

HIDALGO COUNTY
Professional Engineering Services
Agreement # C-23-0493-01-09

WORK AUTHORIZATION NO. 2

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of the Professional Engineering Services Agreement No. C-23-0493-01-09, incorporated herein by reference, for the “Professional Engineering Services for Caledonia Estates Subdivision” 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 Engineering and Construction Contract Management services to verify the conditions of the existing “MEP” system installations at Caledonia Estates Subdivision.

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”** – “*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 **\$ 132,142.00**. This amount is based upon the costs outlined in the **Attachment “B”** – “*Fee Proposal*” 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-23-0493-01-09** between the **Owner** and the **Engineer**.

PART 4. FUNDING

This Work Authorization No. **2** 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-23-0493-01-09 , provided in this Work Authorization; or on (_____ DATE _____)**. *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-23-0493-01-09.

PART 7. ACKNOWLEDGEMENT AND CONFIRMATION

Acknowledgement and confirmation by **Hidalgo County Precinct 4, Commissioner Ellie Torres**, as to content and detail of this **Work Authorization No. 2.**

HIDALGO COUNTY PRECINCT No. 4

By: _____
Ellie Torres, Commissioner

PART 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners’ Court indicated below and effective as of 3RD day of September, 2024.

EXECUTED as of the day and year first written above.

APPROVED BY COMMISSIONERS’ COURT ON SEPTEMBER 3RD, 2024.

Agenda Item No. 96511

Executive Office: _____

ENGINEER:
RO ENGINEERING, PLLC

COUNTY:
COUNTY OF HIDALGO

Rene R. Olivarez, P.E., CQE, Principal

Hon. Richard F. Cortez, County Judge

ATTEST:

Arturo Guajardo, Jr., County Clerk

LIST OF ATTACHMENTS:

- Attachment “A”** – *Scope of Services to be provided by Engineer*
- Attachment “B”** – *Fee Proposal*
- Attachment “C”** – *Approved Work/Project Schedule (If applicable)*
- Attachment “D”** – *Subcontractor Letter*



ATTACHMENT A

PROJECT SPECIFIC SCOPE OF SERVICES TO BE PROVIDED BY ENGINEER



RO ENGINEERING, PLLC
Engineering & Construction Management
www.ro-engineering.com

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

Work Authorization No. 2

Attachment “A”

Scope of Service

TBPE Firm Registration No. 12179



Scope of Services

We propose to furnish the services specified herein at the prices stated and in accordance with RO ENGINEERING standard terms and conditions. RO ENGINEERING PLLC would like to submit the following proposal for your review and approval. * RO ENGINEERING will provide the following scope of the following work identified and approved by the customer.

RO ENGINEERING proposes the following scope of work and RO ENGINEERING will be overseeing subcontractor services. **Scope of work:**

1. Verify existing utilities and conditions of each bring run.
2. Bore PVC conduit (2" & 3") at locations shown on AEPs map layout per WR: 86677328.
3. Bore 2" and 3" conduit on locations shown on AEP drawings at 40" deep on secondary.
4. Coordinate with AEP exact locations of Lighting and Transformers.
5. Coordinate with residence conduit crossing property as necessary.
6. Will provide conduit material with a pull string on each run.
7. Will provide stub ups at both ends of each run.
8. Backfill any excavations to match existing conditions.
9. Below is the pricing breakdown for quantities shown on AEP's map, WR: 86677328 dated 06/25/24.

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.

TBPE Firm Registration No. 12179



ATTACHMENT B

FEE PROPOSAL



RO ENGINEERING, PLLC

MEP Engineering & Construction Management
www.ro-engineering.com

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

Work Authorization No. 2
Attachment "B"
Fee Proposal



RO ENGINEERING, PLLC

MEP Engineering & Construction Management
www.ro-engineering.com

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

RO ENGINEERING proposes the following scope of work.

ITEM NO.	DESCRIPTION	QTY	UNITS	CPU	COST	
1	General conditions	1	LS	\$ 5,291.00	\$ 5,291.00	Subcontractor work
2	Piping (2in)	1295	LF	\$ 10.00	\$ 12,950.00	Subcontractor work
3	Piping (3in)	534	LF	\$ 12.00	\$ 6,408.00	Subcontractor work
4	Boring	1829	LF	\$ 42.50	\$ 77,733.00	Subcontractor work
5	Project manager	96	HRS	\$ 160.00	\$ 15,360.00	
6	Principal (Management)	80	HRS	\$ 180.00	\$ 14,400.00	
	Total				\$ 132,142.00	

Total Pricing: The total project price is: \$132,142.00.

