

North River Ranch Community Development District

12051 Corporate Blvd., Orlando, FL 32817

Phone: 407-723-5900, Fax: 407-723-5901

www.northriverranchcdd.com

The following is the agenda for the **Continued** Board of Supervisors Meeting for the **North River Ranch Community Development District** scheduled to be held **Monday, December 21, 2020, 1:00 p.m. at 8141 Lakewood Main Street, Bradenton, FL 34202**. The following is the proposed agenda for this meeting.

Call in number: 1-844-621-3956 (New)

Passcode: 790 562 990 # (New)

BOARD OF SUPERVISORS' MEETING AGENDA

Administrative Matters

- Roll Call to Confirm Quorum
- Public Comment Period *[for any members of the public desiring to speak on any proposition before the Board]*

Business Matters

1. Review and Consideration of Phase 4A Bids

Other Business

Staff Reports

District Counsel
District Engineer
District Manager

Supervisor Requests and Audience Comments

Adjournment



**North River Ranch
Community Development District**

Review and Consideration of Phase 4A Bids

NORTH RIVER RANCH PHASE IV-A

Bid Summary	Ripa Bid	Jon M Hall Bid
STREETS AND DRAINAGE:	\$7,053,015.25	\$ 8,405,470.45
MISCELLANEOUS:	\$243,000.00	\$ 273,536.82
SANITARY SEWER COLLECTION SYSTEM:	\$1,563,189.05	\$ 1,806,154.50
WATER DISTRIBUTION SYSTEM:	\$501,528.95	\$ 536,208.75
RECLAIMED WATER DISTRIBUTION SYSTEM:	\$338,941.75	\$ 389,545.00
TOTAL:	\$9,699,675.00	\$ 11,410,915.52
TOTAL DAYS TO (SUBSTANTIAL / FINAL) COMPLETION:	226 / 261 calender days	179 Days

The principle items of work and quantities shown herein are approximate only and are furnished solely for the purpose of showing the approximate scope of work to be performed. The Contractor shall examine the site of the work and shall inform himself fully in regard to all conditions pertaining to the place where the work is to be done. It is the Contractor's responsibility to perform his own quantity take-off and shall submit his bid showing the items of all work, unit prices and lump sum price for all work called for in the plans, specifications and contract documents based on his assessment of the work to be performed. No claim shall be made against Clearview Land Design P.L., nor the Owner for any errors or omissions in the Contractor's items of work and quantities, and the unit prices shall only be used as a basis of payment to items specifically added or deleted upon change order approved by Owner and Clearview Land Design P.L. and as a basis for computing partial pay estimates when called for in the contract.

NOTE: Unit prices for all underground construction shall include all costs necessary to comply with the "**TRENCH SAFETY ACT**" and conform with all Occupational Safety and Health Administration (OSHA) regulations.

Contractor's Name: (Typed or Printed)

Address:

By _____
(Signature)

Title: _____

Telephone No.: _____

Job No.
File Name P:\Company\Engineering Documents & Programs\Hillsborough County\Quantities
Date:
KM/



NORTH RIVER RANCH PHASES 4A & 4B

NORTH RIVER RANCH COMMUNITY DEVELOPMENT DISTRICT



December 04, 2020

North River Ranch Community Development District
C/O Clearview Land Design
Attention: Chris Fisher
3010 W. Azeele Street, Suite 150
Tampa, Florida 33609

RE: North River Ranch Phases 4A & 4B

Dear Mr. Fisher:

RIPA & Associates is pleased to submit our Contractor Qualifications and proposal for the North River Ranch Phases 4A & 4B project. This proposal was prepared in accordance with plans and specifications provided by your firm.

RIPA is Tampa Bay's leader in site development. Our resources and experience will allow us to deliver this project in an expeditious and cost effective manner. We clearly understand what it takes to successfully complete this project while focusing on safety and customer satisfaction.

If you should have any questions or concerns or need any additional information, feel free to call me at our office or on my cell phone at 813.417.6920. We thank you for the opportunity to bid this project and we look forward to working with you in the near future.

Sincerely yours,

A handwritten signature in blue ink, appearing to read "Andrew Babchick".

RIPA & ASSOCIATES, LLC
Andrew Babchick
Estimator



NORTH RIVER RANCH PHASE IV-A

Bid Summary

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NOTE: Unit prices for all underground construction shall include all costs necessary to comply with the "**TRENCH SAFETY ACT**" and conform with all Occupational Safety and Health Administration (OSHA) regulations.

Contractor's Name: (Typed or Printed)	Address:
<u>RIPA & Associates, LLC</u>	<u>1409 Tech Boulevard, Suite 1</u>
By <u>Chris LaFace</u> (Signature)	<u>Tampa, Florida 33619-7843</u>
Title: <u>President & CEO</u>	Telephone No.: <u>813.623.6777</u>

Job No.
 File Name P:\Company\Engineering Documents & Programs\Hillsborough County\Quantities
 Date:
 KM/

