



there is a conflict between this Sixth Work Authorization and the Agreement for Professional Services, the provisions of this Sixth Work Authorization shall prevail with regard to the conflict.

**FORT BEND COUNTY**

**IDCUS, INC.**

\_\_\_\_\_  
KP George, County Judge

\_\_\_\_\_  
Authorized Agent- Signature

Larry Janak, PE

\_\_\_\_\_  
Date

\_\_\_\_\_  
Authorized Agent- Printed Name

President & CEO

ATTEST:

\_\_\_\_\_  
Title

12/1/2020

\_\_\_\_\_  
Laura Richard, County Clerk

\_\_\_\_\_  
Date

Reviewed by:

\_\_\_\_\_  
Perri D'Armond  
Public Transportation Director

**LIST OF EXHIBITS**

- |           |                              |
|-----------|------------------------------|
| Exhibit A | Scope of Work and Cost Sheet |
| Exhibit B | Work Schedule                |

**AUDITOR'S CERTIFICATE**

I hereby certify that funds are available in the amount of \$ \_\_\_\_\_ to accomplish and pay the obligation of Fort Bend County under this contract.

\_\_\_\_\_  
Robert Ed Sturdivant, County Auditor

EXHIBIT A  
SCOPE OF WORK & COST SHEET



August 28, 2020

Ms. Perri D'Armond  
 Director, Public Transportation  
 Fort Bend County  
 Public Transportation Department  
 3737 Bamore Road  
 Rosenberg, Texas 77471

Re: Westpark Park & Ride Water Well System and On-Site Sewage Facility (Septic System)

Dear Ms. D'Armond:

IDCUS is submitting for your review and authorization the cost proposal for the above referenced project. This work is necessary to provide water and sanitary sewer for the restroom of Westpark Park & Ride, and future maintenance facility. The proposed scopes of services are summarized as follows:

<i>Consultant</i>	<i>Tasks</i>	<i>Estimate Cost</i>
<b>IDCUS</b>	Revising Civil Plans	\$27,704.00
<b>PGAL</b>	Revising Architectural Plans	\$9,920.00
<b>DBR</b>	Revising MEP Plans	\$6,600.00
<b>WaterEngineers</b>	Designing Water Well & Septic System	\$23,100.00
<b>HVJ</b>	Construction Materials Engineering & Testing	\$78,498.00
<b>LandTech</b>	Preparing survey plat, metes & bounds for control easement of proposed water well.	\$1,550.00
		<b>Total: \$147,372.00</b>

The total cost of above proposed work is **\$147,372.**

Please contact me to discuss any comments.

Sincerely,

Larry F. Janak, P.E.  
 Project Manager

Cc:

**SCOPE OF SERVICE  
WESTPARK PARK & RIDE  
WATER WELL AND SEPTIC SYSTEM**

**General Scope of the Project**

The work to be performed by the Engineer under this WA modification consists of providing design services for revising the layout for the proposed Westpark Park and Ride facilities on Fort Bend County's property, described in F.B.C.C.F No. 972666, located within the 1980 block along the north ROW of FM 1093, approximately 1.0 mile east of Mason Road.

These revisions are necessary to incorporate changes to the previously approved layout to include: addition of water well and septic system to provide water and sanitary service to proposed bathroom and future service facility at the back of proposed Westpark park and ride. Existing utilities sheet will be modified to depict new connections and new utility layout sheet will be added to show new water well and septic system at the rear property. Drainage and SW3P drawings will be revised to incorporate changes.

**WESTPARK PARK & RIDE REVISIONS**

**A General Project Management / Admin**

1. Project management and sub-contract administration.
2. Invoicing and progress report (2).
3. Attend project meeting as necessary (3).
4. Subconsultant coordination.

