AGREEMENT for Construction Materials Testing

This AGREEMENT is between the City of Corpus Christi, Texas, a Texas home-rule municipal corporation ("CITY"), acting through its duly authorized City Manager or designee ("City Engineer"), and <u>ROCK ENGINEERING &</u> <u>TESTING LABORATORY INC.</u>, a Texas corporation or partnership ("LAB"), acting through its duly authorized representative who is <u>Curtis A. Rock, Business Development Manager</u>, which agree as follows:

1. **DECLARATIONS:** City desires to engage Lab to provide services in connection with City's project, described as follows: <u>O.N. Stevens Water Treatment Plant High Service Pump Building No. 3 (Project No. E11066)</u> ("PROJECT").

2. **SCOPE OF WORK:** Lab shall provide services to the Project in accordance with the accompanying Scope of Services and Fee Schedule attached as **Exhibit** "**A**" and the Terms and Conditions to Agreement attached as **Exhibit** "**B**".

3. **FEE:** The City agrees to pay the Lab for services provided in accordance with **Exhibit "A"**, Scope of Services and Fee Schedule under this Agreement, a total fee not to exceed <u>\$54,765.00</u>. Monthly invoices will be submitted in accordance with **Exhibit "C"**.

4. **CITY'S DISCLOSURE OF HAZARDOUS & TOXIC MATERIALS AND CONDITIONS AT THE PROJECT SITE:** To the best of the City's knowledge, based upon currently available information, the only hazardous or toxic materials, as defined by the laws and regulations of the Federal government, the state, and city which exist at the PROJECT SITE are as follows: <u>None.</u>

5. **OWNERSHIP OF DOCUMENTS:** All documents including contract documents (plans and specifications), record drawings, contractor's field data and submittal data will be the sole property of the City and may not be used again by Lab without the express terms written consent of the City Engineer. However, Lab may use standard details that are not specific to this Project.

CITY OF CORPUS CHRISTI

J.H. Edmonds, P. E. Date Director of Engineering Services

RECOMMENDED

Operating Department Date

		1.	2	1 X	•	
Curtis A	Ň. F	Rock				Date

ROCK ENGINEERING & TESTING LABORATORY

07-26-16

Curtis A. Rocki Business Development Manager 6817 Leopard Street Corpus Christi, TX 78409 (361) 883-4555 Office (361) 883-4711 Fax curtis@rocktesting.com

+ 1

APPROVED AS TO LEGAL FORM

Assistant City Attorney

APPROVED

Office of Management and Budget Date

Date

ATTEST

Rebecca Huerta Date City Secretary

Project Name <u>O.N. Stevens Water</u> <u>Treatment Plant High Service Building No. 3</u> Project Number <u>E11066</u> Accounting Unit <u>4096</u> Account <u>550920</u> Activity <u>E11066014096EXP</u> Account Category <u>50920</u> Fund Name <u>Water 2015 CIP</u> This the original testing contract for \$54,765



•GEOTECHNICAL ENGINEERING •CONSTRUCTION MATERIALS ENGINEERING TESTING •SOILS • ASPHALT • CONCRETE

Thursday, July 14, 2016

City of Corpus Christi 1201 Leopard St Corpus Christi, TX 78401

Attn Jeffrey Edmonds, P.E.

SUBJECT: ESTIMATED TESTING BUDGET FOR THE PROPOSED E11066 O.N. Stevens Water Treatment Plant High Service Pump Bldg 3 Corpus Christi, TX R E T L Proposal Number: P070816A

Dear Jeffrey Edmonds, P.E.

Rock Engineering and Testing Laboratory, Inc. (RETL) (TBPE Firm No. 2101) is pleased to be selected to perform the Construction Materials Testing for the above referenced project. The Construction Materials Testing for the proposed construction project is based upon quantities as derived from the Plans made available to RETL as of the date of this proposal.

The estimated testing for this project is

\$54,765.00

We understand that we have been chosen to provide these services for this publicly funded project. Therefore, by providing cost information we are not in violation of the Texas Professional Services Procurement Act.

The estimated construction materials testing budget is based on a review of the information provided to RETL. An estimated breakdown of field and laboratory testing required is included as an attachment.

Please make note that the actual fees invoiced for this project will be based on the actual testing performed. The total fee assessed will be dependent on the contractor's construction techniques, number of trips made to the jobsite, elapsed time from technician arrival to commencement of testing activities, and any time the technician is required to be on-site but not performing testing activities.

Please be advised that weekend technician time will be invoiced portal to portal at an additional rate of

\$31.00

RETL appreciates your consideration of our firm to assist you during the construction phase of your project. If you agree with this proposal, please sign the attached Laboratory Testing Services Agreement, submit the Distribution List and provide billing information. Please do not hesitate to contact me at (361) 883-4555 extension 415 if you have any questions regarding the proposal or would like to discuss further.

Sincerely,

Pablo Schmitt Estimator Rock Engineering and Testing

> ROCK ENGINEERING TESTING LABORATORY, INC. 6817 LEOPARD STREET • CORPUS CHRISTI, TEXAS, 78409 OFFICE: (361) 883-4555 • FAX: (361) 883-4711 • www.rocktesting.com