STREETS AND DRAINAGE

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
1.	Mobilization	LS	1	\$ 194,000.00	\$ 194,000.00
2.	Compliance with requirements of FDEP Generic NPDES Permit	LS	1	\$ 29,000.00	\$ 29,000.00
4.	Clearing and Grubbing	LS	1	\$ 648,000.00	\$ 648,000.00
5.	Solid Sod (Side slopes steeper than 5:1)	SY	73,550	\$ 2.50	\$ 183,875.00
6.	Grass and Mulch (Side slopes flatter than 5:1)	SY	329,975	\$ 0.30	\$ 98,992.50
7.	Unclassified Excavation	LS	1	INCLUDED	\$ -
8.	Demolition Work/Removal & Disposal Off-site*	LS	1	\$ 5,900.00	\$ 5,900.00
9.	Wetland and Deleterious Soils Removal (if required)**	LS	1	(\$30.00 / CY)	\$ -
10.	Berm Construction	LS	1	\$ 17,500.00	\$ 17,500.00
	Anchor Block Retaining Wall	LF	240	\$ 305.00	\$ 73,200.00
	Final Grading	LS	1	\$ 69,000.00	\$ 69,000.00
10.	Off-site Fill (if required)***	LS	STANDARD	(\$12.00 / CY)	\$ -
11.	Off-site Fill (In Place-Compacted)	LS	1	(\$5.00 / CY)	\$ -
12.	Earthwork to Mass Grade/Balance Phases IV-A & IV-B				
	Cut	CY	294100	\$ 3.25	\$ 955,825.00
	Fill	CY		\$ -	\$ -
12.	Earthwork to Stockpile for future phases				
	Cut	CY	826750	\$ 2.50	\$ 2,066,875.00
	Fill	CY		\$ -	\$ -
	*Demo/Removal and off-site removal shall be according to all Federal, State & Local regulations.				
	*On-Site well(s) to be abandoned per SWFWMD Regulation 40D-3.531				
	**Provide anticipated earthwork quantity for informational purposes				
	***Provide anticipated quantity, total price per yard and price breakdown to purchase, haul & place for informational purposes				

STREETS AND DRAINAGE

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
12.	Signing and Pavement Marking	LS	1	\$ 34,526.40	\$ 34,526.40
12.	Saw-Cut and Match Existing Pavement	EA	2	\$ 980.00	\$ 1,960.00
12.	Drainage Swale	LF	280	\$ 6.20	\$ 1,736.00
12.	Staked Erosion Control	LF	28502	\$ 1.25	\$ 35,627.50
12.	1.75" Asphaltic Surface Course (Type S-9.5)	SY	22957	\$ 12.50	\$ 286,962.50
12.	6" Crushed Concrete Base Course****	SY	19032	\$ 16.20	\$ 308,318.40
12.	8" Crushed Concrete Base Course****	SY	3925	\$ 20.85	\$ 81,836.25
12.	12" Stabilized Subgrade	SY	3925	\$ 4.60	\$ 18,055.00
12.	6" Stabilized Subgrade	SY	19032	\$ 4.60	\$ 87,547.20
12.	5' Concrete Sidewalk	LF	2784	\$ 20.25	\$ 56,376.00
12.	10' Concrete Sidewalk	LF	850	\$ 40.45	\$ 34,382.50
12.	ADA Sidewalk Ramp per FDOT Index 522 (Complete)	EA	15	\$ 1,000.00	\$ 15,000.00
****The contractor shall base his bid on construction the crushed concrete base thickness as shown in plans.					
The crushed concrete base shall meet or exceed the requirements of the County Engineer. The materials shall be produced from a source approved by the Florida Department of Transportation or the County Engineer.					
**** The contractor shall base his bid on constructing the soil cement base with full blend borrow material with a minimum seven (7) day compressive strength of 300 psi for _____ inch (") soil cement base. If additional cement material is required at the time of construction due to the contractor wanting to mix when slightly excessive moisture is present or if "wet spots" are encountered, then the contractor is responsible for the additional cost.					

STREETS AND DRAINAGE

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
12.	Concrete Miami Curb (Type A) W/Stabilization	LF	16186	\$ 13.10	\$ 212,036.60
99.	Concrete Curb and Gutter (Type F) W/Stabilization	LF	1667	\$ 16.00	\$ 26,672.00
99.	Concrete Curb (Type D) W/Stabilization	LF	599	\$ 11.65	\$ 6,978.35
12.	"T" Type Turnaround (install)	EA	1	\$ 2,750.00	\$ 2,750.00
12.	Dead End Barricade (install)	EA	7	\$ 175.00	\$ 1,225.00
****The contractor shall base his bid on construction the crushed concrete base thickness as shown in plans.					
The crushed concrete base shall meet or exceed the requirements of the County Engineer. The materials shall be produced from a source approved by the Florida Department of Transportation or the County Engineer.					
*****All cost for stabilization under curb shall be included in the unit price for the construction of the curb.					

STREETS AND DRAINAGE

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
12.	6" Underdrain	LF	2034	\$ 15.50	\$ 31,527.00
12.	6" Underdrain Cleanout	EA	11	\$ 290.00	\$ 3,190.00
12.	8" HDPE	LF	624	\$ 17.35	\$ 10,826.40
12.	12" HDPE	LF	172	\$ 21.20	\$ 3,646.40
12.	15" RCP	LF	391	\$ 38.30	\$ 14,975.30
12.	18" HDPE	LF	839	\$ 35.75	\$ 29,994.25
12.	18" RCP	LF	2949	\$ 46.45	\$ 136,981.05
12.	24" RCP	LF	1805	\$ 61.45	\$ 110,917.25
12.	30" RCP	LF	2999	\$ 84.60	\$ 253,715.40
12.	36" RCP	LF	161	\$ 110.00	\$ 17,710.00
12.	42" RCP	LF	159	\$ 140.00	\$ 22,260.00
12.	48" RCP	LF	224	\$ 170.00	\$ 38,080.00
12.	54" RCP	LF	371	\$ 220.00	\$ 81,620.00
12.	66" RCP	LF	381	\$ 385.00	\$ 146,685.00
12.	Inline Drain	EA	6	\$ 900.00	\$ 5,400.00
12.	Drain Basin	EA	4	\$ 900.00	\$ 3,600.00

