

-Work Authorization Form

**HIDALGO COUNTY  
Professional Construction  
Material Testing Engineer Services**

**WORK AUTHORIZATION NO. 1**

**THIS WORK AUTHORIZATION** is made pursuant to the terms and conditions of Section I.A. of the Agreement made by and between **HIDALGO COUNTY**, action herein by and through the **Commissioner's Court**, hereinafter called the "**Owner**," and, **LAZCAMREA, LLC d/b/a: Fulcrum Consulting Services** professional engineers of **La Feria**, Texas, hereinafter called "**Engineer**".

**PART 1. SCOPE OF WORK**

The purpose of this Work Authorization is for the "engineering services" to provide **Engineering Services and Construction Material Testing Engineer Services**.

The scope of services to be provided by the **Owner** is identified in **EXHIBIT "A" – Scope of Services to be provided by the Owner** attached hereto.

The scope of services to be provided by the **Engineer** is identified in **EXHIBIT "B" – Scope of Services to be provided by the Engineer** attached hereto.

**PART 2. ESTIMATED COST**

The estimated cost for services under this Work Authorization is **\$21,800.00**. This amount is based upon the costs outlined in the Estimated **Cost Proposal** attached hereto as **EXHIBIT "D"**.

**PART 3. PAYMENT**

Compensation and payment to the Engineer for the services established under this Work Authorization shall be made in accordance with **Article/Part/Section 4** of the Agreement.

**PART 4. FUNDING**

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

Account No. **5015-20-0306-5000-2000**

Purchase Order 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 scopes of the work authorization.

**PART 6. RESPONSIBILITIES AND OBLIGATIONS**

This Authorization does not waive the parties' responsibilities and obligations provided under the **Agreement.**

**PART 7. ACKNOWLEDGEMENT AND CONFIRMATION**

Acknowledgement and Confirmation by Hidalgo County Urban County Program, Diana Serna (Director) as to content and detail of this **Work Authorization No. 1.**

**HIDALGO COUNTY  
URBAN COUNTY PROGRAM**

BY: \_\_\_\_\_  
Diana R. Serna, Director

**PART 8. ACCEPTANCE AND APPROVAL**

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on August 9, 2016 as indicated below and effective as of \_\_\_\_\_ day of \_\_\_\_\_, 2016.

**THE OWNER:  
HIDALGO COUNTY**

\_\_\_\_\_  
By: Ramon Garcia, County Judge

**ATTEST:**

\_\_\_\_\_  
Arturo Guajardo Jr., County Clerk

**THE ENGINEER:  
LAZCAMREA, LLC d/b/a:  
Fulcrum Consulting Services**

\_\_\_\_\_  
By: Dan Campos, P.E. - Vice President

**LIST OF ATTACHMENTS:**

- EXHIBIT A** -Scope of Services to be provided by the County
- EXHIBIT B** -Scope of Services to be provided by the Engineer
- EXHIBIT C** -Work Schedule
- EXHIBIT D** -Cost Proposal

# **EXHIBIT A**

## **Services to be provided by the County**

The following provides an outline of the services to be provided by the Owner in the development of Projects (as defined and more particularly identified in Exhibit "A" attached to this Agreement).

### **General:**

The Owner will provide to the Engineer the following:

- 1) Provide the authorization to proceed with services through coordination with the project consulting and design Engineer.
- 2) Payment for work performed by the Engineer and accepted by the Owner in accordance with Article 3 of this 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 projects.
- 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 "A" attached to this Agreement.
- 6) Attend and participate in progress meetings as required and as coordinated and conducted by Engineer.
- 7) Provide the authorization to proceed with services on project by project basis through consulting design and construction Engineer.

## **EXHIBIT B**

-Scope of Services to be provided by the Engineer



# FULCRUM

## CONSULTING SERVICES

PLANNERS \* ENGINEERS \* ARCHITECTS

City of Edcouch  
2015 Park Recreational Facility Improvement Project  
Scope of Services

The scope involves replacement of deteriorated park equipment caused by weathering and aging and improvements to Bell City Park located along Industrial Street between Crenshaw Street and Adkins Avenue. Bell City Park improvements consist of adding restroom facilities, parking lot expansion and overlay of the existing parking as well as parking lot stripping. Approximately 500 ft. of 5 ft. wide concrete sidewalk and approximately 1,142 ft. of 6 ft. wide walking asphalt trail is being planned including sand volley ball court and rehabilitation of the existing basketball court.

Fulcrum Consulting Services scope of work will include the following engineering, planning and design work:

- Design of the restroom facilities
- Engineer the extension of water and sewer service to the restroom facility
- Design of the parking lot expansion and overlay of existing parking lot which will include geotechnical services needed for subgrade prep work
- Design of the sidewalk walking path, volley ball court and asphalt walking trail
- Planning for the rehabilitation of the existing basketball court.

In addition to design phase services, Fulcrum Consulting Services scope of work will also include material testing during construction. Our office proposes to convey these improvements to Bell City Park into a set of contract documents, construction plans and specifications.



**EXHIBIT C**  
-Engineer Contract Rates



# FULCRUM

## CONSULTING SERVICES

PLANNERS \* ENGINEERS \* ARCHITECTS

City of Edcouch  
Professional Engineering, Geotechnical and Construction Material Testing  
Fee-breakdown  
2015 Park Recreational Facility Improvement Project  
Prepared by:

### SCOPE OF SERVICES

Preliminary design	\$ 2,385.00
Design	\$ 9,540.00
Construction Administration	\$ 3,975.00
Geotechnical Engineering	\$ 2,400.00
Construction Material Testing	\$ 3,500.00
Total:	\$21,800.00

Should you have any questions or need additional information please feel free to contact our office at 956-797-3411.