		LIFTS/MIN	QTYFREQ	QTY	RATE	AMOUN
A1. SUBGRADE						
Densities Sub	grade Sidewalks					
SF - 1 per 500) SF of each lift					
\$600	IN-PLACE DENSITIES (Min 3)	1	1	1 ea	\$44.00	\$44.
Densities Sub	grade Street					
SY - 1 every 3 SY 4270	10 SY					
S486	VEHICLE	1	3	3 trip	\$45.00	\$135.
\$600	IN-PLACE DENSITIES (Min 3)	1	14	14 ea	\$44.00	\$616.
Subgrade						
ST - I per stree	t					
S190	MATERIALS SAMPLING CHARGE	1	1	1 ea	\$57.00	\$57.
S486	VEHICLE	1	1	1 trip	\$45.00	\$45.
\$510	PROCTOR - STANDARD ASTM D698	1	1	1 ea	\$215.00	\$215
EA - 1 each n CY S190 S310 S510 S599	MATERIALS SAMPLING CHARGE ATTERBERG LIMITS/PLASTICITY INDEX PROCTOR - STANDARD ASTM D698 FINER THAN #200 MESH (Decantation)	1 1 1 1	1 1 1	1 ea 1 ea 1 ea 1 ea	\$57.00 \$60.00 \$215.00 \$64.00	\$57. \$60. \$215. \$64.
45. BACKFILL						
Densities Tren	ch Backfill					
LF - 1 ner 200	LF					
LF - 1 per 200						
S486	VEHICLE	1	25	25 trip	\$45.00	\$1,125.
-		1 1	25 171	25 trip 171 ea	\$45.00 \$44.00	
S486	VEHICLE IN-PLACE DENSITIES (Min 3)	1				
S486 S600	VEHICLE IN-PLACE DENSITIES (Min 3)	1				
S486 S600 Trench Backfi	VEHICLE IN-PLACE DENSITIES (Min 3)	1	171	171 ea 1 ea	\$44.00 \$57.00	\$7,524. \$57.
S486 S600 Trench Backfi EA - 1 each m S190 S486	VEHICLE IN-PLACE DENSITIES (Min 3) II naterial type MATERIALS SAMPLING CHARGE VEHICLE	1	171 1 1	171 ea 1 ea 1 trip	\$44.00 \$57.00 \$45.00	\$7,524. \$57. \$45.
S486 S600 Trench Backfi EA - 1 each m S190	VEHICLE IN-PLACE DENSITIES (Min 3) II material type MATERIALS SAMPLING CHARGE	1	171	171 ea 1 ea	\$44.00 \$57.00	\$1,125. \$7,524. \$57. \$45. \$215.



	ASE		LIFTS/MIN	QTYFREQ	QTY	RATE	AMOUN
A3. FLEX	BASE						
CY -	1 per 300) CY					
	S190	MATERIALS SAMPLING CHARGE	1	1	l ea	\$57.00	\$57.0
	S486	VEHICLE	1	1	1 trip	\$45.00	\$45.0
	\$502	ATTERBERG LIMITS/PLASTICITY INDEX (with Aggregate)	1	1	1 ea	\$94.00	\$94.0
	\$504	GRADATION (Sieve Analysis)	1	1	1 ea	\$94.00	\$94.C
	\$522	PROCTOR - MODIFIED ASTM D1557	1	1	1 ea	\$253.00	\$253.0
	\$548	LA ABRASION	1	1	l ea	\$321.00	\$321.0
EA -	1 each m	aterial type					
	S546	WET BALL MILL	1	1	1 ea	\$321.00	\$321.0
	S606	TRIAXIAL	1	1	1 ea	\$743.00	\$743.0
	S610	CBR	1	1	l ea	\$490.00	\$490.0
Dens	sities of Co	mpacted Base					
	1 every 31						
SY 4							
	S486	VEHICLE	1	3	3 trip	\$45.00	\$135.0
	\$600	IN-PLACE DENSITIES (Min 3)	1	14	14 ea	\$44.00	\$616.0
				02. FLEX BA	SE SUE	BTOTAL	\$3,169.0
HOT MI	X ASPH	ALT CONCRETE (HMAC)	LIFTS/MIN	QTYFREQ	QTY	RATE	AMOUN
Extra	nalt Full Se	e Analysis, Lab Density & Stability, Theoretical Density,					
Asph Extra T - 1	nalt Full Se action Siev	e Analysis, Lab Density & Stability, Theoretical Density,	1	2	2 ea	\$635.00	\$1,270.0
Asph Extra T - 1	nalt Full Se action Siev per 500 to	e Analysis, Lab Density & Stability, Theoretical Density, ns	1	2 2	2 ea 2 ea	\$635.00 \$57.00	
Asph Extra T - 1	nalt Full Se action Siev per 500 to S105	e Analysis, Lab Density & Stability, Theoretical Density, ns ASPHALT FULL SERIES					\$114.
Asph Extra T - 1	nalt Full Se action Siev per 500 to S105 S190 S486	e Analysis, Lab Density & Stability, Theoretical Density, ns ASPHALT FULL SERIES MATERIALS SAMPLING CHARGE	1	2	2 ea	\$57.00	\$114.0
Asph Extra T - 1	nalt Full Se action Siev per 500 to S105 S190 S486 ed in Place	e Analysis, Lab Density & Stability, Theoretical Density, ns ASPHALT FULL SERIES MATERIALS SAMPLING CHARGE VEHICLE	1	2	2 ea	\$57.00	\$114.0
Asph Extra T - 1 Core LF - 1	adlt Full Se action Siev per 500 to S105 S190 S486 ed in Place I per 1000 S202	e Analysis, Lab Density & Stability, Theoretical Density, ns ASPHALT FULL SERIES MATERIALS SAMPLING CHARGE VEHICLE Pensiites	1	2 2 2	2 ea 2 trip 2 ea	\$57.00	\$1,270.0 \$114.0 \$90.0 \$198.0
Asph Extra T - 1 Core LF - 1	adt Full Se per 500 to S105 S190 S486 ed in Place	e Analysis, Lab Density & Stability, Theoretical Density, ns ASPHALT FULL SERIES MATERIALS SAMPLING CHARGE VEHICLE P Densiites LF of street	1 1	2 2	2 ea 2 trip	\$57.00 \$45.00	\$114. \$90.0