**B Updating Civil Plan Set**

1. Civil Design
  - a. Revise contour layout to incorporate grading changes for water well and septic system in back area of proposed park and ride.
  - b. Prepare maintenance access drive (flex base) layout to water well and septic system.
2. Utility Design
  - a. Revise existing utility layout sheet to depict new connections to new systems.
  - b. Prepare proposed water well and septic tank layout sheet.
3. Miscellaneous Design
  - a. Revise index sheet to incorporate changes.
  - b. Revise quantities and construction estimate.
  - c. Revise general notes; add and remove specifications as necessary.
  - d. Revise SW3P sheets to incorporate water well and septic system.
  - e. Revise project and construction schedule as necessary.
  - f. Revise project manual as necessary.
  - g. Reassemble PS&E plan set as necessary.
  - h. Perform QA/QC for plan set and quantity/construction cost estimate.

- C Updating Architectural and Structural Design**
  - 1. See attached PGAL scope of work.
  
- D Updating MEP Design**
  - 1. See attached DBR scope of work.
  
- E New Water Well and Septic System**
  - 1. See attached WaterEngineers scope of work.
  
- F Construction Materials and Engineering Testing Services**
  - 1. See attached HVJ scope of work.
  
- G New Water Well Control Easement**
  - 1. See attached Landtech scope of work.

WESTPARK PARK AND RIDE  
WATER WELL SEPTIC SYSTEM



PROPOSAL FOR PROFESSIONAL SERVICES

BASIC DESIGN SERVICES

RAW SALARY		Hourly Rate	\$78.00	\$74.00	\$57.00	\$49.00	\$34.00	\$26.00							
(3.0 Multiplier)		Loaded Rate	\$234.00	\$222.00	\$171.00	\$147.00	\$102.00	\$78.00		TOTALS					
Task		Project Manager		Quality Manager		Project Engineer		Senior Designer		CADD	Clerical				
2.1.2 WATER WELL & SEPTIC SYSTEM		Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost		
A		General Project Management / Admin													
	1. Project Management, Sub-contract Administration	4	\$936.00		\$0.00	3	\$513.00		\$0.00		\$0.00		\$0.00	7	\$1,449.00
	2. Invoice & Progress Report	2	\$468.00		\$0.00	2	\$342.00		\$0.00		\$0.00	8	\$624.00	12	\$1,434.00
	3. Project Meeting (3)	6	\$1,404.00		\$0.00	6	\$1,026.00		\$0.00		\$0.00		\$0.00	12	\$2,430.00
	4. Sub-Consultant Coordination	2	\$468.00		\$0.00	5	\$855.00		\$0.00		\$0.00		\$0.00	7	\$1,323.00
B		Updating Civil Plan Set													
	1. Civil Design	4	\$936.00		\$0.00	9	\$1,539.00	13	\$1,911.00	16	\$1,632.00		\$0.00	42	\$6,018.00
	2. Utility Design	4	\$936.00		\$0.00	9	\$1,539.00	12	\$1,764.00	16	\$1,632.00		\$0.00	41	\$6,159.00
	3. Miscellaneous Design	6	\$1,404.00	6	\$1,332.00	10	\$1,710.00	16	\$2,352.00	18	\$1,836.00		\$0.00	56	\$9,018.00
	Total Hours/Cost	28	\$6,552.00	6	\$1,332.00	44	\$7,524.00	41	\$6,027.00	50	\$5,100.00	8	\$624.00	177	\$27,159.00

DIRECT EXPENSES

Copies B/W (8 1/2" X 11")	Each	\$	0.10	300	\$	30.00
Copies Color (8 1/2" X 11")	Each	\$	0.70	150	\$	105.00
Copies B/W (11" X 17")	Each	\$	0.20	240	\$	48.00
Copies Color (11" X 17")	Each	\$	1.50	164	\$	246.00
22"X34" Mvlars	Each	\$	4.00	0	\$	-
Vehicle Mileage	Mile	\$	0.550	120	\$	66.00
Courier Services	Each	\$	25.00	2	\$	50.00
Other Direct Expenses Sub-Total (Reimbursable)					\$	545.00

IDCUS.FEE SUMMARY

2.1.2	Water Well & Septic System	\$27,159.00
	Direct Expenses	\$545.00
		<b>\$27,704.00</b>



June 23, 2020

Mr. Larry F. Janak, P.E.  
IDC Inc.  
1111 Wilcrest Green, Suite 200  
Houston, Texas 77042