SCOPE AND FEE

1. We propose to provide the following scope of engineering services:
 - A. MEP Engineering
 - B. Structural Engineering
 - C. Civil Engineering
 - D. Plans, drawings, and specifications
 - E. Project Management
 - F. Construction Management
2. Professional services will be a fixed fee amount based on the estimated construction cost or we will perform the work on an hourly basis.
3. Hourly billing rates for approved engineering services shall be as follows:

HOURLY BILLING RATES

Principal/Partner	\$180.00/hour
Construction Manager	\$170.00/hour
Senior Project Manager	\$170.00/hour
Project Manager	\$160.00/hour
Senior Engineer	\$150.00/hour
Engineer /Sr. Designer	\$120.00/hour
Senior Construction Administrator	\$120.00/hour
Construction Administrator	\$110.00/hour
Designer	\$85.00/hour
CAD Operator	\$65.00/hour
Administrative	\$60.00/hour



ATTACHMENT C

APPROVED WORK/PROJECT SCHEDULE



RO ENGINEERING, PLLC

Engineering & Construction Management

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

Work Authorization No. 2

Attachment “C”

Work Schedule

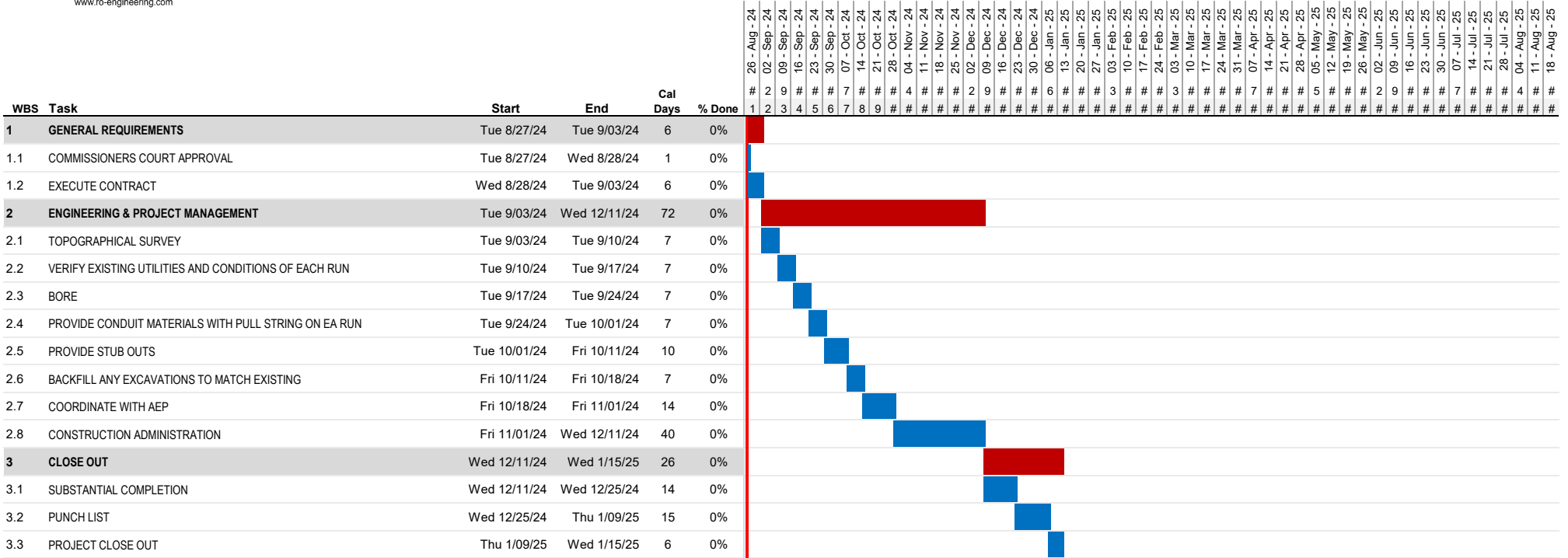
TBPE Firm Registration #F-12179

Gantt Chart

Hidalgo County PCT#4 Caledonia Estates



Project Lead: RENE OLIVAREZ, P.E.
Project Start Date: 8/27/2024 (Tuesday)
Today's Date: 8/27/2024 (Tuesday)





ATTACHMENT D

SUBCONTRACTOR LETTER



Subcontractor Letter



August 29, 2024

Jasmin Cantu
Contract Specialist III
County of Hidalgo Purchasing Department
2802 S Business Highway 281
Edinburg, Texas 78539

Re: Professional Engineering Services for Caledonia Estates Subdivision located in PCT 4

Ms. Cantu –

RO Engineering, PLLC would like to Thank You for the opportunity to work with Hidalgo County on this important project for the community. Please see below our subcontractor that we intend to use on this project.

Sub-Contractor:
H L Construction
308 E. Sioux Rd.
Alamo Tx 78516

If we can provide additional information or be of further service, please do not hesitate to contact Rene Olivarez, PE, CSSGB at 956.513.1849; r.olivarez@ro-engineering.com .

Sincerely,

A handwritten signature in blue ink that reads "Rene Olivarez".

Rene Olivarez, PE, CSSGB
Principal