STREETS AND DRAINAGE

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
12.	FDOT Type 1 Curb Inlet (3'- 6" x 4'-0" Box)	EA	4	\$ 5,350.00	\$ 21,400.00
12.	Type 1 Curb Inlet	EA	38	\$ 4,250.00	\$ 161,500.00
12.	Type 1 Curb Inlet (w/"J" Bottom)	EA	3	\$ 6,000.00	\$ 18,000.00
12.	Type C Ditch Bottom Grate Top Inlet	EA	6	\$ 2,200.00	\$ 13,200.00
12.	Type P Manhole	EA	14	\$ 2,750.00	\$ 38,500.00
12.	Type J Manhole	EA	1	\$ 7,900.00	\$ 7,900.00
12.	Control Structure 29 "Type C" (complete)	LS	1	\$ 3,900.00	\$ 3,900.00
12.	Control Structure 31 "Type H" (complete)	LS	1	\$ 15,500.00	\$ 15,500.00
12.	Control Structure 34 "Type H" (complete)	LS	1	\$ 15,500.00	\$ 15,500.00
12.	Control Structure 46 "Type C" (complete)	LS	1	\$ 3,900.00	\$ 3,900.00
12.	Control Structure 54 "Type C" (complete)	LS	1	\$ 3,900.00	\$ 3,900.00
12.	Control Structure 56 "Type H" (complete)	LS	1	\$ 15,500.00	\$ 15,500.00
12.	Control Structure 73 "Type C" (complete)	LS	1	\$ 3,900.00	\$ 3,900.00
12.	Control Structure 83A "Type C" (complete)	LS	1	\$ 3,900.00	\$ 3,900.00
12.	Control Structure 124 "Type D" (complete)	LS	1	\$ 5,250.00	\$ 5,250.00
12.	Control Structure 126 "Type C" (complete)	LS	1	\$ 3,900.00	\$ 3,900.00
12.	Control Structure 128 "Type H" (complete)	LS	1	\$ 15,500.00	\$ 15,500.00
12.	Control Structure 130 "Type D" (complete)	LS	1	\$ 5,250.00	\$ 5,250.00
12.	Control Structure 132 "Type D" (complete)	LS	1	\$ 5,250.00	\$ 5,250.00
12.	Control Structure 149 "Type D" (complete)	LS	1	\$ 5,250.00	\$ 5,250.00

STREETS AND DRAINAGE

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
12.	Mitered End Section 15" RCP	EA	1	\$ 1,500.00	\$ 1,500.00
12.	Mitered End Section 18" RCP	EA	11	\$ 1,600.00	\$ 17,600.00
12.	Mitered End Section 24" RCP	EA	8	\$ 1,750.00	\$ 14,000.00
12.	Mitered End Section 30" RCP	EA	5	\$ 2,900.00	\$ 14,500.00
12.	Mitered End Section 36" RCP	EA	3	\$ 3,550.00	\$ 10,650.00
12.	Mitered End Section 42" RCP	EA	1	\$ 4,300.00	\$ 4,300.00
12.	Mitered End Section 48" RCP	EA	1	\$ 4,900.00	\$ 4,900.00
12.	Mitered End Section 54" RCP	EA	1	\$ 7,550.00	\$ 7,550.00
12.	Mitered End Section 66" RCP	EA	1	\$ 10,000.00	\$ 10,000.00
12.	Geospillway "A" 4 feet wide	LS	1	\$ 1,800.00	\$ 1,800.00
12.	Geospillway "B" 3 feet wide	LS	1	\$ 1,800.00	\$ 1,800.00
12.	Geospillway "C" 14 feet wide	LS	1	\$ 5,400.00	\$ 5,400.00
12.	Geospillway "D" 8 feet wide	LS	1	\$ 3,600.00	\$ 3,600.00
12.	Geospillway "E" 14 feet wide	LS	1	\$ 5,400.00	\$ 5,400.00
12.	Geospillway "F" 30 feet wide	LS	1	\$ 12,500.00	\$ 12,500.00
12.	Geospillway "G" 12 feet wide	LS	1	\$ 5,400.00	\$ 5,400.00
12.	Plug 18" RCP Structure # 92	EA	1	\$ 310.00	\$ 310.00
12.	Plug 18" RCP Structure # 95	EA	1	\$ 310.00	\$ 310.00
12.	Plug 30" RCP Structure # 87	EA	1	\$ 310.00	\$ 310.00
12.	Structure # 87 with Temp Concrete Tops	EA	1	\$ 4,250.00	\$ 4,250.00
12.	Structure # 95 with Temp Concrete Tops	EA	1	\$ 4,250.00	\$ 4,250.00
	Storm Testing and Dewatering	LS	1	\$ 90,500.00	\$ 90,500.00
				TOTAL	\$ 7,053,015.25