04. CONCRETE		LIFTS/MIN	QTYFREQ	QTY	RATE	AMOUNT
C1. CONCRETE						
Curb Post and 1@7, 1@14, 3@2 EA - 1 set ever	28					
S301 S399	CONCRETE CYLINDERS (4" x 8") (Min 4) CONCRETE CYLINDERS PICK UP FEE	5 1	1 1	5 ea 1 pour	\$44.00 \$43.00	\$220.00 \$43.00
S486	VEHICLE	1	2	2 trip	\$45.00	\$90.00
Manhole Base 1@7, 1@14, 3@2 EA - 1 set even	28					
\$301	CONCRETE CYLINDERS (4" x 8") (Min 4)	5	1	5 ea	\$44.00	\$220.00
S399 S486	CONCRETE CYLINDERS PICK UP FEE VEHICLE	1 1	1 2	1 pour 2 trip	\$43.00 \$45.00	\$43.00 \$90.00
Manholes 1@7, 1@14, 3@2 EA - 1 set even	28 y 2 each					
\$301	CONCRETE CYLINDERS (4" x 8") (Min 4)	5	2	10 ea	\$44.00	\$440.00
\$399	CONCRETE CYLINDERS PICK UP FEE	1	1	1 pour	\$43.00	\$43.00
S486	VEHICLE	1	3	3 trip	\$45.00	\$135.00
RIP RAP, Apron 1@7, 1@14, 3@2 SF - 1 set every	28					
\$301	CONCRETE CYLINDERS (4" x 8") (Min 4)	5	1	5 ea	\$44.00	\$220.00
S399 S486	CONCRETE CYLINDERS PICK UP FEE VEHICLE	1 1	1 2	1 pour 2 trip	\$43.00 \$45.00	\$43.00 \$90.00
Sidewalk Curb 1@7, 1@14, 3@2 SF - 1 set every	28					
\$301	CONCRETE CYLINDERS (4" x 8") (Min 4)	5	1	5 ea	\$44.00	\$220.00
S399 S486	CONCRETE CYLINDERS PICK UP FEE VEHICLE	1	1 2	1 pour 2 trip	\$43.00 \$45.00	\$43.00 \$90.00
			04. CONCRI	ETE SUB	STOTAL	\$2,030.00
05. RIGID PAVEME	NT	LIFTS/MIN	QTYFREQ	QTY	RATE	AMOUNT
C1. CONCRETE Flexural Beams 7 @ 28 day SY - 1 set per 2						
SY 165 \$302	REAMS (Sot of 1)	1	1	1.00+	¢000.00	¢000.00
5302 \$404	BEAMS (Set of 4) AIR CONTENT	1 1	1	1 set 1 ea	\$232.00 \$15.00	\$232.00 \$15.00
		05. R	IGID PAVEME	INT SUB	TOTAL	\$247.00



	LIFTS/MIN	QTYFREQ	QTY	RATE	AMOUNT
ADMINISTRATION FEE (1 time per project)	1	1	1 ls	\$75.00	\$75.00
	0	6. LABORATO	RY SUE	BTOTAL	\$75.00
3 (Select Fill)	LIFTS/MIN	QTYFREQ	QTY	RATE	AMOUNT
3 at or above OMC SF of each lift					
VEHICLE	1	3	3 trip	\$45.00	\$135.00
IN-PLACE DENSITIES (Min 3)	1	9	9 ea	\$44.00	\$396.00
		CE 3 (Select	Fill) SUE	BTOTAL	\$531.00
3 (PIERS)	LIFTS/MIN	QTYFREQ	QTY	RATE	AMOUNT
i de la construcción de la constru					
ys pour					
CONCRETE CYUNDERS (4" x 8") (Min 4)	5	12	60 ea	\$44.00	\$2,640.00
CONCRETE CYLINDERS PICK UP FEE	1	1	1 pour	\$43.00	\$43.00
VEHICLE	1	13	13 trip	\$45.00	\$585.00
S ervation (12 Days)					
OBSERVATIONS (Pier, Rebar, Structural Steel, etc)	12	8	96 hr	\$86.00	\$8,256.00
	S (Select Fill) S at or above OMC SF of each lift VEHICLE IN-PLACE DENSITIES (Min 3) 3 (PIERS) ys pour CONCRETE CYLINDERS (4" x 8") (Min 4) CONCRETE CYLINDERS PICK UP FEE VEHICLE	ADMINISTRATION FEE (1 time per project) 1 Question of the service	ADMINISTRATION FEE (1 time per project) 1 1 06. LABORATO 33 (Select Fill) LIFTS/MIN QTYFREQ 34 of or above OMC Sof or above OMC Sof or above OMC Sof or above OMC VEHICLE 1 IN-PLACE DENSITIES (Min 3) 1 OTA. HIGH SERVICE 3 (Select 1) 3 (PIERS) LIFTS/MIN QTYFREQ ys pour CONCRETE CYLINDERS (4" x 8") (Min 4) 5 12 CONCRETE CYLINDERS PICK UP FEE 1 13 YHICLE 1 1 13	ADMINISTRATION FEE (1 time per project) 1 1 1 1 15 06. LABORATORY SUE 3 (Select Fill) LIFTS/MIN QTYFREQ QTY 3 of or above OMC 5 of each lift VEHICLE 1 3 3 trip IN-PLACE DENSITIES (Min 3) 1 9 9 ea 07A. HIGH SERVICE 3 (Select Fill) SUE 3 (PIERS) LIFTS/MIN QTYFREQ QTY ys pour CONCRETE CYLINDERS (4" x 8") (Min 4) 5 12 60 ea CONCRETE CYLINDERS (4" x 8") (Min 4) 5 12 60 ea CONCRETE CYLINDERS (4" x 8") (Min 4) 5 12 60 ea CONCRETE CYLINDERS (4" x 8") (Min 4) 5 12 60 ea CONCRETE CYLINDERS (4" x 8") (Min 4) 5 12 60 ea CONCRETE CYLINDERS PICK UP FEE 1 1 1 1 pour VEHICLE 1 1 3 13 trip	ADMINISTRATION FEE (1 time per project) 1 1 1 1 1 1 \$75.00 O6. LABORATORY SUBTOTAL Colspan="4">Concert Fill) LIFTS/MIN QTYFREQ QTY RATE Sof or above OMC SF of each lift VEHICLE 1 3 3 trip \$45.00 IN-PLACE DENSITIES (Min 3) OFA. HIGH SERVICE 3 (Select Fill) SUBTOTAL 3 (PIERS) LIFTS/MIN QTYFREQ QTY RATE ys pour CONCRETE CYLINDERS (4" x 8") (Min 4) 5 12 60 e.g. \$44.00 CONCRETE CYLINDERS (4" x 8") (Min 4) 5 12 60 e.g. \$44.00 CONCRETE CYLINDERS (4" x 8") (Min 4) 5 12 60 e.g. \$44.00 VEHICLE 1 1 1 1 1 S 12 60 e.g. \$44.00 VEHICLE 1 1 1 1 1 S 12 60 e.g. \$44.00 CONCRETE CYLINDERS PICK UP FEE 1 1 1 1 1