ALEXANDRIA  
ATLANTA  
AUSTIN  
BOCA RATON  
CHICAGO  
DALLAS  
HOBOKEN  
HOUSTON  
LAS VEGAS  
LOS ANGELES

**Ref: Westpark Park & Ride Facility: Additional Fee Proposal**

Dear Larry:

PGAL is pleased to submit this proposal for additional engineering and MEP services to update the plans based on the addition of a water well and a septic system. The following are the required services and estimated cost:

- Revisions to the architectural plans to correctly depict the revised utility information.
- Addition of a new utility layout to show water well, septic system and connecting pipes.
- Required plans and specifications for water well and septic system.
- MEP revisions to account for new power requirements.

The following is a summary of the estimated cost of the different tasks:

Architectural Plans & new utility layout	\$ 9,920.00
Water well, septic system & permitting	\$23,100.00
MEP	<u>\$ 6,600.00</u>
TOTAL	<u>\$39,620.00</u>

Please call me if you have any questions or comments.

Very truly yours,

Costas Georghiou, P.E.  
Project Principal

PGAL Project No.: R1000730.00

June 11, 2020

William Pace, P.E.  
PGAL  
3131 Briarpark, Suite 200  
Houston, Texas 77042

RE: Proposal to Provide Consulting Engineering Services for Designing On-Site Sewage Facilities & New Public Water Well System for the Proposed FBC Park and Ride Fort Bend County, Texas.

Dear Mr. Pace:

WaterEngineers, Inc. (CONSULTANT) proposes to provide professional engineering services to PGAL (CLIENT) for preparation of permit applications and engineering designs for a public water system (PWS) and On-Site Sewage Facilities (OSSF) to serve the proposed Fort Bend County Park and Ride facility to be located on Westpark Toll Road near the intersection of Westpark Toll Road and Mason Road, Fort Bend County, Texas.

CLIENT shall provide CONSULTANT with any existing or proposed engineering plans, including a site plan, a metes and bounds description of the subject property, an official copy of the warranty deed, and recent survey of the subject property.

### **BASIC SERVICES**

CONSULTANT shall provide CLIENT with engineering services for preparation of engineering plans, specifications, regulatory permits, and approvals for on-site water and wastewater systems for the proposed church.

CLIENT shall provide CONSULTANT with the following:

1. Site plan of the property showing the location of proposed improvements in electronic format (AutoCAD readable)
2. Recent topographic survey of the site
3. Official copy of the deed with an accurate metes and bounds description
4. Recent Owner Financial Information as required by TCEQ
5. Phase 1 Site Assessment Report from purchase of the property (if available)
6. Written correspondence from adjacent utilities denying to extend service (if available)

### **SCOPE OF CONSULTANT'S BASIC SERVICES**

#### **Well Permit Application**

CONSULTANT shall prepare a well permit application and submit it to the Fort Bend Subsidence District. The cost of the permit (\$200) is not included in CONSULTANT's fee and may be paid

by CLIENT or will be paid by CONSULTANT and invoiced as an Additional Service as set forth in Exhibit "A".

### **TCEQ Exception Request Submittal**

Although it is not anticipated to be required, if it is required by TCEQ separation rules, CONSULTANT shall prepare an exception request submittal to TCEQ for exception(s) for the portions of the 150-foot sanitary control easement that do not fall on the subject property and cannot be obtained, and any other setback conflicts which do not meet TCEQ Chapter 290 requirements. Review and approval of Exception Requests by TCEQ typically requires 100 days, but can run concurrently under certain situations.

### **Public Water Supply System Design & Approval**

CONSULTANT shall prepare the technical submittal including the TCEQ required requests for service from nearby utilities, justification for constructing a public water system (PWS) if service request responses are positive, but unacceptable, water well design, sizing and hydraulic calculations, and a draft of a recordable sanitary control easement to meet TCEQ Chapter 290 requirements. TCEQ review and a letter of "Approval to Construct" can be expected within 60 days of submittal to TCEQ.

The proposed water plant is anticipated to include a 6-inch steel cased well with a well pump rated for 150 gpm (+/-), a 2,500-gallon (+/-) ASME Code hydropneumatic tank, yard piping to allow for possible future connection with fire ground storage tank, and associated site work and electrical facilities. TCEQ review and a letter of "Approval to Construct" can be expected within 60 days of submittal to TCEQ.

