as of the day and year set forth above.

**CITY OF LAKE WORTH BEACH, FLORIDA**

By: \_\_\_\_\_  
Carmen Y. Davis, City Manager

ATTEST:

By: \_\_\_\_\_  
Melissa Ann Coyne, City Clerk

APPROVED AS TO FORM AND  
LEGAL SUFFICIENCY:

APPROVED FOR FINANCIAL  
SUFFICIENCY

By: \_\_\_\_\_  
Glen J. Torcivia, City Attorney

By: \_\_\_\_\_  
Bruce T. Miller, Financial Services Director

CONSULTANT: **Quanta Technology, LLC**

By: \_\_\_\_\_

[Corporate Seal]

STATE OF NORTH CAROLINA)  
COUNTY OF \_\_\_\_\_)

THE FOREGOING instrument was acknowledged before me by means of • physical presence or • online notarization on this \_\_\_\_ day of \_\_\_\_\_, 2022, by **Quanta Technology, LLC**, a State of North Carolina limited liability company, who is personally known to me or who has produced \_\_\_\_\_ as identification, and who did take an oath that he or she is duly authorized to execute the foregoing instrument and bind the CONSULTANT to the same.

\_\_\_\_\_  
Notary Public Signature

Notary Seal:

# Exhibit “1”



## 2 SCOPE OF WORK / ADVISORY SERVICES

### 2.1 Phase 1: Demand Response Study

Phase 1 involves conducting a Demand Response Study primarily aimed at:

- Collecting and analyzing current relevant data from the City of Lake Worth Beach (LWB) System
- Defining system demand response program potential benefits which drive success factors
- Conducting a technology assessment evaluating technology choices
- Detailing anticipated impacts and costs

This phase should result in defining the most practical way of achieving the target demand reduction (e.g. 5 MW or target) while primarily focusing on the residential sector allowing the LWB residents to engage in transformative Energy Programs.

Table 1 below provides an overview of anticipated services performed during this project phase.

Table 1: Phase 1 Proposed Services

Service Breakdown	Description	Notes
Data Collection / Analysis	<p>Obtain and analyze current available data from the City including:</p> <ul style="list-style-type: none"><li>• Distribution of Customer Types and end use services (e.g. AC, Pool Pump, Water Heater, etc.)</li><li>• Demand and Load Profiles</li><li>• System operations and power purchase costs</li></ul> <p>Obtain other available relevant data such as:</p> <ul style="list-style-type: none"><li>• Experiences with other utilities/customers in FL</li></ul>	Helps answer: How much is available for reducing, shifting, or increasing load?
System Benefits	<p>Work with the City to define the desired system benefits derived from the Demand Response program. Potential benefits include:</p> <p>Planning:</p> <ul style="list-style-type: none"><li>• Deferring upgrades</li></ul> <p>Operations:</p>	Helps answer: How can the load be used to create benefits?



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#### 4.1 Phase 1: Demand Response Study (T&M)

Phase 1 will be billed on a T&M basis. It is anticipated that most of the work will be conducted remote with onsite meetings only conducted as requested by the City. Expenses for requested travel will be billed on an "At Cost" basis with no markup.

Advisory Services	Estimated Cost
Phase 1: <ul style="list-style-type: none"><li>• Data Collection</li><li>• System Benefits</li><li>• Conceptual DR Programs (Technology Assessment)</li><li>• Assessment of Impacts and Costs</li></ul>	\$49,948