

# North Peninsula Utilities Corp.

FILED 5/7/2019  
DOCUMENT NO. 04172-2019  
FPSC - COMMISSION CLERK

P.O. Box 2803  
Ormond Beach, FL 32175  
386-677-7607 phone  
developershw@gmail.com

May 7, 2019

RE: Staff Assisted Rate Case

Ms. Thompson,

Attached is updated response to questions #1 and #2 of the staffs sixth data request of March 26, 2019.

Also, attached are updated proposals for the capital improvements needed at the plant. The original proposals were almost a year old. The increase from the original proposals is \$16,879.15, see chart.

We've also included a 10% contingency for further cost increases as we don't know when this process will be completed and construction costs are rising, almost monthly. We also don't know what other situations may arise during the repair and improvement process.

R. Hillman  
NPUC



**Updated Response to questions #1 and #2 of Staff 6<sup>th</sup> Data Request of 3/26/19**

**After test year 8/1/19 – current**

7/13/18 Report of odor and noise from 5 Sea Dunes Terrace. Reported to FPSC also, 7/13/18 NPUC requested an extension so that county could come out to conduct a noise test. 8/23/18 test was conducted Seabridge WWTF is in compliance with Volusia County noise ordinance. Odor was from periodic pumping of sludge or equipment break down that are repaired ASAP.

12/21/18 9 AM- Call from homeowner at 3542 John Anderson Dr. asking if pumps were ok? Contacted our plant employee, everything was good and no alerts from monitoring system. 1 PM- Report of back up at customer's cleanout, NPUC contacted plant employee, reports pumps down, manually turning on. 1:35 PM- customer called reports flow has receded and not in swale by afternoon. Morning of 12/21/18 plant employee cleaned area and placed lime where needed as requested by customer. At plant Wetherell Treatment and Bayshore Electric were called to address the situation.

**Test Year 7/1/17 – 7/31/18**

9/14/17 3546 John Anderson Dr. / Back up/ New cap on drain out, Hurricane Irma related. Caused by heavy rains and intermittent power outages.

3542 John Anderson Dr. /Back up. Hurricane Irma related. Caused by heavy rains and intermittent power outages.

9/15/17 3542 John Anderson Dr. Back up/ Hurricane Irma related. Caused by heavy rains and intermittent power outages.

11/24/17 3542 John Anderson Dr. / Back up in swall at road caused by heavy 6-8 inches of rain.

**Previous Years complaint-**

5/11/13 FPL shut down power 3-4 hrs. / Build-up at plant/ odor corrected after power restored

5/16/13 Back up at clean out. Line cleared and yard cleaned up. 10 Sand Dollar 32176

6/6/13 Pothole on Sea Harbor Dr. W due to leak in pipe. Leak repaired and street repaved.

6/28/13 Odor complaint, 22 Seabridge Dr. Operator revisited site and did not detect an odor at that time.

2/25/14 20 Seabridge – Noise complaint. County visited site and found NPUC was in compliance with noise level.

7/10/14 26 Sea Hawk Backup into home/ Servpro cleaned up, clog in line was cleared.

7/12/14 3029 John Anderson Dr. Back up line cleared of debris.

8/20/14 Noise Complaint, caused by faulty pump and was repaired by operator.

6/15/15 Odor Complaint, checked by plant operator made adjustments and was cleared up with change in wind



7/20/15	7 Sea Watch Terrace, manhole damaged, repaired
10/16/15	4 Sea Dance/ depression in yard/ clay pipe cracked, repaired by plumbing contractor.
2/24/16	22 Seabridge odor/noise complaint/ sludge removal truck was loud and disrupted sludge to make an odor.
3/18/16	11 Sea Harbor Dr. Odor complaint there was an equipment malfunction that was corrected by operator.
10/11/16	20 Seabridge/ fence fell, repaired and replaced
6/1/16	Sea Hawk/ odor complaint, temporary, problem at plant fixed by operator.
7/24/16	43 Sea Harbor Dr. E. / back up on NPUC side, line cleaned by service company.
6/16/17	3565 John Anderson Dr. / back up of rain and storm water not sewer related.