		3 (FOUNDATION)	LIFTS/MIN	QTYFREQ	QTY	RATE	AMOUNT
	DNCRETE 7,1@14,3@28						
	- 1 set every	50 CY					
CY	850		-	17	05	£ 1 1 00	* 0 7 10 00
	S301 S399	CONCRETE CYLINDERS (4" x 8") (Min 4) CONCRETE CYLINDERS PICK UP FEE	5	17 2	85 ea 2 pour	\$44.00 \$43.00	\$3,740.00 \$86.00
	S486	VEHICLE	1	4	4 trip	\$45.00	\$180.00
	ERVATIONS						
Reb	oar Inspection	1					
	- per hour 769						
	S486	VEHICLE	1	2	2 trip	\$45.00	\$90.00
	\$501	OBSERVATIONS (Pier, Rebar, Structural Steel, etc)	1	2	2 hr	\$86.00	\$172.00
			7C. HIGH SERVICE 3	(FOUNDATIO	N) SUB	TOTAL	\$4,268.00
		3 (COLUMNS)	LIFTS/MIN	QTYFREQ	QTY	RATE	AMOUNT
	ONCRETE 7,1@14,3@28						
	- 1 set every	50 CY					
CY	76 \$301		5	2	10 ea	¢ 4 4 00	¢ 4 40 00
	S399	CONCRETE CYLINDERS (4" x 8") (Min 4) CONCRETE CYLINDERS PICK UP FEE	5	2	1 pour	\$44.00 \$43.00	\$440.00 \$43.00
	S486	VEHICLE	1	2	2 trip	\$45.00	\$90.00
	ERVATIONS par Inspection	1					
	- per hour						
CY	76		1	1	1 4	¢ 45 00	¢ 45 00
	S486 S501	VEHICLE OBSERVATIONS (Pier, Rebar, Structural Steel, etc)	1	1 2	1 trip 2 hr	\$45.00 \$86.00	\$45.00 \$172.00



07E. HIGH SERVICE	3 (ROOF)	LIFTS/MIN	QTYFREQ	QTY	RATE	AMOUNT
C1. CONCRETE 1@7,1@14,3@28	1					
CY - 1 set ever	y 50 CY					
CY 111 S301 S399 S486	CONCRETE CYLINDERS (4" x 8") (Min 4) CONCRETE CYLINDERS PICK UP FEE VEHICLE	5 1 1	3 1 2	15 ea 1 pour 2 trip	\$44.00 \$43.00 \$45.00	\$660.00 \$43.00 \$90.00
E. OBSERVATION Certified Weldi						
HR - per hour						
O116 S486	CERTIFIED WELDING OBSERVATION (Min 4 hours) VEHICLE	4	4 4	16 hr 4 trip	\$160.00 \$45.00	\$2,560.00 \$180.00
		07E. HIGH SE	RVICE 3 (ROC	OF) SUB	TOTAL	\$3,533.00
07F. HIGH SERVICE	3 (ROOF BEAM)	LIFTS/MIN	QTYFREQ	QTY	RATE	AMOUNT
C1. CONCRETE 1@7,3@28						
CY - 1 set ever CY 158	y 50 CY					
\$301	CONCRETE CYLINDERS (4" x 8") (Min 4)	4	3	12 ea	\$44.00	\$528.00
5399 5486	CONCRETE CYLINDERS PICK UP FEE VEHICLE	1 1	1 2	1 pour 2 trip	\$43.00 \$45.00	\$43.00 \$90.00
		07F. HIGH SERVICE	3 (ROOF BEA	M) SUB	TOTAL	\$661.00
07G. HIGH SERVICI	E 3 (Grout & Mortar)	LIFTS/MIN	QTYFREQ	QTY	RATE	AMOUNT
C2. GROUT & MO Grout and Mor						
D - 1 set per do	γ¢					
M402	MORTAR CUBES (Min 3 per set)	3	6	18 ea	\$44.00	\$792.00
M403 S486	GROUT PRISMS (Min 4 per set) VEHICLE	4 1	6 6	24 ea 6 trip	\$44.00 \$45.00	\$1,056.00 \$270.00
	C	17G. HIGH SERVICE 3 (Grout & Mort	ar) SUB	TOTAL	\$2,118.00



08A. PIPE SUPPOR	TS (Blocks)	LIFTS/MIN	QTYFREQ	QTY	RATE	AMOUNT
C1. CONCRETE						
1@7,1@14,d3@	28					
P - 1 set per d CY 28	ays pour					
\$301	CONCRETE CYLINDERS (4" x 8") (Min 4)	5	2	10 ea	\$44.00	\$440.00
S399 S486	CONCRETE CYLINDERS PICK UP FEE VEHICLE	1	2 3	2 pour 3 trip	\$43.00 \$45.00	\$86.00 \$135.00
						·
		08A. PIPE SUPPORTS (Blocks) SUBTOTAL				\$661.00
08B. PIPE SUPPORT	rs (Piers)	LIFTS/MIN	QTYFREQ	QTY	RATE	AMOUNT
C1. CONCRETE 1@7,1@14,d3@	28					
P - 1 set per d CY 44	ays pour					
S301	CONCRETE CYLINDERS (4" x 8") (Min 4)	5	5	25 ea	\$44.00	\$1,100.00
S399 S486	CONCRETE CYLINDERS PICK UP FEE VEHICLE	1	1 6	1 pour 6 trip	\$43.00 \$45.00	\$43.00 \$270.00
0.00			Ū	o mp	φ 10.00	φ2/ 0.00
E. OBSERVATION Drilled Pier Ob						
HR - per hour						
CY 44 \$501	OBSERVATIONS (Pier, Rebar, Structural Steel, etc)	5	8	40 hr	\$86.00	\$3,440.00
		08B. PIPE S	UPPORTS (Pie	ers) SUB	BTOTAL	\$4,853.00
08C. PIPE SUPPOR	TS (Steel)	LIFTS/MIN	QTYFREQ	QTY	RATE	AMOUNT
E. OBSERVATION Certified Weld	IS ling Observation					
HR - per hour						
O116	CERTIFIED WELDING OBSERVATION (Min 4 hours)	4	4	16 hr	\$160.00	\$2,560.00
\$486	VEHICLE	1	4	4 trip	\$45.00	\$180.00
		08C. PIPE S	UPPORTS (Ste	eel) SUE	BTOTAL	\$2,740.00