### **Water Well Construction Phase Services**

CONSULTANT shall assist CLIENT in coordination with DRILLER to inspect the progress of work at critical stages of construction. CONSULTANT shall visit the site to verify that all construction has been completed in accordance with TCEQ approved plans.

CONSULTANT shall not have authority over or responsibility for the construction means, methods, techniques, sequences, or procedures for safety precautions and programs in connection with the work of the Contractor. CONSULTANT does not guarantee the performance of the construction contract by the Contractor and does not assume responsibility for the Contractor's failure to furnish and perform its work in accordance with the Contract Documents.

### **Well Completion Submittal to TCEQ**

The water well contractor that constructs the well must furnish satisfactory test data for the CONSULTANT to use in making the final completion submittal to TCEQ. CONSULTANT shall follow up with the water well contractor to obtain copies of all test data required by TCEQ.

In the event that the chemical test results indicate that the water from the water well is corrosive, CONSULTANT shall prepare a recommendation for the appropriate treatment plan and shall update the engineering plans and specifications for the equipment required to implement the Corrosion Control Plan. CONSULTANT shall follow up to verify that the Corrosion Control system has been properly installed.

CONSULTANT shall prepare a letter to TCEQ certifying that all equipment has been installed in accordance with the TCEQ approved plans, specifications, and technical correspondence. A final submittal of completion data, testing reports and the sanitary control easement(s) will be made to TCEQ after the water well contractor furnishes all required test data.

TCEQ approval to place the system in service can be expected 60 days after submittal of the completion and test data to TCEQ. Based on TCEQ Public Water System Rules, the water system may not be used as a public water supply until the TCEQ reviews the final submittal and provides a letter stating "Approval for Use".

### **Water Well Corrosion Control Effectiveness Engineering Report**

At some time in the future (6-18 months), TCEQ may require that a Corrosion Control Effectiveness Engineering Report be submitted based on analyses of Water Quality Parameter (WQP) and Lead and Copper samples that will be required to be collected by the OWNER. CONSULTANT is capable of providing that service if it is required, but that is not within the Scope of Work of this proposal.

### **On-Site Sewage Facility System Design & Permitting Services**

CONSULTANT shall prepare design calculations, drawings and specifications (Design Documents) to treat and dispose of the domestic wastewater based upon the project requirements as provided by the CLIENT. The design is anticipated to include an aerobic treatment system with holding/dosing tanks to allow treating a constant flow throughout the week and an effluent spray disposal system. CONSULTANT's services include providing a soil evaluation for the area of the proposed effluent disposal field.

After CLIENT's review and approval, CONSULTANT shall submit the OSSF Design Documents and permit application documents to the Fort Bend County Permit Department with an application for an on-site sewage facility permit. The cost of the OSSF Permit and affidavit (~\$510.00) is not included in CONSULTANT's fee and will be paid by CLIENT or invoiced to CLIENT as an Additional Service in accordance with Exhibit "A."

### **Vehicle Wash Design Services**

It is noted vehicle washdown is NOT permitted for discharge to an On-Site Sewage Facility. Phase II of development is noted to include a maintenance facility with potential vehicle washdown. CONSULTANT shall assist CLIENT in coordination with third party consultant for closed loop vehicle washdown system.

## CONSULTANT'S FEES FOR BASIC SERVICES

CLIENT shall pay CONSULTANT's fees for Basic Services as follows:

Fort Bend Subsidence District Water Well Permitting	\$ 500.00
PWS Exception Request (if required)	\$ 1,000.00
PWS Submittal to TCEQ and Approval	\$ 8,000.00
PWS Construction Phase Services (Hourly not to Exceed)	\$ 2,500.00
PWS Completion Submittal	\$ 2,000.00
On-Site Sewage Facility Design & Permitting Services	\$ 4,000.00
Vehicle Wash Design Services	\$ 1,000.00
<u>Reimbursable Expenses, not to exceed (*)</u>	<u>\$ 2,000.00</u>
Maximum Fee for Basic Services, including expenses (*)	\$21,000.00

(\*) In addition to CONSULTANT's fees, reimbursable expenses including, but not limited to mileage, postage, delivery, reproductions, water well permit fees, OSSF permit fees, and recording fees shall be invoiced in accordance with the charges and mark-up listed in Exhibit "A".

## ADDITIONAL SERVICES

CONSULTANT shall provide additional services requested by CLIENT that are not within the scope of basic services or services that are required due to a significant change in the project beyond the CONSULTANT's control that requires CONSULTANT to make substantial changes to the Design Documents or due to poor water quality that requires design of additional treatment equipment. CONSULTANT shall provide CLIENT with written notice of the need for Additional Services and shall obtain CLIENT's written approval before providing said services. Additional Services shall be provided on the basis of CONSULTANT being compensated for time spent and expenses incurred at the hourly rates and charges for reimbursement of expenses, mileage, postage and reproduction in the CONSULTANT's Schedule of Fees, included in Exhibit "A".

## DOCUMENTS

All reports, notes, drawings, specifications, data, calculations, and other documents, including those in electronic form, prepared by CONSULTANT are instruments of CONSULTANT's service that shall remain CONSULTANT's property. The CLIENT agrees not to use CONSULTANT-generated documents for projects other than the project for which the documents were prepared by CONSULTANT, or for future modifications to this project without CONSULTANT's express written permission.

Any reuse or distribution to third parties without such written express permission or project-specific adaptation by CONSULTANT will be at the CLIENT's sole risk and without liability to CONSULTANT or its employees. CLIENT shall, to the fullest extent permitted by law, defend indemnify, and hold harmless CONSULTANT from and against any and all cost, expenses, fees, losses, claims, demands, liabilities, suits, actions, and damages whatsoever arising out of or resulting from such unauthorized reuse or distribution.

## **DEGREE OF SKILL & CARE**

CONSULTANT's services shall be performed in a manner consistent with that degree of skill and care normally exercised by practicing design professionals performing similar tasks in the same locality, at the same time and under the same or similar circumstances and conditions. CONSULTANT makes no other representations or warranties, whether expressed or implied, with respect to the services rendered hereunder. CONSULTANT shall exercise usual and customary professional care in its efforts to comply with applicable codes, regulations, laws, rules, ordinances, and such other requirements in effect as of the date of execution of this Agreement.

## **PAYMENTS**

CONSULTANT shall present invoices for services at the beginning of each month for work done the previous month. CLIENT shall pay CONSULTANT within 30 days of invoice. **If invoices are not paid within 60 days, work on the project shall be stopped until past due amounts are paid.** Invoices not paid within 30 days shall be subject to the addition of 1% interest each month, based on the outstanding balance.

## **TERMINATION OF AGREEMENT**

This agreement shall continue in effect through the completion of the project unless it is terminated by either CLIENT or CONSULTANT. This agreement may be terminated at the discretion of either the CLIENT or CONSULTANT after 10 days written notice. Upon termination, CONSULTANT shall invoice for and be paid for all work in progress and shall turn over all work to CLIENT.

## **LIABILITY**

To the fullest extent permitted by law, the total liability, in the aggregate of CONSULTANT and CONSULTANT's officers, directors, employees, agents, and consultant to CLIENT and anyone claiming by, through or under CLIENT, for any and all injuries, claims, losses, expenses, or damages whatsoever arising out of or in any way related to CONSULTANT's services, the Project or this Agreement, from any cause or causes whatsoever, including but not limited to, negligence, strict liability, breach of contract or breach of warranty shall not exceed amount of the total compensation received by CONSULTANT under this Agreement, or the total amount of \$100,000, whichever is greater.

## **THIRD PARTIES**

Nothing contained in this Agreement shall create a contractual relationship with, or a cause of action in favor of, a third party against either the CLIENT or CONSULTANT. CONSULTANT's services hereunder are being performed solely for the benefit of CLIENT, and no other entity shall have any claim against CONSULTANT because of this Agreement or CONSULTANT's performance of services hereunder.