5/6/2019

**Updated Cost Estimates**

**Capital Improvement Plan – Vendor**

<u>Vendor</u>	<u>Cost</u>
Wetherell Treatment Systems	\$ 151,631.00
American In-line Inspection (1)	24,843.40
American In-line Inspection (2)	2,467.50
Riva Fence, Inc.	18,215.00
Cubert, Inc.	9,633.00
Shirah Building and Dev.	6,228.54
Bayshore Electric, Inc.	25,950.00
Contingency for future price Increase (10%)	<u>23,897.00</u>
<b>Total-</b>	<b>\$ 262,955.44</b>



# WETHERELL TREATMENT SYSTEMS

600 Hull Road  
Ormond Beach, FL 32174  
Phone (386) 673-4162  
Fax (386) 673-7237

## Proposal

April 23, 2019

North Peninsula Utilities Corp.  
Attn: Mr. Bob Hillman  
P.O. Box 2803  
Ormond Beach, FL 32175-2803

Re: Repairs and Improvements for Seabridge Sewage Treatment Plant

Dear Mr. Hillman:

The following repairs and improvements are needed for the Seabridge sewage treatment plant just as soon as possible:

1. The three (3) way flow splitter tower that divides the incoming between the three (3) plants needs to be completely replaced. It is unsafe, badly corroded and leaks. Total cost to replace with a new tower of the same shape and design.

**Total cost of new tower: \$31,555.00**

**Total cost of installation of new tower: \$5,188.00**

2. The sludge return troughs in Plant #1 need to be completely replaced. They are badly corroded and leak sludge back into the clarifier.

**Total cost for new returns sludge troughs installed: \$7,911.00**

3. The top 12" to 14" of Plant #1 digester and rear tanks are badly corroded, many steel patches and holes completely through the tank structure. The present condition gives rise to the possibility of sewage leakage on the ground. To correct this problem, the top part of the plant needs to be cut off and replaced with new steel and welded out water tight.

**Total cost to perform the above work: \$31,313.00**



4. A new surge pump needs to be purchased to pump raw sewage to the splitter tower. Complete with a new pump stand.

**Total cost installed: \$7,368.00**

5. Both clarifiers need to be pumped down and have the air supply lines replaced.

**Total cost installed: \$3,447.00**

6. Both main lift station pump stands need to be replaced. Badly corroded.

**Total cost installed: \$3,214.00**

7. Two (2) new mechanical gear drives need to be purchased to operate the clarifier sludge sweeps.

**Total cost installed: \$8,105.00**

8. One (1) new blower motor assembly for Plant #1 complete with new air filter silencer, adjustable motor base and new equipment stand.

**Total cost installed: \$6,208.00**

9. Welding and steel work to Plant #2 and surge tank including replacement and repair of walk ways.

**Total cost installed: \$12,365.00**

10. Provide and install two (2) new pump equipment stands for John Anderson lift station.

**Total cost installed: \$3,214.00**

11. Supply and install sound control assembly to reduce and control blower sound.

**Total cost installed: \$3,108.00**



12. One (1) new motor-blower assembly complete for surge tank.

**Total cost installed: \$5,419.00**

13. One (1) new motor-blower assembly complete for Plant #2.

**Total cost installed: \$5,108.00**

14. Three (3) new Gorman-Rupp pumps complete with 5 H.P. motors for emergencies, such as storms or hurricanes or mechanical breakdowns.

