EXHIBIT "F"
HIDALGO COUNTY
Professional Engineering Services
Agreement # C-22-0698-01-01

WORK AUTHORIZATION NO. 2

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of the Professional Engineering Services Agreement No. C-22-0698-01-01, incorporated herein by reference, for the "Davis Rd & Brushline Rd Flashing Beacon Project Proposal" made by and between HIDALGO COUNTY, action herein by and through the Commissioner's Court, hereinafter called the "**Owner**," and GDJ Engineering LLC, hereinafter called "**Engineer**".

PART 1. SCOPE OF WORK
The purpose of this Work Authorization is for the **Engineer** to provide design and construction management services for the Flashing Beacon Project at the intersection of Davis Road and Brushline Road.

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 **$ 21,363.00**.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-22-0698-01-01 between the **Owner** and the **Engineer**.

PART 4. FUNDING
This Work Authorization No. 2 shall be funded through funding source:
Account No. **3-1200-431-00-124-007-0-334**
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-22-0698-01-01 , 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-22-0698-01-01**.

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 on **09/19/23** as indicated below and effective as of **19th day of September, 2023.**

EXECUTED as of the day and year first written above.

APPROVED BY COMMISSIONERS' COURT ON SEPTEMBER 19, 2023.
Agenda Item No. 92487 **Executive Office: _____**

ENGINEER:
GDJ ENGINEERING, LLC
.

_____
Robert Macheska P.E., CFM, Executive VP/COO

COUNTY:
COUNTY OF HIDALGO

_____
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 A

PROJECT SPECIFIC SCOPE OF SERVICES TO BE PROVIDED BY ENGINEER

GDJ Engineering
www.GDJEng.com
2805 Fountain Plaza Blvd.,
Suite A, Edinburg, TX 78539
(956) 603-2025

September 13, 2023

Hon. Ellie Torres
Commissioner, Hidalgo County Pct. #4
1051 N. Doolittle Road
Edinburg, Texas 78542

RE: Davis Rd & Brushline Rd Flashing Beacon Project Proposal

Dear Commissioner Torres,

As discussed, attached for your review and approval is our proposal to provide design and construction management services for the Flashing Beacon Project at the intersection of Davis Road and Brushline Road.

This Work Authorization proposal is in the amount of **$21,636.00**.

Attached you will find the following documents in support of the proposal:

1. Attachment A "Scope of Services By Owner"
2. Attachment B "Scope of Services By Engineer"
3. Attachment C "Project Schedule"
4. Attachment D "Fee Estimate"

If this proposal is acceptable to you, I can assist in the preparation of the contract and work authorization documents for submittal to Commissioner's Court as you see fit. Thank you for this opportunity to assist Hidalgo County Precinct #4 in their transportation needs and should you have any questions regarding this submittal, do not hesitate to call me at (956) 603-2025.

Sincerely,

Robert Macheska, P.E., CFM
Executive VP/COO
GDJ Engineering, LLC

ATTACHMENT "A"
SCOPE OF SERVICES TO BE PROVIDED BY THE OWNER

The following provides an outline of the services to be provided by the **Owner** in the development of the PS&E for the design and construction management of a flashing beacon at the intersection of Davis Road and Brushline Road, located within Hidalgo County, hereinafter denoted as the **Project**.

GENERAL:

The **Owner** will provide to the **Engineer** the following:

1) Provide the authorization to proceed with services through coordination with the **Enginee**r.

2) Payment for work performed by the **Engineer** and accepted by the **Owner** in accordance with the Agreement.

3) Assistance to the **Engineer**, as necessary, to obtain the required data and information from other local, regional, State and Federal agencies the **Engineer** cannot easily obtain.

4) Provide any available relevant data the **Owner** may have on file concerning the **Project** including existing engineering documents or survey data.

5) Provide timely review and decisions in response to the **Engineer's** request for information and/or required submittals and deliverables, in order for the **Engineer** to maintain the agreed upon work schedule prepared in accordance with Exhibit "C" attached to this Work Authorization.

6) Attend and participate in progress meetings as required and as coordinated and conducted by **Engineer**.

ATTACHMENT "B"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

PROJECT DESCRIPTION

The services designated herein as "Services provided by the ENGINEER" shall include the performance of all engineering services for the following described facility:

COUNTY/CITY: Hidalgo County

CONTROL: _____

PROJECT/DESCRIPTION: Surveying, PS&E & Construction Management

LENGTH: @ Intersection

HIGHWAY: 1 Intersection

LIMITS: At Davis Road & Brushline Road

PROJECT CLASSIFICATION

(Place an "X" in only one Project Classification)

___ Surface Treatment
___ Overlay
___ Rehabilitation Existing Road (Scarify & Reshape)
___ Convert Non-Freeway to Freeway
___ Widen Freeway
___ Widen Non-Freeway
___ New Location Toll Freeway
___ New Location Non-Freeway
___ Interchange (New or Reconstruct)
___ Bridge Widening or Rehabilitation
___ Bridge Replacement
___ Upgrade to Standards - Freeway
___ Upgrade to Standards - Non-Freeway
_X_ Signal/Beacon Design

ENGINEER shall mean GDJ Engineering.

COUNTY shall mean Hidalgo County.

LPA shall mean Hidalgo County.

FIELD SURVEYING AND PHOTOGRAMMETRY

(Function Code 150)

TOPOGRAPHY AND CONSTRUCTION SURVEYS:

The SURVEYOR will perform Topography and Construction Surveying for the project which will include:

1. Primary Project Control: 3 to 5 mile spacing (Precision shall be 1 part in 20,000 or better, unless otherwise directed by the ENGINEER).
    a. Establish Horizontal Control Points
    b. Establish Vertical Control Points

    NOTE: ALL BEARING AND DISTANCE SHALL BE BASED ON THE STATE PLANE COORDINATE SYSTEM NAD 1983, SOUTH ZONE.

    ALL DISTANCES AND COORDINATES SHALL BE SURFACE AND MAY BE CONVERTED TO GRID BY MULTIPLYING BY A COMBINED SCALE FACTOR OF 0.999960

2. Secondary Project Control (Surveyor shall recover and/or reset H&V Control Points as provided by the Engineer and create Survey Data Sheets for inclusion in the Project Plans).
    a. No traverse should exceed 25 angle points. Planimetrics shall be 20 ft Lt & Rt from the proposed ROW as per the schematic provided by the Engineer.
    b. The unadjusted angular error should not exceed 2 seconds per angle, plus 14 seconds.
    c. The unadjusted ratio of precision should be one part in 10,000 or better (The ratio of precision is the total length of the traverse divided by the total error.).
    d. The unadjusted vertical error should not exceed 0.03 foot per mile of traverse.
3. Other Field Surveying
    a. **The limit of the Design surveys shall be 1,500-ft before and after the limits of the project as identified by the Project Engineer on the schematic. Establish horizontal and vertical control.** Set benchmarks at 1000-ft intervals along the project proposed right-of-way. Provide x, y, z for each Benchmark. Provide a BM along each outfall identified on the Hydrologic Map. The BM's shall be #5 I.R. 2-ft in depth set in concrete. **The surveyor shall provide an H&V Book (a Sample shall be provided by the Engineer to the Surveyor).** The Surveyor will provide a 3-pt reference sketch with ties to the BMs for inclusion the existing H&V Control Book. Establish benchmark circuit throughout the project with a tolerance of 0.03'/ft per mile error vertically.
    b. The Surveyor shall provide complete topographic and cross section survey, data processing, and CADD mapping (2D & 3D) for the limits of the project.
    c. The Surveyor shall locate all visible utilities, data processing and CADD mapping (2D & 3D) including irrigation lines. Follow sample provided by the Engineer.
    d. The Surveyor shall field locate cross culverts, driveway culverts, inverts, irrigation lines, within the project limits, data processing and CADD mapping (2D & 3D).
    e. Right of Entry, Right of Way Research, and Appraisal District Records is the responsibility of the Surveyor.
    f. The Surveyor shall also paint the proposed centerline on the existing pavement as approved by the ENGINEER (at 500-ft stations and a tick mark at 100-ft stations, 12 inches long with approved paint by ENGINEER) before construction for the purpose of utility adjustments and project location.
    g. Profile and cross section intersecting streets for ties into project (500-ft. beyond the proposed ROW per schematic and 20-ft wider than the existing ROW of intersecting street). Reference missing voids as per CD provided by the Engineer.

h. Cross section irrigation crossings for a distance of 20-ft beyond the proposed ROW at 100-ft intervals in a DTM file. Provide a complete description of irrigation appurtances as identified by the engineer sample layout.
i. Tie Horizontally and Vertically the existing storm drain system that lies within the existing proposed ROW including the elevation of the outfall of said recovered existing storm drain systems.
j. Tie to existing underground and overhead utilities (location, elevation and direction)
    i. Horizontally - The surveyor shall call the 1-800 number for the utilities to be marked on the ground as well as any city water and sewer lines. He shall tie all visible utility crossings with name, address and Phone #'s of utility companies. The engineer will coordinate with the utility companies and jointly the Surveyor and the Engineer will identify which utilities were missed and need to be tied down.
    ii. Vertically - The engineer shall identify all utilities that are potential conflicts and that need to be tied vertically. The engineer will advise the surveyor in writing of the needed vertical ties and the surveyor will tie the lines vertically once the surveyor has coordinated the exposure and provide the information to the engineer.
k. Additional Field Surveying as shown below:
    i. Irrigation Lines - The surveyor will meet with the engineer before he ties down any irrigation lines. The Engineer will provide him the existing Irrigation District Maps and the A&M Data of existing irrigation lines that are identified of record. He will follow the sample given to him by the engineer and tie the structures horizontally and vertically and provide Field Books to the engineer.
    ii. Outfalls - The surveyor will provide a complete 2D & 3D File including utilities of the outfall identified on the Hydrologic Map.
l. Driveways and Turnouts
    i. Inventory commercial entrances, public roads and side streets separately.
    ii. Obtain centerline station (Width at ROW, Pavement and existing radius).
    iii. Inventory by type (dirt, caliche, gravel or paved). If paved, indicate condition in terms of no patches, has patches or has potholes.
    iv. Obtain width at ROW line
    v. Obtain elevations at both edges of the driveway or turnout in line with any side drain.
m. ROW Staking (Existing and proposed @ 1,000 ft stations, PC's, PT's and Angle points as per ROW Map)
n. Soil core hole staking
o. Determine changes in topography from voids and outdated maps due to development, erosion, etc.
p. Profile existing drainage facilities, if applicable
q. Measure hydraulic openings under existing bridges, if applicable
r. Obtain elevations of manholes and valves of utilities, if applicable
s. Provide temporary signs, traffic control, flags, safety equipment, etc.
t. Provide ties to existing bridges or culverts that may conflict with new construction
u. If there is a Bridge widening, provide top of deck and/or top of cap elevations at the Profile Grade Line (PGL) and the edges of slab at bent locations.
v. Inventory signs, mailboxes and driveways
w. Survey controlled data sheets as per STATE guidelines

ADDITIONAL RESPONSIBILITIES

A. TRAFFIC CONTROL:

The SURVEYOR shall control traffic in and near surveying operations adequately to comply with provisions of the latest edition of the TxDOT Manual on Uniform Traffic Control Devices – Part VI and the latest edition of the Occupational Safety Manual both of which can be found on the TxDOT internet site.

In the event field crew personnel must divert traffic or close traveled lanes, a Traffic Control Plan based upon principles outlined in the latest edition of the TxDOT Manual on Uniform Traffic Control Devices – Part VI shall be prepared by the SURVEYOR and approved by the ENGINEER prior to commencement of field work. A copy of the approved plan shall be in the possession of field crew personnel on the job site at all times and shall be made available to the ENGINEER for inspection upon request.

B. INVOICING:

Payment requests shall include a SURVEYOR's invoice. With each payment request, the SURVEYOR shall submit a project status report which will, as a minimum, include the percentage of total work complete as of the date of the payment request and a description of current work activity. The percentage of total work complete shall not be based simply on the percentage of funds expended, but shall be based on the best judgment of the SURVEYOR as to the percentage of actual work complete.

C. EASEMENTS, LETTERS OF PERMISSION, ETC.

The SURVEYOR shall be responsible for delineating easements. The SURVEYOR will be responsible for securing the necessary legal instruments and obtaining all Right-of-Entries (ROEs).

D. MEETINGS:

The ENGINEER shall setup the necessary meetings with the SURVEYOR in order to assure all field information is provided on-time and products are delivered in accordance with TxDOT's/LPA's specifications. SURVEYOR must attend all meetings involving data provided if requested by ENGINEER.