	R BUILDING (Piers)	LIFTS/MIN	QTYFREQ	QTY	RATE	AMOUNT
C1. CONCRETE 1@7,1@14,3@						
P - 1 set per o	days pour					
CY 41 \$301	CONCRETE CYLINDERS (4" x 8") (Min 4)	5	3	15 ea	\$44.00	\$660.00
\$399	CONCRETE CYLINDERS (4 X 8) (Min 4) CONCRETE CYLINDERS PICK UP FEE	1	1	1 pour	\$43.00	\$880.00 \$43.00
S486	VEHICLE	1	4	4 trip	\$45.00	\$180.00
E. OBSERVATIO Drilled Pier O						
HR - per hou	r					
CY 41 \$501	OBSERVATIONS (Pier, Rebar, Structural Steel, etc)	3	8	24 hr	\$86.00	\$2,064.00
		09A. GENERATOR E	BUILDING (Pie	ers) SUB	TOTAL	\$2,947.00
)9B. GENERATOR	BUILDING (Foundation)	LIFTS/MIN	QTYFREQ	QTY	RATE	AMOUNT
C1. CONCRETE 1@7,1@14,3@						
	ery 50 CY					
CY 85		-	0	10	¢ 4 4 00	* ((0,00
CY 85 \$301	CONCRETE CYLINDERS (4" x 8") (Min 4)	5	2	10 ea	\$44.00 \$43.00	•
CY 85		5 1 1	2 1 2	10 ea 1 pour 2 trip	\$44.00 \$43.00 \$45.00	\$43.00
CY 85 S301 S399	CONCRETE CYLINDERS (4" x 8") (Min 4) CONCRETE CYLINDERS PICK UP FEE VEHICLE	1	1	1 pour	\$43.00	\$43.00
CY 85 S301 S399 S486	CONCRETE CYLINDERS (4" x 8") (Min 4) CONCRETE CYLINDERS PICK UP FEE VEHICLE	1	1	1 pour	\$43.00	\$43.00
CY 85 S301 S399 S486 E. OBSERVATIO	CONCRETE CYLINDERS (4" x 8") (Min 4) CONCRETE CYLINDERS PICK UP FEE VEHICLE	1	1	1 pour	\$43.00	\$43.00
CY 85 S301 S399 S486 E. OBSERVATIO Rebar Inspec HR - per hou	CONCRETE CYLINDERS (4" x 8") (Min 4) CONCRETE CYLINDERS PICK UP FEE VEHICLE	1	1	1 pour	\$43.00	\$440.00 \$43.00 \$90.00 \$86.00



City of Corpus Christi Corpus Christi, TX Jeffrey Edmonds, P.E.

10. DIESEL STORAGE		LIFTS/MIN	QTYFREQ	QTY	RATE	AMOUNT
C1. CONCRETE 1@7,1@15,3@28						
CY - 1 set every CY 4	50 CY					
\$301	CONCRETE CYLINDERS (4" x 8") (Min 4)	5	1	5 ea	\$44.00	\$220.00
\$399	CONCRETE CYLINDERS PICK UP FEE	1	1	1 pour	\$43.00	\$43.00
S486	VEHICLE	1	2	2 trip	\$45.00	\$90.00
		10. [GE SUB	TOTAL	\$353.00
1. STORAGE ACCES	SS PLATFORMS	LIFTS/MIN	QTYFREQ	QTY	RATE	AMOUN
E. OBSERVATIONS Certified Welding	g Observation					
HR - per hour						
0116	CERTIFIED WELDING OBSERVATION (Min 4 hours)	4	2	8 hr	\$160.00	\$1,280.00
S486	VEHICLE	1	2	2 trip	\$45.00	\$90.00
						\$1 270 00

11. STORAGE ACCESS PLATFORMS SUBTOTAL \$1,370.00

GRAND TOTAL \$54,765.00

FIREPROOFING, FLOOR FLATNESS/LEVELNESS, INSULATION/STRIPPING, NAIL PATTERN/NAIL OFF and other special inspections such PAD/FOUNDATION CERTIFICATION are not included in this proposal. Please contact us for a quote for these items if needed.

EXHIBIT "B"

TERMS AND CONDITIONS TO TESTING AGREEMENT

ARTICLE 1. SERVICES: Lab will:

- 1.1 Provide only those services requested by City Engineer that, in the opinion of Lab, lie within the technical or professional areas of expertise of Lab and which Lab is adequately staffed and equipped to perform.
- 1.2 Perform technical services under the supervision of a licensed professional engineer and in compliance with the basic requirements of the appropriate standards of the American Society for Testing and Materials, where applicable, and other standards designated in writing by the City Engineer.
- 1.3 Promptly submit formal reports (printed and electronic copies) of tests, inspections and services performed indicating, where applicable, compliance with the Project specifications or other contract documents. Such reports must be complete and factual, citing the tests performed, methods employed, values obtained and parts of the structure of the Project area subjected to any testing.
- 1.4 Utilize testing equipment which has been calibrated according to applicable standards and, upon request, submit to the City Engineer or designee documentation of such calibration.

Secure representative samples of those materials that the City's contractor proposes to use which require testing, together with relevant data concerning such materials including the point of origin and supplier.

- 1.5 Consider reports to be confidential and distribute reports only to those persons, organizations or agencies specifically designated in writing by the City Engineer.
- 1.6 Retain records relating to services performed for City for a period of two years following submission of any reports, during which period the records will be made available to the City at all reasonable times.
- 1.7 Pay salaries, wages, expenses, social security taxes, federal and state unemployment taxes and any other similar payroll taxes relating to the services.

ARTICLE 2. CITY RESPONSIBILITIES: City Engineer or designee will:

- 2.1 Provide Lab with all plans, specifications, addenda, change orders, approved shop drawings and other information for the proper performance of services by Lab.
- 2.2 Issue authorization in writing giving Lab free access to the Project site and to all shops or yards where materials are prepared or stored.
- 2.3 Designate in writing those persons or firms which will act as the City's representative with respect to Lab's services to be performed under this Agreement and which must be promptly notified by Lab when it appears that materials tested or inspected are in non-compliance. Only the City Engineer or designee has authority to transmit instructions, receive information and data and/or interpret and define the City's policies and decisions with respect to the Project. Lab acknowledges that certain City representatives may have different types of authority concerning the Project.
- 2.4 Advise Lab sufficiently in advance of any operations so as to allow for assignment of personnel by Lab for completion of the required services. Such advance notice will be in accordance with that established by mutual agreement of the parties.
- 2.5 Direct the Project contractor, either by the Construction Contract or direct written order, to:
 - (a) Stop work at the appropriate times for Lab to perform contracted services;
 - (b) Furnish such labor and all facilities needed by Lab to obtain and handle samples at the Project and to facilitate the specified inspection and tests;

(c) Provide and maintain for use of Lab adequate space at the Project for safe storage and proper curing of test specimens that must remain on the Project site prior to, during and up to 60 days after testing.

ARTICLE 3. GENERAL CONDITIONS

- 3.1 Lab, by the performance of services covered hereunder, does not in any way assume, abridge or abrogate any of those duties, responsibilities or authorities with regard to the Project that, by custom or contract, are vested in the Project architects, design engineers or any other design agencies or authorities.
- 3.2 Lab is not authorized to supervise, alter, relax, enlarge or release any requirement of the Project specifications or other contract documents nor to approve or accept any portion of the work. Lab does not have the right of rejection or the right to stop the work. City Engineer will direct the Project contractor to stop work at appropriate times for Lab to conduct the sampling, testing or inspection of operations covered by the Agreement.

ARTICLE 4. FIELD MONITORING AND TESTING

- 4.1 City and Lab agree that Lab will be on-site to perform inspections for contracted services. The City and Lab also agree that Lab will not assume responsibility for Project contractor's means, methods, techniques, sequences or procedures of construction, and it is understood that the final services provided by Lab will not relieve the Project contractor of its responsibilities for performing the work in accordance with the Project plans and specifications. For the purposes of this Agreement, the word "inspection" is used to mean periodic observation of the work and the conducting of tests by Lab as specified in the Agreement. Continuous monitoring by Lab or its subcontractors does not mean that Lab is approving placement of materials. Inspection is not and should not be construed to be a warranty by Lab to the City or any other party.
- 4.2 Samples collected or tested by Lab remain the property of the City while in the custody of the Lab. Lab will retain the samples for a period of 60 days following the date of submission of any report related to the sample. Following the retention period, Lab will dispose of non-hazardous samples, and return hazardous, acutely toxic or radioactive samples and samples' containers and residues to City. City agrees to accept such samples and samples containers.

ARTICLE 5. STANDARD OF CARE AND WARRANTY

Services performed by Lab will be conducted in a manner consistent with that level of care and skill ordinarily exercised by reputable members of the profession currently practicing under similar conditions in the same locality. No other warranty either expressed or implied is made or intended by the Agreement or any reports. Lab will not be responsible for the interpretation or use by others of data developed by Lab.

ARTICLE 6. INDEMNIFICATION

Lab shall fully indemnify and hold harmless the City of Corpus Christi and its officials, officers, agents, employees, or other entity, excluding the engineer or architect or that person's agent, employee or subconsultant, over which the City exercises control ("Indemnitee") from and against any and all claims, damages, liabilities or costs, including reasonable attorney fees and court costs, to the extent that the damage is caused by or results from an act of negligence, intentional tort, intellectual property infringement or failure to pay a subcontractor or supplier committed by Lab or its agent, Lab under contract or another entity over which Lab exercises control while in the exercise of rights or performance of the duties under this agreement. This indemnification does not apply to any liability resulting from the negligent acts or omissions of the City or its employees, to the extent of such negligence.

Lab shall defend Indemnitee, with counsel satisfactory to the City Attorney, from and against any and all claims, damages, liabilities or costs, including reasonable attorney fees and court costs, if the claim is not based wholly or partly on the negligence of, fault of or breach of contract by Indemnitee. If a claim is based wholly or partly on the negligence of, fault of or breach of contract by Indemnitee, the Lab shall reimburse the City's reasonable attorney's fees in proportion to the Lab's liability.

Lab must advise City in writing within 24 hours of any claim or demand against City or Lab known to Lab related to or arising out of Lab's activities under this Agreement.

ARTICLE 7. INVOICES AND PAYMENT

- 7.1 Lab will submit progress invoices to City Engineer monthly and final invoice upon completion of services. Each invoice is due and payable by City within 30 days of receipt and approval to pay by the City Engineer.
- 7.2 All funding obligations of the City under this Agreement are subject to the appropriation of funds in its annual budget.

ARTICLE 8. INSURANCE REQUIREMENTS

- 8.1 Lab must not commence work under this agreement until all required insurance has been obtained and such insurance has been approved by the City. Lab must not allow any subcontractor to commence work until all similar insurance required of any subcontractor has been obtained.
- 8.2 Lab must furnish to the Director of Engineering Services with the signed agreement (or amendment) a copy of the Certificate(s) of Insurance (COI) with applicable policy endorsements showing the following minimum coverage by an insurance company(s) acceptable to the City's Risk Manager. The City must be listed as an additional insured on the General Liability and Auto Liability policies, and a waiver of subrogation is required on all applicable policies. Endorsements must be provided with COI. Project name and or number must be listed in Description Box of COI.

TYPE OF INSURANCE	MINIMUM INSURANCE COVERAGE
30-written day notice of cancellation, required	Bodily Injury and Property Damage
on all certificates or by applicable policy	Per occurrence - aggregate
endorsements	
Commercial General Liability including:	\$1,000,000 Per Occurrence
1. Commercial Broad Form	\$2,000,000 Aggregate
2. Premises – Operations	
3. Products/ Completed Operations	
4. Contractual Liability	
5. Independent Contractors	
6. Personal Injury- Advertising Injury	
AUTO LIABILITY (including)	\$500,000 Combined Single Limit
1. Owned	
2. Hired and Non-Owned	
3. Rented/Leased	
PROFESSIONAL LIABILITY	\$1,000,000 Per Claim
(Errors and Omissions)	(Defense costs must be outside policy limits)
	If claims made policy, retro date must be prior
	to inception of agreement, have extended
	reporting period provisions and identify any
	limitations regarding who is insured.

- 8.3 In the event of accidents of any kind related to this agreement, Lab must furnish the City with copies of all reports of any accidents within 10 days of the accident.
- 8.4 Lab shall obtain and maintain in full force and effect for the duration of this Contract, and any extension hereof, at Lab's sole expense, insurance coverage written on an occurrence basis, by companies authorized and admitted to do business in the State of Texas and with an A.M. Best's rating of no less than A- VII. Lab is required to provide City with renewal Certificates.
- 8.6 Lab shall be required to submit a copy of the replacement certificate of insurance to City at the address provided below within 10 days of the requested change. Lab shall pay any costs incurred resulting from said changes. All notices under this Article shall be given to City at the following address:

City of Corpus Christi Attn: Engineering Services P.O. Box 9277 Corpus Christi, TX 78469-9277

8.7 Lab agrees that with respect to the above required insurance, all insurance policies are to contain or be endorsed to contain the following required provisions:

- (a) List the City and its officers, officials, employees, volunteers, and elected representatives as additional insured by endorsement, as respects operations, completed operation and activities of, or on behalf of, the named insured performed under contract with the City, with the exception of the professional liability/Errors & Omissions policy;
- (b) Provide for an endorsement that the "other insurance" clause shall not apply to the City of Corpus Christi where the City is an additional insured shown on the policy; and
- (c) Provide thirty (30) calendar days advance written notice directly to City of any suspension, cancellation, nonrenewal or material change in coverage, and not less than ten (10) calendar days advance written notice for nonpayment of premium.
- 8.8 Within five (5) calendar days of a suspension, cancellation, or non-renewal of coverage, Lab shall provide a replacement Certificate of Insurance and applicable endorsements to City. City shall have the option to suspend Lab's performance should there be a lapse in coverage at any time during this contract. Failure to provide and to maintain the required insurance shall constitute a material breach of this contract.
- 8.9 In addition to any other remedies the City may have upon Lab's failure to provide and maintain any insurance or policy endorsements to the extent and within the time herein required, the City shall have the right to order Lab to remove the exhibit hereunder, and/or withhold any payment(s) if any, which become due to Lab hereunder until Lab demonstrates compliance with the requirements hereof.
- 8.10 Nothing herein contained shall be construed as limiting in any way the extent to which Lab may be held responsible for payments of damages to persons or property resulting from Lab's or its subcontractor's performance of the work covered under this agreement.
- 8.11 It is agreed that Lab's insurance shall be deemed primary and non-contributory with respect to any insurance or self-insurance carried by the City of Corpus Christi for liability arising out of operations under this agreement.
- 8.12 It is understood and agreed that the insurance required is in addition to and separate from any other obligation contained in this agreement.

ARTICLE 9. TERMINATION OF AGREEMENT

The City may, at any time, with or without cause, terminate this Agreement upon seven days written notice to Lab at the address of record. Lab will be compensated for services performed up to termination.

ARTICLE 10. CONTROLLING LAW

This Agreement is governed by the laws of the State of Texas without regard to its conflicts of laws. Venue for legal proceedings lie exclusively in Nueces County, Texas.

ARTICLE 11. DISCLOSURE OF INTERESTS

- 11.1 Lab agrees to comply with City of Corpus Christi Ordinance No. 17112 and complete the Disclosure of Interests form as part of this Agreement, if required.
- 11.2 Lab agrees to comply with section 2252.908 of the Texas Government Code and complete Form 1295 Certificate of Interested Parties as part of this Agreement, if required. For more information, please review the information on the Texas Ethics Commission website at https://www.ethics.state.tx.us.
- 11.3 Lab agrees to comply with Chapter 176 of the Texas Local Government Code and file Form CIQ with the City of Corpus Christi City Secretary's Office, if required. For more information and to determine if you need to file a Form CIQ, please review the information on the City Secretary's website at http://www.cctexas.com/government/city-secretary of the Texas Local Government Code and file Form CIQ with the City of Corpus Christi City Secretary's Office, if required. For more information and to determine if you need to file a Form CIQ, please review the information on the City Secretary's website at http://www.cctexas.com/government/city-secretary's website at http://www.cctexas.com/government/city-secretary's website at http://www.cctexas.com/government/city-secretary/conflict-disclosure/index.

ARTICLE 12. CLAIMS

- 12.1 Claims arising from this Agreement shall be made in writing, sworn to and signed by an authorized representative. The responsibility to substantiate a claim rests with the party making the claim.
- 12.2 All negotiations pursuant to this Article are confidential and shall be treated as compromise and settlement negotiations for purposes of applicable rules of evidence.

ARTICLE 13. EXTENT OF AGREEMENT

- 13.1 This Agreement, including Exhibit "A" and these Terms and Conditions, represents the entire Agreement between City and Lab and supersedes all prior negotiation, representations or agreements, written or oral. This Agreement may be amended only by a written instrument signed by duly authorized representatives of City and Lab. If any conflict occurs between these Terms and Conditions and any other part of this Agreement, these Terms and Conditions are controlling.
- 13.2 In the event that any one or more of the provisions contained in this Agreement are for any reason held invalid, illegal or unenforceable in any respect, the remaining terms will be in full effect and this Agreement will be construed as if the invalid or unenforceable matters were never included in this Agreement. No waiver of any default will be a waiver of any future default.
- 13.3 Neither party will assign this Agreement without the express written approval of the other, but Lab may subcontract laboratory procedures as Lab deems necessary to meet the obligations of this Agreement.