**Total cost installed: \$18,108.00**

**Total estimate cost for all work to be performed: \$151,631.00**

Read and agreed to by:

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North Peninsula Utilities Corp Owner/agent	Title	Date
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Wetherell Treatment Systems, Inc. Glenn Wetherell	Title	Date
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# QUOTATION

## AMERICAN IN-LINE INSPECTION, Inc.

415 Timaquan Trail.  
Edgewater, Fla. 32132

Phone (386) 409-5446  
Fax (386) 957-4919

Proposal Submitted To: **North Peninsula Utilities Corp.**

Phone: **386- 677-7847**

Date: **04-08-19**

Street: **115 East Granada Blvd. Suite 12**

Job Name: **Seabridge Subdivision SAN I & I**

City, State, Zip Code **Ormond Beach, FL 32175**

Job Location: **Off John Anderson, Ormond Beach, FL**

ATTN: **Mr. Robert Hillman, Cell 386-299-3111**

Email/Fax: **Developershwa@gmail.com**

We propose hereby to furnish the following: **4 to 5 Days of I & I SAN Service Work**

Vac Truck and CCTV/Video Crew to Clean/Desilt & CCTV/Video approximately 10,315 +/- LF of 8" existing/active mainline VPC& PVC sanitary sewer pipes. Looking for various deficiencies of infiltration, ground table water intrusion, extruding service lateral hammer taps, and pipe integrity. Our price includes all labor, equipment and workmanship to complete the project, along with a clear typed report and video of our findings. One DVD or VHS will be provided. If additional copies are needed, they can be purchased for \$25.00 each.

Clean & Video approx. 10,315 +/- LF of 8" Existing Mainline SAN Sewer Pipe @ \$2.36 per LF.....\$ 24,343.40

**\*\*Any additional footage serviced will be billed per the LF rate\*\***

**\*\*Actual Footage Serviced Will Be Billed Upon Completion\*\***

**\*\*Average Footage Of Services Per Day 2,100 LF PLUS\*\***

Mobilization & Demobilization, per vehicle @ \$100.00 each.....(Estimated Visits 5-Days).....\$ 500.00

**TOTAL ESTIMATED PRICE \$ 24,843.40**

**\*\*American In-Line Inspection Services Inc. Will Provide Methods Of Repairs & Pricing Upon Request\*\***

To be provided by others/the hiring contractor: Acceptable access to system to perform duties requested, permits, traffic control/MOT, water meter or clean water source, and suitable dump site for debris or transportation & environmental disposal charges will apply.

**\*\*\* Please note that any downtime out of our control will be billed at an hourly rate of \$225.00 per hour Example - Waiting on MOT to be moved, site unprepared, off-site clean water fill-ups & disposal transportation, etc.**

**We appreciate this opportunity to serve North Peninsula Utilities Corp.**

**Note:** This proposal may be withdrawn by us if not accepted within 30 days.

Please contact our office for any scheduling needs

Payment terms are Net 30 days

REPRESENTATIVE: **Walt Kush**

(386) 409-5446

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

Date: **04-08-19**

Acceptance of Proposal...The above prices, specifications, and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above. We understand that collection costs and attorney fees will be recovered if contract is not paid in full.

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

Date: \_\_\_\_\_



# QUOTATION

## AMERICAN IN-LINE INSPECTION, Inc.

415 Timaquan Trail.  
Edgewater, Fla. 32132

Phone (386) 409-5446  
Fax (386) 957-4919

Proposal Submitted To: **North Peninsula Utilities Corp.**

Phone: **386- 677-7847**

Date: **04-08-19**

Street: **115 East Granada Blvd. Suite 12**

Job Name: **Sanitary Manhole Repair**

City, State, Zip Code **Ormond Beach, FL 32175**

Job Location: **3214 John Anderson, Ormond Beach, FL**

ATTN: **Mr. Robert Hillman, Cell 386-299-3111**

Email/Fax: **Developershwa@gmail.com**

**We propose to perform the following:**

**Manhole Repair Crew to cut down one (1) existing palm tree, remove root ball growth from entering the top of the sanitary manhole system, plug off the upstream and downstream portions of system, dig around the manhole to reset the frame top to its original location and stabilize. Our price includes all labor, equipment, material and workmanship to complete the project.**