E. PROJECT MANAGER/SURVEYOR COMMUNICATION:

The SURVEYOR shall designate one Texas Registered Professional Land Surveyor (RPLS) to be responsible throughout the project for project surveying coordination and all communications, including billing, with the ENGINEER.

F. OFFICE LOCATION:

The SURVEYOR will perform the services to be provided under this agreement out of a local office and have a crew available to perform requested tasks within 24 hours of request. The coordinating SURVEYOR's Project Manager (RPLS) shall be accessible at all times and working from the local office.

SIGNING, MARKINGS AND SIGNALIZATION

(Function Code 162)

PAVEMENT MARKINGS:

The ENGINEER will provide flashing beacon layouts for the needed construction repairs along the project limits. The services will include:

1. Traffic Signals (if applicable)
    a. Development of Justification (Warrant) Data
        i. Location Map
        ii. Photographs as appropriate
        iii. Accident data as appropriate
        iv. Vehicle volumes (existing, estimated, projected, and pedestrian)
        v. Traffic Survey – Count Analysis
        vi. Recommendation based on the collected data
    b. Layout
        i. Title Sheet (when applicable)
            1. Describe the location
            2. Type of installation
            3. Area map with project limits for each location
            4. Index of sheets
            5. Space for official signatures
        ii. Estimate and quantity sheet (when applicable)
            1. List of all bid items
            2. Bid item quantities
            3. Specification item number
            4. Paid item description and unit of measure
        iii. Basis of estimate sheet
        iv. General notes and specification data sheet
        v. Condition Diagram
            1. Highway and intersection design features
            2. Roadside development
            3. Traffic control including illumination
        vi. Plan Sheets(s)
            1. Existing traffic control that will remain (signs and markings)
            2. Existing utilities
            3. Proposed highway improvements
            4. Proposed installation
            5. Proposed additional traffic controls
            6. When applicable, proposed conduit for Railroad interconnect with standard details for runs under tracks
            7. Proposed illumination attached to signal poles
        vii. Notes for plan layout
        viii. Elevation sheet(s) (span wire design)
        ix. Phase sequence diagram(s)
            1. Signal locations
            2. Signal indications
            3. Phase Diagram
            4. Signal sequence table
            5. Flashing operation

6. Preemption operation
7. Interval timing, cycle length and offset

x. Construction Detail Sheets
1. Poles, Detectors, Pull box and conduit layout & Controller Foundation

xi. Marking Details (when applicable)

xii. Barricade and warning sign standard sheet and any special details for work zone traffic control for special conditions

xiii. Aerial or underground interconnect details (when applicable)

c. General Requirements
i. Contact the local utility company
1. Confirm Power Source
2. Discuss route of aerial or underground interconnect cable
3. Adjustment of overhead utility lines

ii. Prepare governing specifications, special provisions list and estimate

d. Summary of Quantities

PROJECT MANAGEMENT

(Function Code 164)

MEETINGS, COORDINATION & SUPPORT FOR PROJECT MANAGEMENT:

The ENGINEER shall meet and coordinate with all relevant entities (i.e. County, Regional Mobility Authority, Texas Department of Transportation, Rio Grande Valley Metropolitan Planning Organization, etc…) and all other affected parties. The Engineer shall serve as representative for the LPA in coordination items. The Engineer shall coordinate with the LPA's staff on all Project related items.

CONSTRUCTION PHASE SERVICES

(Function Code 320)

The ENGINEER will provide engineering and support services for and during the construction of the Project or portions of the Project approved by the LPA. Specific (basic and special) services for CONSTRUCTION MANAGEMENT AND SUPPORT by the ENGINEER will include the following:

CONSTRUCTION CONTRACT ADMINISTRATION AND INSPECTION:

1. In general, the ENGINEER will provide the management and engineering support/data required for consultation and advisement to the LPA and act as the LPA's representative as provided in the General Condition of the Construction Contract.

2. The ENGINEER will coordinate and conduct a pre-construction conference (if required).

3. Defects and Deficiencies. The ENGINEER will use his best efforts to protect the LPA against defects and deficiencies in the work of the Contractor. The ENGINEER will promptly notify the LPA of any such defect or deficiency, and take all steps possible to require the Contractor to correct the defect or deficiency.

4. Contractor Payment. The ENGINEER will review quantities as submitted by the Contractor and will coordinate with the LPA for the preparation of the monthly and final estimates for payment to the Contractor.