By: _____

Checked: _____

Engineer: _____

MISCELLANEOUS ITEMS					
Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
1.	Boundary Survey, PCPs & Lot Corners - (By others)			BY OTHERS	\$ -
2.	Bid Bond	LS	1	INCLUDED	\$ -
2.	Performance Bond	LS	1	\$ 125,000.00	\$ 125,000.00
3.	Record Drawing - (By Others)			BY OTHERS	\$ -
4.	Survey Stakeout - (By Others)			BY OTHERS	\$ -
5.	Soils, Materials Testing- (By Others)			BY OTHERS	\$ -
6.	Water System Testing & Inspection	LS	1	\$ 36,000.00	\$ 36,000.00
7.	Reclaimed Water System Testing & Inspection	LS	1	\$ 27,500.00	\$ 27,500.00
8.	Sewer System Testing & Inspection	LS	1	\$ 54,500.00	\$ 54,500.00
				TOTAL	\$ 243,000.00
By: _____					
Checked: _____					
Engineer: _____					

SANITARY SEWAGE COLLECTION SYSTEM					
Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
1.	8" PVC (0' - 6' Cut)	LF	788	\$ 27.45	\$ 21,630.60
3.	8" PVC (6' - 8' Cut)	LF	1405	\$ 28.50	\$ 40,042.50
5.	8" PVC (8' - 10' Cut)	LF	1691	\$ 29.75	\$ 50,307.25
4.	8" C 900 PVC (8' - 10' Cut)	LF	20	\$ 44.05	\$ 881.00
6.	8" PVC (10' - 12' Cut)	LF	1292	\$ 31.40	\$ 40,568.80
6.	8" PVC (12' - 14' Cut)	LF	1176	\$ 35.00	\$ 41,160.00
6.	8" PVC (14' - 16' Cut)	LF	509	\$ 61.50	\$ 31,303.50
8.	8" PVC (16' - 18' Cut)	LF	260	\$ 75.75	\$ 19,695.00
9.	8" PVC (18' - 20' Cut)	LF	571	\$ 89.50	\$ 51,104.50
10.	8" PVC (20' - 22' Cut)	LF	287	\$ 105.00	\$ 30,135.00
12.	8" PVC (22' - 24' Cut)	LF	350	\$ 130.00	\$ 45,500.00
19.	Standard Manhole (0' - 6' Cut)	EA	6	\$ 3,450.00	\$ 20,700.00
20.	Standard Manhole (6' - 8' Cut)	EA	6	\$ 3,600.00	\$ 21,600.00
21.	Standard Manhole (8' - 10' Cut)	EA	8	\$ 4,000.00	\$ 32,000.00
22.	Standard Manhole (10' - 12' Cut)	EA	5	\$ 4,400.00	\$ 22,000.00
23.	Standard Manhole (12' - 14' Cut)	EA	3	\$ 4,900.00	\$ 14,700.00
24.	Standard Manhole (14' - 16' Cut)	EA	2	\$ 5,700.00	\$ 11,400.00
25.	Standard Manhole (16' - 18' Cut)	EA	1	\$ 6,050.00	\$ 6,050.00

SANITARY SEWAGE COLLECTION SYSTEM

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
25.	Polymer Manhole (10' - 12' Cut)	EA	1	\$ 25,500.00	\$ 25,500.00
22.	Polymer Manhole (18' - 20' Cut)	EA	3	\$ 31,000.00	\$ 93,000.00
23.	Polymer Manhole (20' - 22' Cut)	EA	1	\$ 33,000.00	\$ 33,000.00
24.	Polymer Manhole (22' - 24' Cut)	EA	3	\$ 26,000.00	\$ 78,000.00
25.	Water Tight Manhole Seals	LS	1	\$ 5,000.00	\$ 5,000.00
8.	8" Plug and Stub	EA	4	\$ 815.00	\$ 3,260.00
	6" x 4" Reducer	EA	1	INCLUDED	\$ -
	8" x 6" Reducer	EA	1	\$ 405.00	\$ 405.00
4.	8" x 6" Tee Wye	EA	2	\$ 900.00	\$ 1,800.00
4.	8" x 8" Tee Wye	EA	1	\$ 900.00	\$ 900.00
4.	16" x 8" Tee Wye	EA	1	\$ 1,600.00	\$ 1,600.00

SANITARY SEWAGE COLLECTION SYSTEM

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
23.	Single Sewer Service Connection *	EA	13	\$ 710.00	\$ 9,230.00
25.	Double Sewer Service Connection*	EA	116	\$ 1,250.00	\$ 145,000.00
29.	Pump Station (complete) (30 - 32' Cut)	LS	1	\$ 486,500.00	\$ 486,500.00
30.	6" PVC Forcemain	LF	1472	\$ 17.45	\$ 25,686.40
31.	6" Plug	EA	1	\$ 290.00	\$ 290.00
31.	6" Plug Valve	EA	2	\$ 2,000.00	\$ 4,000.00
	Air Release Valve	EA	2	\$ 4,800.00	\$ 9,600.00
3.	8" PVC Forcemain	EA	4281	\$ 21.10	\$ 90,329.10
31.	8" Plug	EA	1	\$ 880.00	\$ 880.00
31.	8" Plug Valve	EA	7	\$ 2,500.00	\$ 17,500.00
3.	16" PVC Forcemain	EA	16	\$ 58.15	\$ 930.40
3.	16" Plug Valve	EA	1	\$ 12,500.00	\$ 12,500.00
3.	16" Steel Casing	LF	95	\$ 110.00	\$ 10,450.00
1.	6" 45° Bend	EA	9	\$ 400.00	\$ 3,600.00
1.	8" 45° Bend	EA	5	\$ 575.00	\$ 2,875.00
12.	8" 90° Bend	EA	1	\$ 575.00	\$ 575.00
19.	Joint Restraint	LS	1	INCLUDED	\$ -
				TOTAL	\$ 1,563,189.05

By: _____

Checked: _____

Engineer: _____

* Shall consist of all bends, tees, plugs, cleanouts or any other appurtenances comprising a complete service.