**\*\*\*American In-Line Inspection will not remove the tree debris from the back yard\*\*\***

**Manhole Repair Crew to perform structural manhole rehab.....\$ 2,317.50**

**Mobilization, Set-up & Demobilization @ \$150.00 each.....\$ 150.00**

**Total Price \$ 2,467.50**

**To be provided by others/The Hiring Company: Acceptable access to system to perform duties requested.**

**We appreciate this opportunity to serve North Peninsula Utilities Corp.**

**Note:** This proposal may be withdrawn by us if not accepted within 30 days.

Please contact our office for any scheduling needs

Payment terms are Net 30 days

REPRESENTATIVE: **Walt Kush**

(386) 409-5446

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

Date: **04-08-19**

**Acceptance of Proposal...The above prices, specifications, and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above. We understand that collection costs and attorney fees will be recovered if contract is not paid in full.**

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

Date: \_\_\_\_\_



# Riva Fence, Inc.

916 NORTH U.S. #1 Unit #10  
rivafence@gmail.com

ORMOND BEACH, FLORIDA 32174

PHONE: (386) 673-0711 • FAX: (386) 676-0702

PROPOSAL TO North Peninsula Utilities

ADDRESS \_\_\_\_\_ Zone \_\_\_\_\_

LOCATION Seaboard Hillman

DATE 4-25-19

FAX # \_\_\_\_\_

TELEPHONE NUMBER 299-3111

JOB LOG NO \_\_\_\_\_

SPECIFICATIONS: All work will be performed in a workmanlike manner and in accordance with standard practice. All posts set in concrete.

Total Height <u>4.6</u>	4' O.D. <u>Chain Link only</u>	Check Caption Preferred	KEY	6' Additional Specifications
Post Spaced <u>8' 10"</u>	Top Rail <input checked="" type="checkbox"/> 1 3/8" O.D.		Fence to be erected _____	Top Rail <u>1 5/8" O.D.</u>
Style Fence <u>Wood / Chain Link</u>	Line Post <input checked="" type="checkbox"/> 1 3/8" O.D.		Tie On - Get permission <input checked="" type="checkbox"/> X	Line Post <u>2" O.D.</u>
Gauge <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 11 1/2	End Post <input checked="" type="checkbox"/> 2 1/2" O.D.		Terminal post <input type="checkbox"/> O	End Post <u>2 1/2" O.D.</u>
Knuckled <input type="checkbox"/>	Corner Post <input type="checkbox"/> 2 1/2" O.D.		Existing fence <input checked="" type="checkbox"/> X X X X X	Corner Post <u>2 1/2" O.D.</u>
Safeguard <input type="checkbox"/> <u>X X X</u>	Walk Gate Post <input type="checkbox"/> 2 1/2" O.D.		Walk gate <input type="checkbox"/>	Walk Gate Post <u>O.D.</u>
TERMS	Drive Gate Posts <input type="checkbox"/> 2 1/2" O.D.		Double gate <input type="checkbox"/>	Drive Gate Posts <u>O.D.</u>
Cash Upon Completion <input type="checkbox"/>	Gate Frames <input type="checkbox"/> 1 1/8" O.D.		Clothes post location must be shown on plan	Gate Frames <u>O.D.</u>
			Indicate if sides are shared	

QUANTITY	DESCRIPTION		
	Complete Fence With/Without Top Rails		
	Complete Fence With/Without Top Rails		
	In. O. D. Terminal Posts		
	In. O. D. Terminal Posts		
	Ft. Wide Single Swing Walk Gates		
	Ft. Wide Double Swing Drive Gates		
	Clothes Poles		
	Tie On		

*New fence various locations*

Top Rail of Fence to Follow Ground   
 Be Level With Lowest Grade   
 Be Level With Highest Grade

SKETCH

- ENTRANCE gate & fence with side of compound -  
 New 14' gate & posts.  
 40' 6' chain link  
 \$2400.00
- Various areas of repairs  
 300' 4' chain link fence  
 \$3900.00
- 500 6' wood stockpile  
 fence around plant remove old haul away  
 \$11,975.00

TOTAL CONTRACT PRICE \_\_\_\_\_  
 Salesman [Signature]  
 ACCEPTED \_\_\_\_\_

Building permits, location of property lines and damage to underground objects or utilities are the owner's responsibility. If payment is not made as specified the company reserves the right to repossess all material delivered to or installed on the job. This proposal becomes a contract when accepted by both parties. 1 1/2% interest will be charged per month on accounts over 30 days. Collection costs and attorney fees, if any will be added.



# Cubert, Inc

P.O. Box 787  
BUNNELL, FL. 32110  
Phone: 386.313.2629 / Fax: 386.313.2657

DATE : 4/29/19

PROPOSAL SUBMITTED TO: NPU

ATTENTION: Bob

STREET:

JOB NAME:

CITY, STATE AND ZIP CODE: Ormond Bch , FL

JOB LOCATION:

Office: (386)

ARCHITECT: NA

Fax: (386)

DATE OF PLANS: NA

**We hereby submit specifications and estimates for:**

Item	Quantity	Unit	Amount
1. MOB	1	LS	\$325.00
2. Asphalt Demo	3360	SF	\$1,008.00
3. Base Allowance	1	LD	\$800.00
4. Grade Work	1	LS	\$1,000.00
5. Asphalt 1.5"	373	SY	\$6,500.00
			-----
			\$9,633.00

**Exclusions: Permits , Bonds , Impact fee or fee of any kind , survey , curb , sidewalk , landscaping , irrigation , unmarked utilities , ETC.**

**We Propose** hereby to furnish material and labor – complete in accordance with above specifications, for the sum of: Nine thousand six hundred thirty three and 00 (\$9,633.00).

**Payment to be made as follows: 15 days upon receipt. After 30 days 1.5% interest will be assisted for late payment.**

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the Estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

**Acceptance of Proposal** – The above prices, specifications, and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance: \_\_\_\_\_

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

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

**Note:** This proposal may be withdrawn by us if not accepted Within 30 days.

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



Shirah Building and Dev  
77 Concord Drive  
Ormond Beach Fla 32176  
Shirahbuilding@gmail.com  
386-290-8018