5. The ENGINEER will provide Project site inspection of the authorized construction contract as follows:

    a. Project Engineer. The ENGINEER will provide visits by the Project Engineer or a competent representative of the ENGINEER to the site of construction for the purpose of monitoring the Contractor's progress and conformance to the construction contract plans and specifications.
    b. Resident Engineer and/or Construction Inspector(s). The ENGINEER will furnish the services of a Resident Engineer and/or Construction Inspector(s) for on the site inspection construction to monitor/inspect the Contractor's daily progress and conformance to TxDOT's PS&E specifications.

MISCELLANEOUS TECHNICAL ACTIVITIES:

1. Shop Drawings. The ENGINEER will review and check all shop or working drawings furnished by the Contractor.

2. Control of Materials & Equipment. The ENGINEER will provide inspection of all materials and equipment furnished/used by the Contractor as follows:

    a. Review and record all laboratory, shop and mill tests of materials and equipment for compliance with the construction contract specifications.
    b. Observe and/or perform Project record testing and/or independent assurance testing as outlined in the construction contract specifications.

3. Change Orders. When applicable the ENGINEER will prepare the engineering data, including plan sheet drawings, specifications, and estimates, for the preparation of construction contract change orders, which may be required due to actual field conditions encountered or new requirements directed by the LPA.

ADDITIONAL RESONSIBILITIES

EASEMENTS, LETTERS OF PERMISSION, ETC.:
The ENGINEER shall be responsible for delineating easements. The ENGINEER will be responsible for securing the necessary legal instruments.

MEETINGS:
Meetings will be held with the FHWA, State Officials, local governments, property owners, utility owners, railroad companies, other consulting firms, etc., as needed or required by the LPA. The ENGINEER shall coordinate through the LPA for the development of this project with any local entity having jurisdiction or interest in the project (i.e., city, county, etc).

SPECIFICATIONS, SPECIAL PROVISIONS, SPECIAL SPECIFICATIONS:
Use the State's standard specifications or previously approved special provisions and/or special specifications. If a special provision and/or special specification is developed for this project, it shall be in the State's format and incorporate references to approved State test procedures.

PROJECT MANAGER/ENGINEER COMMUNICATION:
The ENGINEER shall designate one Texas Registered Professional Engineer to be responsible throughout the project for project management and all communications, including billing, with the LPA**'s** Director.

Any replacements to the ENGINEER's designated Project Manager/Engineer must be approved by the LPA.

Engineering documents produced for the department's engineering projects shall be signed, sealed and dated or CADD sealed in accordance with Administrative Order No. 5-89 and Administrative Circular No. 26-91.

DESIGN RESPONSIBILITIES:

The ENGINEER is responsible for design errors and/or omissions that become evident before, during or after construction of the project. The ENGINEER's responsibility for all questions arising from design errors and/or omissions will be determined by the LPA and all decisions shall be final and binding. This would include, but not necessarily be limited to:

1. All design errors and/or omissions resulting in additional design work to correct the errors and/or omissions.
2. Preparation of design documents and detail drawings necessary for a field change due to design errors and/or omissions.
3. Revision of original tracings to the extent required for a field change due to design errors and/or omissions.

The ENGINEER shall promptly make necessary revisions or corrections resulting from the ENGINEER's errors, omissions or negligent acts without additional compensation. Acceptance of the work by the LPA will not relieve the ENGINEER of the responsibility for subsequent correction of any such errors or omissions or for clarification of any ambiguities.

DOCUMENT AND INFORMATION EXCHANGE:

Data, Plan Sheets, General Notes and/or Specifications provided to the LPA shall be furnished on 8GB USB flash drives. Each 8 GB flash drive shall have a file titled Table of Contents. The Table of Contents shall indicate the locations of files within the directory structure of the documentation.

General Notes and specifications shall be provided in MS Office 2007 format. Plan sheets shall be provided in Microstation DGN or GEOPAK GPK format. PDF copies of plan sheets shall also be provided.

Two copies of the documentation shall be provided to the LPA.

If required, the ENGINEER shall provide to the LPA, a CD that contains all the plan sheets for the project. The graphics tape shall be compatible with the LPA's computer system.

CD Tape Required (YES or NO): YES

PROPOSAL TIME:

The time indicated in the proposal and the contract shall include time necessary for reviews, approval, etc.