** Shall consist of all pipe, valves, tees, fittings or any other appurtenances comprising a complete working assembly.

WATER DISTRIBUTION SYSTEM					
Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
1.	Remove Plug and Connect to Existing 24" Water Main	LS	1	\$ 2,500.00	\$ 2,500.00
2.	Connect to Existing 12 " Water Main	LS	1	\$ 1,400.00	\$ 1,400.00
3.	Temporary Construction Meter Assembly	LS	1	\$ 6,050.00	\$ 6,050.00
4.	8" x 24" Tapping Valve and Sleeve	EA	1	\$ 9,150.00	\$ 9,150.00
8.	8" PVC Water Main	LF	8653	\$ 22.15	\$ 191,663.95
9.	10" DIP Water Main	LF	370	\$ 53.00	\$ 19,610.00
15.	8" Gate Valve	EA	27	\$ 1,500.00	\$ 40,500.00
15.	10" Gate Valve	EA	1	\$ 2,100.00	\$ 2,100.00
15.	8" 22½ ° Bend	EA	5	\$ 295.00	\$ 1,475.00
15.	8" 45 ° Bend	EA	12	\$ 295.00	\$ 3,540.00
15.	10" x 8" Tee	EA	1	\$ 535.00	\$ 535.00
15.	8" x 8" Tee	EA	6	\$ 460.00	\$ 2,760.00
15.	8" x 8" Cross	EA	2	\$ 485.00	\$ 970.00

RECLAIMED WATER DISTRIBUTION SYSTEM					
Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
2.	Remove Blow-off and Connect to Existing 6 " Reclaimed Water Main	LS	1	\$ 1,050.00	\$ 1,050.00
5.	2" PVC Reclaimed Water Main	LF	45	\$ 14.55	\$ 654.75
5.	6" DIP Reclaimed Water Main	LF	100	\$ 39.40	\$ 3,940.00
5.	6" PVC Reclaimed Water Main	LF	8692	\$ 16.00	\$ 139,072.00
5.	Blow-off Assembly *	EA	1	\$ 880.00	\$ 880.00
15.	2" Plug	EA	4	INCLUDED	\$ -
16.	2" Gate Valve	EA	2	\$ 675.00	\$ 1,350.00
18.	6" Gate Valve	EA	38	\$ 1,100.00	\$ 41,800.00
26.	6" 11¼ ° Bend	EA	1	\$ 225.00	\$ 225.00
26.	6" 22½ ° Bend	EA	16	\$ 225.00	\$ 3,600.00
26.	6" 45 ° Bend	EA	24	\$ 225.00	\$ 5,400.00
26.	6" x 6" Tee	EA	8	\$ 350.00	\$ 2,800.00
26.	6" x 2" Tee	EA	3	\$ 350.00	\$ 1,050.00
26.	6" x 6" Cross	EA	1	\$ 470.00	\$ 470.00
26.	PVC to DIP Transistion Fitting	EA	1	\$ 500.00	\$ 500.00

RECLAIMED WATER DISTRIBUTION SYSTEM

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
99.	Water Service Sleeve	LF	0	\$ -	\$ -
99.	Single Service (Short) **	EA	20	\$ 655.00	\$ 13,100.00
999.	Double Service (Short) **	EA	57	\$ 1,000.00	\$ 57,000.00
9.	Single Service (Long) **	EA	25	\$ 750.00	\$ 18,750.00
9.	Double Service (Long) **	EA	43	\$ 1,100.00	\$ 47,300.00
9.	Shock Pad (Contingency)	EA		\$ 2,000.00	\$ -
99.	Joint Restraint	LS		INCLUDED	\$ -
				TOTAL	\$ 338,941.75

By: _____

Checked: _____

Engineer: _____

* Shall consist of all pipe, valves, tees, fittings or any other appurtenances comprising a complete working assembly.

** Shall consist of all corporation stops, curb stops, pipe or tubing or any other appurtenances comprising a complete water service.

THE AMERICAN INSTITUTE OF ARCHITECTS

AIA Document A310

Bid Bond

KNOW ALL MEN BY THESE PRESENTS, that we

Ripa & Associates, LLC
1409 Tech Boulevard, Suite 1
Tampa, FL 33619

as Principal, hereinafter called the Principal, and
Travelers Casualty and Surety Company of America
1 North Dale Mabry Highway, Suite 1005
Tampa, FL 33609

a corporation duly organized under the laws of the State CT
as Surety, hereinafter called the Surety, are held and firmly bound unto
North River Ranch Community Development District
c/o Clearview Land Design, P.L.
3010 W. Azele Street, Suite 150
Tampa, FL 33609

as Obligee, hereinafter called the Obligee, in the sum of **Five Percent of Amount Bid in U.S. Dollars (\$5%)** for
the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our
heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal has submitted a bid for
North River Ranch Phases IV-A & IV-B – Manatee County, FL.
Site Development Improvements

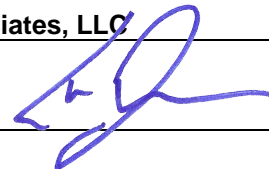
NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a
Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be
specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of
such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the
event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay
to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such
larger amount for which the Obligee may in good faith contract with another party to perform the Work covered
by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed December 04, 2020



Michelle Barthle (Witness)

Ripa & Associates, LLC



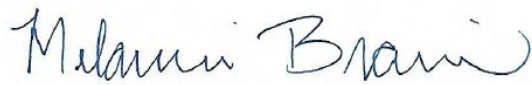
Chris LaFace



Travelers Casualty and Surety Company of America



David B. Shick, Attorney-In-Fact and
Licensed FL Resident Agent #A241176



(Witness)



**Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company**

POWER OF ATTORNEY

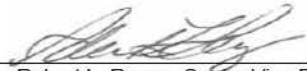
KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **David B. Shick** of **TAMPA, Florida**, their true and lawful Attorney-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **3rd** day of **February**, 2017.



State of Connecticut

City of Hartford ss.

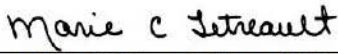
By: 
Robert L. Raney, Senior Vice President

On this the **3rd** day of **February**, 2017, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June**, 2021




Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, any Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

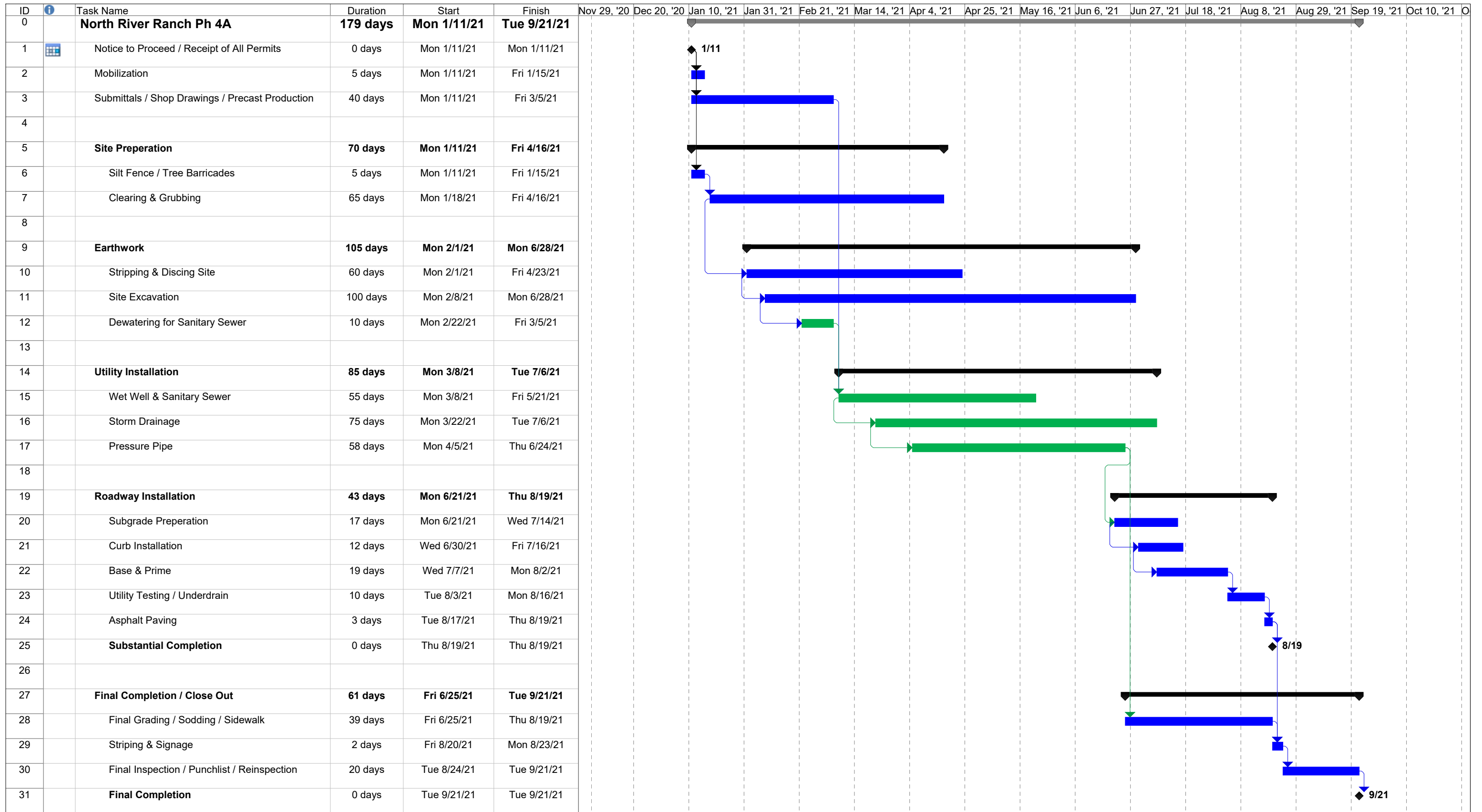
I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this _____ day of _____,




Kevin E. Hughes, Assistant Secretary

**To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney-in-Fact and the details of the bond to which the power is attached.**



Project: North River Ranch Ph 4A Date: Fri 12/4/20	Task		Project Summary		Inactive Summary		Manual Summary		External Milestone	
	Split		External Tasks		Manual Task		Start-only		Progress	
	Milestone		External Milestone		Duration-only		Finish-only		Deadline	
	Summary		Inactive Milestone		Manual Summary Rollup		External Tasks			