# Estimate

Number E150

Date 5/1/2019

**Bill To**

NORTH PENINSULA UTILITIES  
16 SEABRIDGE DRIVE  
ORMOND BEACH, FL, 32176

**Project**

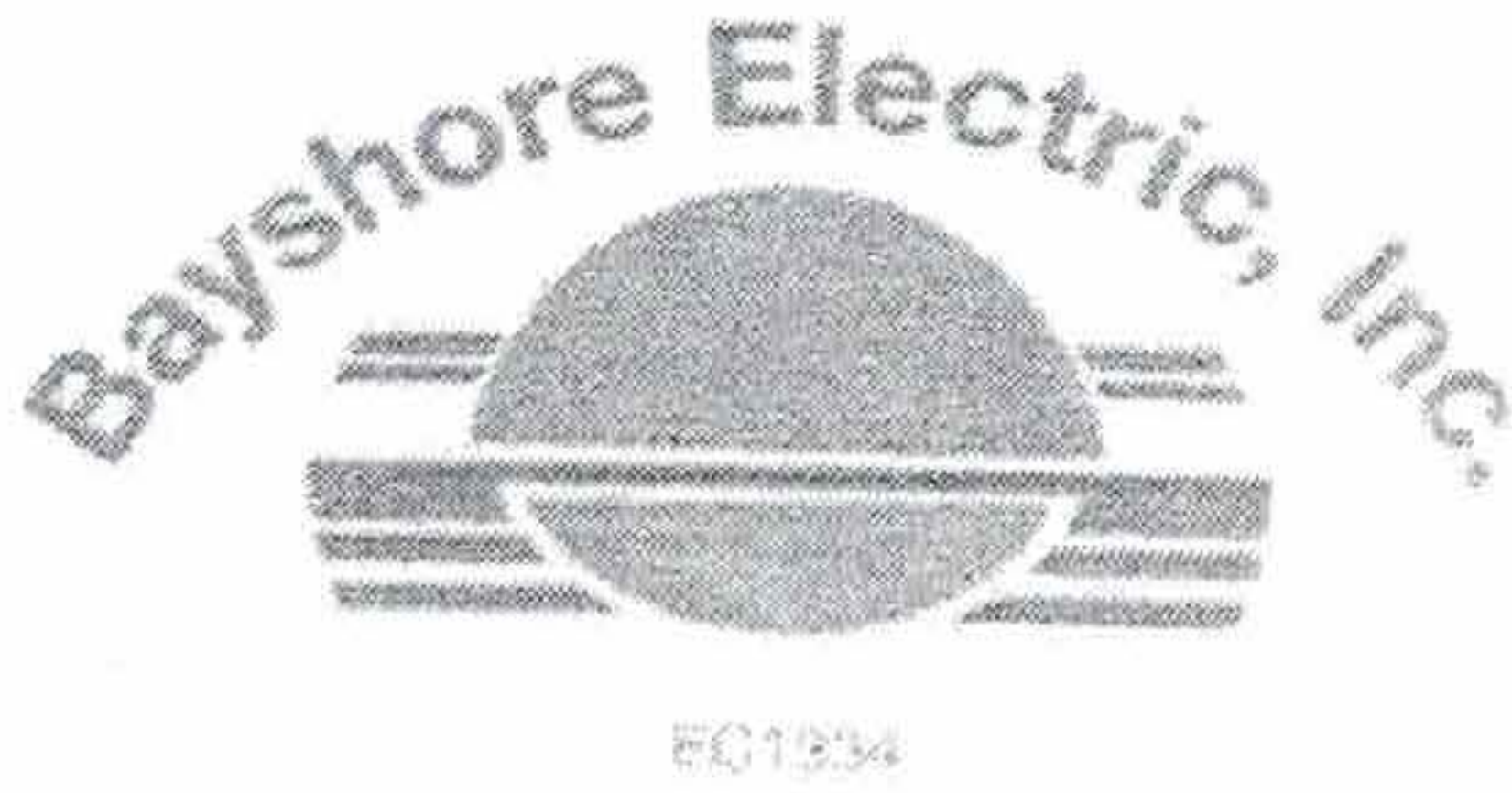
PUMP HOUSE

Description	Amount
Materials and labor to remove and replace 38 lineal ft of 4x8 T1-11 siding with hardie board siding on exterior of building.	\$4,189.54
Materials and labor to remove and replace 1 square of rolled roofing with new drip edge.	\$950.00
Materials and labor to prime and paint new siding.	\$1,089.00

**Amount Due** \$6,228.54

**Total** \$6,228.54





804 Root Street  
Daytona Beach, FL 32114  
Telephone: (386) 252-2287  
Fax: (386) 257-1920

**Proposal**

Name:	North Peninsula Utilities	Job Name:	Electrical box replacements
Street:	115 E Granada Ave	Street:	
City:	Ormond Beach, FL 32176	City:	
Attn:	Bob Hillman	Date:	5/3/19
Phone:	299-3111	Fax:	677-8146

We hereby submit this proposal for the electrical work specified:

- Replace 7 electrical control boxes controlling the flow of wastewater
- Replace disconnects controlling power to equipment
- Replace deteriorated unistrut supporting equipment
- Replace fuses in disconnects
- Replace GFI receptacles on property
- Replace sludge control box and rewire motor

We hereby propose to furnish labor and materials, complete in accordance with the above specifications for the sum of: **\$25,950.00**

**Authorized Signature:** Ed McGarity  
**Title:** Estimator/Service Manager

**Acceptance of Proposal - Please sign and return one copy.**

The above prices, specifications, and conditions are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

**Authorized Signature:**

**Date:**

All sales tax and insurance necessary to complete this project are included.