**INSURANCE**

CONSULTANT shall have insurance coverage and furnish certificates of insurance to CLIENT upon request. CONSULTANT's insurance coverage includes Workers Compensation, Commercial Liability, Automobile Liability and Professional Liability.

**MEDIATION**

The CLIENT and CONSULTANT agree to submit all claims and disputes arising out of the Agreement to non-binding mediation prior to the initiation of legal proceedings. This provision shall survive completion or termination of this Agreement; however, neither party shall seek mediation of any claim or dispute arising out of this Agreement beyond the period of time that would bar the initiation of legal proceedings to litigate such claims or dispute under the applicable law.

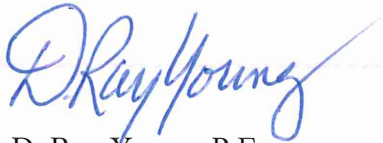
**GOVERNING LAW**

The laws or the state of Texas shall govern the validity and interpretation of this Agreement.

Should you have questions or comments, please contact me by telephone at 281-373-0500 or by email at [d.ray@waterengineers.com](mailto:d.ray@waterengineers.com).

Sincerely,  
WATERENGINEERS, INC.

**ACCEPTANCE**



D. Ray Young, P.E.  
Principal Engineer

Accepted this \_\_\_\_\_ day of \_\_\_\_\_, 2020.

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Enclosure: Exhibit "A" - Fee Schedule

**EXHIBIT "A"**  
**2020 HOURLY RATES & FEES**

Principal Engineer	\$185.00 per hour
Associate Principal Engineer	\$160.00 per hour
Senior Project Engineer	\$125.00 per hour
Project Manager	\$115.00 per hour
Project Engineer	\$110.00 per hour
Design Engineer	\$105.00 per hour
Engineering Designer (EIT)	\$85.00 per hour
Engineering Intern	\$50.00 per hour
CADD Designer II	\$90.00 per hour
CADD Designer I	\$80.00 per hour
CADD Drafter II	\$70.00 per hour
CADD Drafter I	\$60.00 per hour
CADD Drafter Trainee	\$35.00 per hour
Administrative Assistant	\$60.00 per hour
Project Coordinator	\$60.00 per hour
Reproduction	
8 ½ x 11	\$ 0.10 per copy
8 ½ x 11 - Color	\$ 0.15 per copy
11 x 17	\$ 0.20 per copy
11 x 17 - Color	\$ 0.30 per copy
24 x 36 Bond - B & W	\$ 3.00 per sheet
24 x 36 Bond - Color	\$ 5.00 per sheet
24 x 36 Mylar	\$10.00 per sheet
Reimbursable Expenses	Cost + 10%
Project Mileage	\$ 0.58 per mile (*)

(\*) Based on current IRS Standard Business Rate

**Rates and fees are valid for one year from the date of the signed Agreement.**



SERVICE | QUALITY | INTEGRITY | SUSTAINABILITY

9990 Richmond Avenue  
South Building, Suite 300  
Houston, TX 77042  
v 713.914.0888

## Extra Services

**DATE**

June 15, 2020

**PROJECT NUMBER:**

180168.000

**PROJECT NAME:**

Fort Bend Westpark Park and Ride facility

**CLIENT:**

PGAL

**CLIENT CONTACT:**

Costas Georghiou

**Contract Fee:**

Fixed Fee: \$6,000.00

**Expenses:**

Included in Fee

---

The charges for extra services as indicated on this document are based on our understanding of the work described herein. If our understanding of the scope of work is not accurate, please advise immediately. All work shall be performed in accordance with our original contract for this project.

---

**Description of Extra services:**

Modify electrical drawings to provide power to the new well and a pump for the septic spray system. No changes in the remainder of the design. Generator is not included.

**Authorized (DBR) By:** Ayman Ashkar **June 15, 2020**

**Approved (Client) By:** \_\_\_\_\_

*Please sign, date and return to DBR.*



Houston | 6120 S. Dairy Ashford Rd.  
Austin | Houston, TX 77072-1010  
Dallas | 281.933.7388 Ph  
San Antonio | 281.933.7293 Fax  
[www.hvj.com](http://www.hvj.com)

August 28, 2020

Hung Nguyen PE  
Project Manager, IDCUS  
15915 Katy Fwy., Ste. 300  
Houston, TX 77094

Re: Proposal for Construction Materials Testing and Inspection Services  
FORT BEND COUNTY - WESTPARK PARK AND RIDE  
Client: IDCUS  
HVJ Proposal No. HC1117140.2

Dear Mr. Nguyen:

HVJ Associates, Inc. is pleased to submit the revised proposal for construction materials engineering and testing services for the above-referenced project. This proposal outlines anticipated scope of our services on this project, estimated cost and general project administration approach.

### **Scope of Services**

Based on our review of the project plans and specifications, the scope of material testing services anticipated for this project is as follows:

- Monitoring Soil backfilling/Testing subgrade for roadways, driveways and sidewalks
- Monitoring Utility backfilling and testing compacted materials
- Concrete Inspection and Testing for Pavement and other associated structures
- Asphalt testing (if any)
- Associated Laboratory Testing

### **Cost Estimate**

Testing and Inspection budget in the amount of \$78,498.00 on a money and material basis has been estimated for this project. Our cost estimate is based on our best estimate for both the construction schedule and frequency of service requests from the client. As the schedule and frequency of requests are beyond our control, we cannot guarantee that the estimate provided would be adequate to provide the services needed throughout the entire duration of construction of this project. Advance authorization will be needed if additional funds are needed to complete testing requirements per project specification on this project. HVJ Associates, Inc. will monitor the budget as the work proceeds and will keep you or your designated representative informed.

**Project Administration**

Scheduling of our personnel for this project will be at the request of you or your designated representative. We require at least 24 hours notice prior to providing on-call personnel to ensure proper scheduling of work.

Services on an hourly basis will be invoiced at the current fee schedule attached. Overtime rates of 1.5 times the regular hourly rates will be charged for time worked over 8 hours or before 6:00 AM or after 6:00 PM on Monday through Friday, and all hours worked on Saturdays, Sundays, or holidays. If any other services are required and are not listed in our proposal, will be provided and billed per City of Houston fees schedule unless otherwise notified to us differently. Invoicing for our services is presented on a monthly basis. Our payment terms will be net 30 days.

If this proposal meets with your approval, please sign and complete the indicated spaces below and forward a copy of the proposal to us. HVJ Associates, Inc. is pleased to be of service on this project. Should you have any questions regarding the contents of this proposal, please contact us via 281-983-8808.

Sincerely,

**HVJ ASSOCIATES, INC.**



Luis Hernandez, P.E.  
Project Manager, Houston

LH/vg

Agreed to this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_

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

Title: \_\_\_\_\_

Firm: \_\_\_\_\_

Phone No.: \_\_\_\_\_

Date to Start Work: \_\_\_\_\_

Attachment

**ITEMIZED SERVICES**

PROJECT NAME: FORT BEND COUNTY - WESTPARK PARK AND RIDE  
 PROJECT Location: Westpark Toll Road Frontage Road/ FM 1093  
 CLIENT: IDCUS  
15915 Katy Fwy., Ste. 300, Houston, TX 77094  
 PROPOSAL NO: HC1117140.2

QTY.	UNIT	SERVICES	UNIT PRICE	TOTAL
------	------	----------	------------	-------

**UTILITY BACKFILL**

Field Services

169	Hour	Technician Time for Compaction Testing for Utility Backfill/Level II	\$ 65.00	\$ 10,985.00
40	Hour	Technician Time for Compaction Testing for Utility Backfill (OT)	\$ 97.50	\$ 3,900.00
9	Hour	Technician Time for Sampling	\$ 65.00	\$ 585.00
169	Hour	Nuclear Gauge Charge	\$ 9.00	\$ 1,521.00
178	Hour	Vehicle Charges	\$ 7.50	\$ 1,335.00
		Subtotal		\$ 18,326.00

Laboratory Services

2	Each	Standard Proctor	\$ 196.00	\$ 392.00
2	Each	Standard Proctor, Stabilized	\$ 217.00	\$ 434.00
2	Each	C.S.S Compressive Strength	\$ 61.00	\$ 122.00
2	Each	Atterberg Limits	\$ 60.00	\$ 120.00
2	Each	-200 Sieve Analysis	\$ 46.00	\$ 92.00
		Subtotal		\$ 1,160.00

**UTILITY TOTAL WS&D TOTAL \$ 19,486.00**

**SOILS / Backfill Monitoring/Subgrade Compaction Testing**

Field Services

381	Hour	Technician Time for Compaction Testing for Subgrade/Level II	\$ 65.00	\$ 24,765.00
20	Hour	Technician Time for Compaction Testing for Subgrade (OT)	\$ 97.50	\$ 1,950.00
10	Hour	Technician Time for Sampling	\$ 65.00	\$ 650.00
391	Hour	Nuclear Gauge Charge	\$ 9.00	\$ 3,519.00
391	Hour	Vehicle Charges	\$ 7.50	\$ 2,932.50
		Subtotal		\$ 33,816.50

Laboratory Services

2	Each	Standard Proctor	\$ 196.00	\$ 392.00
2	Each	Standard Proctor, Stabilized	\$ 217.00	\$ 434.00
2	Each	Atterberg Limits	\$ 60.00	\$ 120.00
2	Each	-200 Sieve Analysis	\$ 46.00	\$ 92.00
		Subtotal		\$ 1,038.00

**SOILS TOTAL \$ 34,854.50**

**CONCRETE / Pavement/ Sidewalk and Other Structure**

Field Services

254	Hour	Technician Time for Pavement Monitoring and Testing/Level II	\$ 65.00	\$ 16,510.00
13	Hour	Technician Time for Pavement Monitoring and Testing (OT)	\$ 97.50	\$ 1,267.50
10	Hour	Technician Time for Cylinder Pick Up	\$ 40.00	\$ 400.00
264	Hour	Vehicle Charges	\$ 7.50	\$ 1,980.00
		Subtotal		\$ 20,157.50

Laboratory Services

100	Each	Concrete Test Cylinders	\$ 17.00	\$ 1,700.00
		Subtotal		\$ 1,700.00

**CONCRETE TOTAL \$ 21,857.50**

**REBAR INSPECTION / Pavement**

10	Hour	Rebar Inspection for Pavement, Retaining Wall and Other Structures/ Level II	\$ 65.00	\$ 650.00
10	Hour	Vehicle Charges	\$ 7.50	\$ 75.00

**REBAR INSPECTION TOTAL \$ 725.00**

**ENGINEERING SERVICES**

10	Hour	Site visit/ Meeting and Engineering Report Review (@ 0.25 hr/report)	\$ 150.00	\$ 1,500.00
10	Hour	Vehicle Charges	\$ 7.50	\$ 75.00

**ENGINEERING SERVICES \$ 1,575.00**

**TOTAL ESTIMATE FOR CME SERVICES: \$ 78,498.00**

# LANDTECH

Landtech, Inc.  
2525 North Loop West, Suite 300  
Houston, Texas 77008  
T: 713-861-7068; F: 713-861-4131  
TBPELS Reg. No. 10019100

June 25, 2020

Mr. Larry Janak, P.E.  
IDCUS  
1111 Wilcrest Green, Suite #250  
Houston, Texas 77042

Re: Fort Bend County Park & Ride

Dear Mr. Janak:

It is my pleasure to submit the following proposal for providing professional surveying services for the above referenced project. The scope of work and associated fee are as follows:

Preparation of survey plat and metes and bounds for a sanitary control easement for the Fort Bend County Park and Ride.

Lump Sum Fee of.....\$1,550.00

Thank you for the opportunity to submit this proposal.

Sincerely,



Paul Kwan, RPLS, President

EXHIBIT B  
WORK SCHEDULE

**WORK SCHEDULE**  
**Westpark Park & Ride Water Well System, Onsite Sewage Facility (Septic System) and**  
**Construction Material Testing**

<b>Westpark Park &amp; Ride Construction Project</b>		<b>Expiration date</b>
<b>Task 1</b>	Water Well and Onsite Septic System	2/12/2021
<b>Task 2</b>	Construction Material Testing	5/31/2022