CORPORATE HEADQUARTERS

1409 Tech Boulevard, Suite 1
Tampa, FL 33619



VENICE OFFICE

108 Triple Diamond Boulevard
North Venice, FL 34275



FLEET DEPARTMENT

10149 Fisher Avenue
Tampa, FL 33619



GENERAL INFORMATION

Email: info@ripaconstruction.com

HUMAN RESOURCES:

Email: hr@ripaconstruction.com

(813) 663-6720

(813) 663-6726

NEW PROJECTS:

Chris LaFace

Email: claface@ripaconstruction.com

813.623.6777 Phone

813.663.6721 Fax

WWW.RIPATAMPA.COM

FLORIDA LICENSED CONTRACTOR

CGC009082

CUC057369

PCC056774

Contractor V 893536-0001-2007

CUC1224980

FPC12-000056




NORTH RIVER RANCH PHASE IV-A

Bid Summary

STREETS AND DRAINAGE:	\$	8,405,470.45
MISCELLANEOUS:	\$	273,536.82
SANITARY SEWER COLLECTION SYSTEM:	\$	1,806,154.50
WATER DISTRIBUTION SYSTEM:	\$	536,208.75
RECLAIMED WATER DISTRIBUTION SYSTEM:	\$	389,545.00
TOTAL:	\$	11,410,915.52
TOTAL DAYS TO COMPLETION:		179

The principle items of work and quantities shown herein are approximate only and are furnished solely for the purpose of showing the approximate scope of work to be performed. The Contractor shall examine the site of the work and shall inform himself fully in regard to all conditions pertaining to the place where the work is to be done. It is the Contractor's responsibility to perform his own quantity take-off and shall submit his bid showing the items of all work, unit prices and lump sum price for all work called for in the plans, specifications and contract documents based on his assessment of the work to be performed. No claim shall be made against Clearview Land Design P.L., nor the Owner for any errors or omissions in the Contractor's items of work and quantities, and the unit prices shall only be used as a basis of payment to items specifically added or deleted upon change order approved by Owner and Clearview Land Design P.L. and as a basis for computing partial pay estimates when called for in the contract.

NOTE: Unit prices for all underground construction shall include all costs necessary to comply with the "TRENCH SAFETY ACT" and conform with all Occupational Safety and Health Administration (OSHA) regulations.

Contractor's Name: (Typed or Printed)	Address:
<u>Jon M Hall Company</u>	<u>1400 Martin Luther King Jr. Blvd.</u>
By <u></u> (Signature)	<u>Sanford, FL 32771</u>
Title: <u>West Coast Division Manager</u>	Telephone No.: <u>407-215-0410</u>

Job No.
 File Name P:\Company\Engineering Documents & Programs\Hillsborough County\Quantities
 Date:
 KM/

STREETS AND DRAINAGE

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
1.	Mobilization	LS	1	\$ 225,000.00	\$ 225,000.00
2.	Compliance with requirements of FDEP Generic NPDES Permit	LS	1	\$ 16,500.00	\$ 16,500.00
4.	Clearing and Grubbing	LS	1	\$ 404,835.00	\$ 404,835.00
5.	Solid Sod (Side slopes steeper than 5:1)	SY	73,550	\$ 2.80	\$ 205,940.00
6.	Grass and Mulch (Side slopes flatter than 5:1)	SY	329,975	\$ 0.30	\$ 98,992.50
7.	Unclassified Excavation	LS	1	\$ 24,100.00	\$ 24,100.00
8.	Demolition Work/Removal & Disposal Off-site*	LS	1	\$ 3,000.00	\$ 3,000.00
9.	Wetland and Deleterious Soils Removal (if required)**	LS	1	\$ 6.35	\$
10.	Berm Construction	LS	1	\$ 17,500.00	\$ 17,500.00
	Anchor Block Retaining Wall	LF	240	\$ 93.00	\$ 22,320.00
	Final Grading	LS	1	\$ 126,000.00	\$ 126,000.00
10.	Off-site Fill (if required)***	LS	STANDARD	\$ 13.50	\$
11.	Off-site Fill (In Place-Compacted)	LS	0	\$ 2.80	\$ -
12.	Earthwork to Mass Grade/Balance Phases IV-A & IV-B				
	Cut	CY	301735	\$ 2.60	\$ 784,511.00
	Fill	CY	301735	\$ 1.05	\$ 316,821.75
12.	Earthwork to Stockpile for future phases				
	Cut	CY	796992	\$ 3.74	\$ 2,980,750.08
	Fill	CY	796992	\$ 0.66	\$ 526,014.72
	*Demo/Removal and off-site removal shall be according to all Federal, State & Local regulations.				
	*On-Site well(s) to be abandoned per SWFWMD Regulation 40D-3.531				
	**Provide anticipated earthwork quantity for informational purposes				
	***Provide anticipated quantity, total price per yard and price breakdown to purchase, haul & place for informational purposes				