ARTICLE 14. SAFETY

City and Lab agree that, in accordance with the generally accepted construction practice, the Project's general contractor will be solely and completely responsible for working conditions on the Project, including safety of all persons and property during the performance of the work and for compliance with all municipal, state and federal laws, rules and regulations, including OSHA. The duty of Lab in providing services is not, therefore, to include any review of, or responsibility for, the adequacy of the Project's general contractor's safety measures in, on or near the Project site.

EXHIBIT "C"

Monthly Invoices

Sample form for: Payment Request Revised 07/27/00

COMPLETE PROJECT NAME Project No. XXXX Invoice No. 12345 Invoice Date:

				Total	Amount	Previous	Total	Percent
Basic Services:	Contract	Amd No. 1	Amd No. 2	Contract	Invoiced	Invoice	Invoice	Complete
Preliminary Phase	\$1,000	\$0	\$0	\$1,000	\$0	\$1,000	\$1,000	100%
Design Phase	2,000	1,000	0	3,000	1,000	500	1,500	50%
Bid Phase	500	0	250	750	0	0	0	0%
Construction Phase	2,500	0	1,000	3,500	0	0	0	0%
Subtotal Basic Services	\$6,000	\$1,000	\$1,250	\$8,250	\$750	\$1,500	\$2,500	30%
Additional Services:								
Permitting	\$2,000	\$0	\$0	\$2,000	\$500	\$0	\$500	25%
Warranty Phase	0	1,120	0	1,120	0	0	0	0%
Inspection	0	0	1,627	1,627	0	0	0	0%
Platting Survey	TBD	TBD	TBD	TBD	TBD	TBD	TBD	0%
O & M Manuals	TBD	TBD	TBD	TBD	TBD	TBD	TBD	0%
SCADA	TBD	TBD	TBD	TBD	TBD	TBD	TBD	0%
Subtotal Additional Services	\$2,000	\$1,120	\$1,627	\$4,747	\$500	\$0	\$500	11%
Summary of Fees								
Basic Services Fees	\$6,000	\$1,000	\$1,250	\$8,250	\$750	\$1,500	\$2,500	30%
Additional Services Fees	2,000	1,120	1,627	4,747	500	0	500	11%
Total of Fees	\$8,000	\$2,120	\$2,877	\$12,997	\$1,250	\$1,500	\$3,000	23%



CITY OF CORPUS CHRISTI DISCLOSURE OF INTEREST

Corpus Christi City of Corpus Christi Ordinance 17112, as amended, requires all persons or firms seeking to do business with the City to provide the following information. Every question must be answered. If the question is not applicable, answer with "NA". See reverse side for Filing Requirements, Certifications and definitions.

COMPANY NAME:	Rock Engineering & Testing Laboratory, Inc.					
P. O. BOX:						
STREET ADDRESS:	6817 Leopard Street	CIT	Y: _	Corpus Christi	ZIP:	78409
	rporation 2. sociation 5.	Partnership Other		3. Sole Ow	mer	
1. State the names of interest" constituting	DISCLOSURE cessary, please use the reve each "employee" of the (3% or more of the owners)	erse side of this pa City of Corpus C hip in the above na	hristi amed '	having an "owne 'firm."	rship	
Name	Department (if kn		Job	Title and	City	
				······		
				· - ·		
 State the names of ea constituting 3% or mo Name 	ch "official" of the City of ore of the ownership in the	above named "fir	aving a m." Title	an "ownership inte	erest"	
3. State the names of ea interest" constituting Name	ach "board member" of the 3% or more of the owners Committee		Christi amed ' Board,		rship or	
4. State the names of early a state the names of early a state the names of early a state of the names of the	ach employee or officer of matter related to the su 3% or more of the owners	bject of this cont hip in the above na	or the tract a amed ' Consul	nd has an "owne 'firm."	hristi rship	

FILING REQUIREMENTS

FILING REQUIREMENTS If a person who requests official action on a matter knows that the requested action will confer an economic benefit on any City official or employee that is distinguishable from the effect that the action will have on members of the public in general or a substantial segment thereof, you shall disclose that fact in a signed writing to the City official, employee or body that has been requested to act in the matter, unless the interest of the City official or employee in the matter is apparent. The disclosure shall also be made in a signed writing filed with the City Secretary. [Ethics Ordinance Section 2-349 (d)]

CERTIFICATION

I certify that all information provided is true and correct as of the date of this statement, that I have not knowingly withheld disclosure of any information requested; and that supplemental statements will be promptly submitted to the City of Corpus Christi, Texas as changes occur.

Certifying Person:	: Curtis Rock		Chief Administrative Officer		
	(Type or Print)	-			
Signature of Certifyin Person:	ng Custis Rock		Date: 05-25-16		

DEFINITIONS

- a. "Board member." A member of any board, commission, or committee appointed by the City Council of the City of Corpus Christi, Texas.
- b. "Economic benefit". An action that is likely to affect an economic interest if it is likely to have an effect on that interest that is distinguishable from its effect on members of the public in general or a substantial segment thereof.
- c. "Employee." Any person employed by the City of Corpus Christi, Texas either on a full or part-time basis, but not as an independent contractor.
- d. "Firm." Any entity operated for economic gain, whether professional, industrial or commercial, and whether established to produce or deal with a product or service, including but not limited to, entities operated in the form of sole proprietorship, as self-employed person, partnership, corporation, joint stock company, joint venture, receivership or trust, and entities which for purposes of taxation are treated as non-profit organizations.
- The Mayor, members of the City Council, City Manager, Deputy City e. "Official." Manager, Assistant City Managers, Department and Division Heads, and Municipal Court Judges of the City of Corpus Christi, Texas.
- Legal or equitable interest, whether actually or constructively held, f. "Ownership Interest." in a firm, including when such interest is held through an agent, trust, estate, or holding entity. "Constructively held" refers to holdings or control established through voting trusts. proxies, or special terms of venture or partnership agreements."
- g. "Consultant." Any person or firm, such as engineers and architects, hired by the City of Corpus Christi for the purpose of professional consultation and recommendation.