Thank you,



George E. Lazaro, P.E.  
Fulcrum Consulting Services



F-12369

**CITY OF EDCOUCH**

Project Name: 2015 Park Recreational Facility Improvement Project

Planning & Engineering							
	Principal	Project Engineer	Design Engineer	Engineering Technician	CAD Tech.	CAD Tech.	Admin. Assist.
101 - Project Administration	10	3	4	1	2	0	2
101 - Field Work & Design Criteria	5	9	9	9	11	13	5
101 - Final Design	10	9	10	10	10	13	5
101 - Construction	0	6	0	4	0	4	10
<b>TOTAL HOURS</b>	<b>25</b>	<b>27</b>	<b>23</b>	<b>24</b>	<b>23</b>	<b>30</b>	<b>22</b>
<b>BILLING RATE</b>	<b>\$150.00</b>	<b>\$140.00</b>	<b>\$110.00</b>	<b>\$65.00</b>	<b>\$60.00</b>	<b>\$60.00</b>	<b>\$50.00</b>
<b>SUBTOTAL - LABOR COST</b>	<b>\$3,750.00</b>	<b>\$3,780.00</b>	<b>\$2,530.00</b>	<b>\$1,560.00</b>	<b>\$1,380.00</b>	<b>\$1,800.00</b>	<b>\$1,100.00</b>
<b>TOTAL ENGINEERING</b>							<b>\$15,900.00</b>

Geotechnical Engineering (Design Phase)						
	Principal	Drilling Sub.	Project Engineer	Technician	Admin. Assist.	
101 - Project Administration	0	0	0	0	2	
101 - Field Work & Design Criteria	0	4	0	22	0	
101 - Final Design	2	0	8	0	0	
101 - Construction	0	0	0	0	0	
<b>TOTAL HOURS</b>	<b>2</b>	<b>4</b>	<b>8</b>	<b>22</b>	<b>2</b>	
<b>BILLING RATE</b>	<b>\$135.00</b>	<b>\$110.00</b>	<b>\$95.00</b>	<b>\$40.00</b>	<b>\$25.00</b>	
<b>SUBTOTAL - LABOR COST</b>	<b>\$270.00</b>	<b>\$440.00</b>	<b>\$760.00</b>	<b>\$880.00</b>	<b>\$50.00</b>	
<b>TOTAL ENGINEERING</b>						<b>\$2,400.00</b>

Construction Phase Material Testing						
	Principal	Project Engineer	Technician	Admin. Assist.		
101 - Project Administration	0	0	0	3		
101 - Field Work & Design Criteria	6	6	0	0		
101 - Final Design	0	0	0	0		
101 - Construction	3	6	26	0		
<b>TOTAL HOURS</b>	<b>9</b>	<b>12</b>	<b>26</b>	<b>3</b>		
<b>BILLING RATE</b>	<b>\$135.00</b>	<b>\$95.00</b>	<b>\$40.00</b>	<b>\$35.00</b>		
<b>SUBTOTAL - LABOR COST</b>	<b>\$1,215.00</b>	<b>\$1,140.00</b>	<b>\$1,040.00</b>	<b>\$105.00</b>		
<b>TOTAL ENGINEERING</b>						<b>\$3,500.00</b>

**EXHIBIT D**  
Cost proposal

**City of Edcouch**  
**2015 Park Recreational Facility Improvement Project**  
Hidalgo County, Texas

CONSTRUCTION ESTIMATE						
Item	Map #	Description	Unit	Quantity	Unit Price	Total
<b>BELL PARK IMPROVEMENTS</b>						
1		6 ft. wide Asphalt Trail	S.Y.	800	\$11.00	\$8,800.00
2		6 ft. high perimeter fencing	L.F.	1300	\$25.00	\$32,500.00
3		Sand Volleyball Court	I.S.	1	\$5,000.00	\$5,000.00
4		Parking Lot Overlay and Stripping	S.Y.	300	\$14.00	\$4,200.00
5		1-1/2" HMAC - Parking Lot Addition	S.Y.	110	\$11.00	\$1,210.00
6		6" Compacted Caliche Base - Type D Grade 6	S.Y.	110	\$8.00	\$880.00
7		6" Subgrade Prep, Lime Stabilized	S.Y.	110	\$7.50	\$825.00
8		Park Restroom Facility	I.S.	1	\$67,500.00	\$67,500.00
9		5 ft. wide Concrete Sidewalk	S.F.	2520	\$10.00	\$25,200.00
10		2" Water Service line	L.F.	35	\$12.00	\$420.00
11		4" FVC Sewer Service line	L.F.	40	\$16.00	\$640.00
12		Tie-in to Existing 6" Sewer Main	I.S.	1	\$800.00	\$800.00
13		Tie-in to Existing 8" Water Main	I.S.	1	\$800.00	\$800.00
14		Park Water Fountain	Ea.	1	\$4,500.00	\$4,500.00
15		Basketball Court Resurfacing & Stripping	I.S.	1	\$5,800.00	\$5,800.00
					<b>Total Cost of Improvements:</b>	<b>\$159,075.00</b>
<b>Engineering &amp; Construction Phase Services</b>						
Item	Description	Unit	Quantity	Unit Price	Total	
1	Basic Engineering & Administrative	I.S.	1	\$13,006.00	\$13,006.00	
2	Geotechnical Engineering (Design Phase)	I.S.	1	\$2,400.00	\$2,400.00	
3	Construction Phase Material Testing	I.S.	1	\$3,500.00	\$3,500.00	
					<b>Engineering Subtotal:</b>	<b>\$18,906.00</b>
					<b>TOTAL PROJECT COST:</b>	<b>\$180,875.00</b>



Prepared By:

