

HIDALGO COUNTY
Professional Engineering Services
Agreement # C-21-0616-12-28

WORK AUTHORIZATION NO. 1

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of the **Professional Engineering Services Agreement No. C-21-0616-12-28**, incorporated herein by reference, for the “Pct.1 - Hargill Solar Lights Project” made by and between **HIDALGO COUNTY**, action herein by and through the **Commissioner’s Court**, hereinafter called the “**Owner**,” and **RO Engineering, PLLC**, hereinafter called “**Engineer**”.

PART 1. SCOPE OF WORK

The purpose of this Work Authorization is for the Engineer to provide **Professional Engineering Services related to the proposed street solar lighting improvements for the Hargill Solar Lights Project.**

The **Engineer** is to provide the scope of Services as required by the Agreement with Owner.

The scope of services to be provided by the **Engineer** is identified in **Attachment “A” – “EXHIBIT “C” – Project Specific Scope of Services to be provided by Engineer**” attached hereto and incorporated by reference.

PART 2. ESTIMATED COST

The estimated cost for services under this Work Authorization is **\$26,660.00**. This amount is based upon the costs outlined in the **Attachment “B” – “EXHIBIT “D” – Contract Rates**” attached hereto and incorporated by reference.

PART 3. PAYMENT

Compensation and payment to the Engineer for the services established under this Work Authorization shall be made in accordance with the **Professional Engineering Services Agreement No. C-21-0616-12-28** between the **Owner** and the **Engineer**.

PART 4. FUNDING

This Work Authorization No. 1 shall be funded through funding source:

Account No. _____

Requisition Number _____ **(MUST BE INCLUDED AFTER CC APPROVAL)**

PART 5. PERIOD OF SERVICE

This Work Authorization shall become effective on the date of final acceptance of the parties hereto, and terminate **upon completion of the scopes of the Work Authorization, within the limits of Agreement No. C-21-0616-12-28, provided in this Work Authorization; or on** (_____). *If applicable*: Engineer shall conform to the approved “Work/Project Schedule”, attached hereto and incorporated by reference herein as **Attachment “C”**.

PART 6. RESPONSIBILITIES AND OBLIGATIONS

This Authorization does not waive the parties' responsibilities and obligations provided under the Agreement No. C-21-0616-12-28.

PART 7. ACKNOWLEDGEMENT AND CONFIRMATION

Acknowledgement and confirmation by Hidalgo County Precinct No. 1 Commissioner David L. Fuentes, as to content and detail of this Work Authorization No.1.

**HIDALGO COUNTY
COMMISSIONER PRECINCT No. 1:**

BY: _____

PART 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on _____ as indicated below and effective as of _____ day of _____, 20__.

THE ENGINEER:
RO ENGINEERING, PLLC

THE OWNER:
HIDALGO COUNTY

By: _____

By: Richard F. Cortez, County Judge

ATTEST:

By: Arturo Guajardo Jr., County Clerk

LIST OF ATTACHMENTS:

- Attachment "A"** – *EXHIBIT "C" – Project Specific Scope of Services to be provided by Engineer*
- Attachment "B"** – *EXHIBIT "D" – Contract Rates/Fee Proposal*
- Attachment "C"** – *Approved Work/Project Schedule*



Attachment A

EXHIBIT "C" - Scope of Services to be provided by Engineer



RO ENGINEERING, PLLC

Engineering & Construction Management

2705 E. Davis Rd., Suite A
Edinburg, Texas 78542
Office (956)513-1849
r.olivarez@ro-engineering.com

EXHIBIT "C"

Pursuant to your request, we are pleased to provide our fee and rates for engineering services related to the Proposed Street Solar Lighting Improvements at Hargill, TX. We understand that the County is seeking to place light poles at each intersection within Bucy Rd. & Lincoln Ave. and 1st Street & 11th Street.

SERVICES TO BE PROVIDED BY THE ENGINEER

- A. Survey existing conditions and determine best location to place light poles.
- B. Review land records for parcel, lot and street mapping. Identify utility locations.
- C. Perform photometric analyses of lighting levels.
- D. Inform the property owner of proposed location of light pole.
- E. Prepare site plan layout showing location of light poles.
- F. Provide structural engineering plans for concrete foundation or helical base
- G. Shall provide traffic control plans in accordance with TXDOT Standards.
- H. Provide engineering construction cost estimate.
- I. Provide engineering plans and specifications required for bidding.
- J. Oversee bidding and respond to RFI's.
- K. Provide project management from commencement to completion of the project.
- L. Monitor progress, budget and schedule; endeavoring to guard the owner against performance of any work that is inconsistent with plans and specifications.
- M. Review payment applications, submittals, operations and maintenance manuals, and warranty documents.

VERIFICATION OF EXISTING CONDITIONS

- 1. The scope of engineering services includes a field investigation to verify the condition of the existing "MEP" systems installation. We will visit the job site and perform an observation of the existing systems.
- 2. RO Engineering will attempt to accurately determine the existing conditions. However, because the systems are installed and may be concealed, we cannot be held accountable for omissions of items that were concealed or appeared to be installed and operating properly at the time of the observation.
- 3. During the construction, items may be uncovered by the contractors that were not apparent during our field observations. We will revise the documents as the situation warrants and the drawings will be re-issued as a request for proposal.



Attachment B

EXHIBIT "D" Contract Rates/Fee Proposal

EXHIBIT "D"
CONTRACT RATES / FEE PROPOSAL

**FEE PROPOSAL FOR ENGINEERING SERVICES FOR STREET SOLAR LIGHTING
IMPROVEMENTS AT HARGILL COMMUNITY AREA – HIDALGO COUNTY PCT.1**

1. Our engineering fee shall be a fixed sum of **Twenty-Six Thousand Six hundred & Sixty Dollars** (\$26,660.00).
2. If additional services are requested, we will negotiate a fixed fee amount for the additional work, or we perform the work on an hourly basis.
3. Hourly billing rates for approved engineering services shall be as follows:

HOURLY BILLING RATES

| | |
|-----------------------------------|---------------|
| Principal/Partner | \$160.00/hour |
| Senior Project Manager | \$140.00/hour |
| Project Manager | \$125.00/hour |
| Senior Engineer | \$130.00/hour |
| Engineer /Sr. Designer | \$120.00/hour |
| Senior Construction Administrator | \$120.00/hour |
| Construction Administrator | \$110.00/hour |
| Designer | \$85.00/hour |
| CAD Technician | \$65.00/hour |
| Administrative | \$45.00/hour |



Attachment C

Approved Work/
Project Schedule

Gantt Chart

Hidalgo County PCT#1 Solar Street Lighting at Hargill Community



Project Lead: RENE OLIVAREZ, P.E.
 Project Start Date: 11/22/2021 (Monday)
 Today's Date: 11/11/2021 (Thursday)