OFFICE LOCATION:

The ENGINEER will perform all services to be provided under this agreement out of their office located at: 2805 Fountain Plaza Blvd., Suite A, Edinburg, Texas 78539

ATTACHMENT B

FEE PROPOSAL

CONTRACT RATES

LABOR CLASSIFICATION	CONTRACT RATE
Senior Project Manager/Principal	$ 185.00
Project Manager	$ 160.00
Project Engineer	$ 138.00
Utility/Environmental Manager	$ 132.00
Construction Manager	$ 125.00
Environmental Specialist	$ 99.00
Engineer-In-Training	$ 95.00
GIS Operator	$ 87.00
Engineering Technician	$ 82.00
Admin/Clerical	$ 55.00

DIRECT EXPENSES	COST
Postage	At Cost
Black And White Copies	No Cost
Color Copies	$0.50 per Page
Fax	No Cost
Overnight Mail - Letter Size	$15.00 per Each
Overnight Mail - Oversized Box	$38.00 per Each
Long Distance Charges	No Cost
Mileage	Federal Rate
Travel Expenses (Lodging)	$90.00 per Night
Travel Expenses (Airfare)	At Cost
Scans To File	No Cost
Recording Fees	At Cost

"Attachment D"
Fee Estimate

Hidalgo County Precinct #4: Flashing Beacon Project - Fee Proposal

At Intersection of Davis Road & Brushline Road

		Flashing Beacon Project Fee Proposal - Hidalgo County Pct. #4: Intersection of Davis Rd & Brushline Rd	MANHOURS: Principal/Senior Project Manager	Project Manager	Agency Coordination/ Utility Manager	Project/Design Engineer	Construction Manager	EIT	Engineering Tech	Admin/Clerical	Total Hours	Total Line Item Cost
		TASK										
		SURVEY & DESIGN										
	1	Data Collection		4	10	10			4		28	$ 3,668.00
	2	PS&E Development	2	8	10	12		16	20	4	72	$ 8,006.00
	3	Project Management	2	2	2	2				2	10	$ 1,340.00
		Sub Total (Survey & Design)	**4**	**14**	**22**	**24**	**0**	**16**	**24**	**6**	**110**	**$ 13,014.00**
		CONSTRUCTION MANAGEMENT										
	4	Construction Management & Inspection	2	4	4		44	4			58	$ 7,418.00
	5	Miscellaneous Technical Activities	2	2	2		2				8	$ 1,204.00
		Sub Total (Construction Management)	**4**	**6**	**6**	**0**	**46**	**4**	**0**	**0**	**66**	**$ 8,622.00**
Total Labor Hours			**8**	**20**	**28**	**24**	**46**	**20**	**24**	**6**	**176**	
Contract Rate			$ 185.00	$ 160.00	$ 132.00	$ 138.00	$ 125.00	$ 95.00	$ 82.00	$ 55.00		
Total Labor Costs			**$ 1,480.00**	**$ 3,200.00**	**$ 3,696.00**	**$ 3,312.00**	**$ 5,750.00**	**$ 1,900.00**	**$ 1,968.00**	**$ 330.00**		**$ 21,636.00**

LINE ITEM EXPENSES

N/A	$	-
Total Expenses	**$**	**-**
GDJ Engineering Total Cost		**$ 21,636.00**

ATTACHMENT C

APPROVED WORK/PROJECT SCHEDULE

ATTACHMENT "C" - WORK SCHEDULE
Davis Rd Brushline Rd
Flashing Beacon Design/Const. Mngmt

TASK AND DESCRIPTION	2023														2024			
	SEPT		OCTOBER				NOVEMBER				DECEMBER				JANUARY			
	WK3	WK4	WK1	WK2	WK3	WK4	WK1	WK2	WK3	WK4	WK1	WK2	WK3	WK4	WK1	WK2	WK3	WK4
Hid Cty Pct #4 - Flashing Beacon Design																		
Notice To Proceed																		
Design Tasks																		
Data Collection																		
PS&E for 2-Flashing Beacons (Chapin & Rogers)																		
Construction Tasks																		
Advertise for Construction Bids																		
Receive Bids & Award																		
Construction Management Operations																		

GDJ ENGINEERING TEAM TASK
HIDALGO COUNTY TASK