STREETS AND DRAINAGE

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
12.	Signing and Pavement Marking	LS	1	\$ 36,500.00	\$ 36,500.00
12.	Saw-Cut and Match Existing Pavement	EA	2	\$ 154.00	\$ 308.00
12.	Drainage Swale	LF	280	\$ 7.45	\$ 2,086.00
12.	Staked Erosion Control	LF	28502	\$ 1.25	\$ 35,627.50
12.	1.75" Asphaltic Surface Course (Type S-9.5)	SY	22957	\$ 12.15	\$ 278,927.55
12.	6" Crushed Concrete Base Course****	SY	19032	\$ 14.60	\$ 277,867.20
12.	8" Crushed Concrete Base Course****	SY	3925	\$ 18.50	\$ 72,612.50
12.	12" Stabilized Subgrade	SY	3925	\$ 4.75	\$ 18,643.75
12.	6" Stabilized Subgrade	SY	19032	\$ 4.50	\$ 85,644.00
12.	5' Concrete Sidewalk	LF	2784	\$ 18.75	\$ 52,200.00
12.	10' Concrete Sidewalk	LF	850	\$ 37.50	\$ 31,875.00
12.	ADA Sidewalk Ramp per FDOT Index 522 (Complete)	EA	15	\$ 1,060.00	\$ 15,900.00
****The contractor shall base his bid on construction the crushed concrete base thickness as shown in plans.					
The crushed concrete base shall meet or exceed the requirements of the County Engineer. The materials shall be produced from a source approved by the Florida Department of Transportation or the County Engineer.					
**** The contractor shall base his bid on constructing the soil cement base with full blend borrow material with a minimum seven (7) day compressive strength of 300 psi for _____ inch (") soil cement base. If additional cement material is required at the time of construction due to the contractor wanting to mix when slightly excessive moisture is present or if "wet spots" are encountered, then the contractor is responsible for the additional cost.					

STREETS AND DRAINAGE

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
12.	Concrete Miami Curb (Type A) W/Stabilization	LF	16186	\$ 10.65	\$ 172,380.90
99.	Concrete Curb and Gutter (Type F) W/Stabilization	LF	1667	\$ 13.00	\$ 21,671.00
99.	Concrete Curb (Type D) W/Stabilization	LF	599	\$ 11.50	\$ 6,888.50
12.	"T" Type Turnaround (install)	EA	1	\$ 2,500.00	\$ 2,500.00
12.	Dead End Barricade (install)	EA	7	\$ 468.00	\$ 3,276.00
****The contractor shall base his bid on construction the crushed concrete base thickness as shown in plans.					
The crushed concrete base shall meet or exceed the requirements of the County Engineer. The materials shall be produced from a source approved by the Florida Department of Transportation or the County Engineer.					
****All cost for stabilization under curb shall be included in the unit price for the construction of the curb.					

STREETS AND DRAINAGE

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
12.	6" Underdrain	LF	2034	\$ 30.00	\$ 61,020.00
12.	6" Underdrain Cleanout	EA	11	\$ 175.00	\$ 1,925.00
12.	8" HDPE	LF	624	\$ 18.00	\$ 11,232.00
12.	12" HDPE	LF	172	\$ 22.00	\$ 3,784.00
12.	15" RCP	LF	391	\$ 34.50	\$ 13,489.50
12.	18" HDPE	LF	839	\$ 28.50	\$ 23,911.50
12.	18" RCP	LF	2949	\$ 41.00	\$ 120,909.00
12.	24" RCP	LF	1805	\$ 54.50	\$ 98,372.50
12.	30" RCP	LF	2999	\$ 77.00	\$ 230,923.00
12.	36" RCP	LF	161	\$ 100.00	\$ 16,100.00
12.	42" RCP	LF	159	\$ 125.00	\$ 19,875.00
12.	48" RCP	LF	224	\$ 158.00	\$ 35,392.00
12.	54" RCP	LF	371	\$ 209.00	\$ 77,539.00
12.	66" RCP	LF	381	\$ 341.00	\$ 129,921.00
12.	Inline Drain	EA	6	\$ 419.00	\$ 2,514.00
12.	Drain Basin	EA	4	\$ 2,160.00	\$ 8,640.00

STREETS AND DRAINAGE

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
12.	FDOT Type 1 Curb Inlet (3'- 6" x 4'-0" Box)	EA	4	\$ 3,550.00	\$ 14,200.00
12.	Type 1 Curb Inlet	EA	38	\$ 3,550.00	\$ 134,900.00
12.	Type 1 Curb Inlet (w/"J" Bottom)	EA	3	\$ 4,860.00	\$ 14,580.00
12.	Type C Ditch Bottom Grate Top Inlet	EA	6	\$ 2,160.00	\$ 12,960.00
12.	Type P Manhole	EA	14	\$ 2,880.00	\$ 40,320.00
12.	Type J Manhole	EA	1	\$ 3,800.00	\$ 3,800.00
12.	Control Structure 29 "Type C" (complete)	LS	1	\$ 2,920.00	\$ 2,920.00
12.	Control Structure 31 "Type H" (complete)	LS	1	\$ 7,750.00	\$ 7,750.00
12.	Control Structure 34 "Type H" (complete)	LS	1	\$ 6,220.00	\$ 6,220.00
12.	Control Structure 46 "Type C" (complete)	LS	1	\$ 3,220.00	\$ 3,220.00
12.	Control Structure 54 "Type C" (complete)	LS	1	\$ 3,190.00	\$ 3,190.00
12.	Control Structure 56 "Type H" (complete)	LS	1	\$ 7,380.00	\$ 7,380.00
12.	Control Structure 73 "Type C" (complete)	LS	1	\$ 3,150.00	\$ 3,150.00
12.	Control Structure 83A "Type C" (complete)	LS	1	\$ 3,020.00	\$ 3,020.00
12.	Control Structure 124 "Type D" (complete)	LS	1	\$ 3,910.00	\$ 3,910.00
12.	Control Structure 126 "Type C" (complete)	LS	1	\$ 3,250.00	\$ 3,250.00
12.	Control Structure 128 "Type H" (complete)	LS	1	\$ 5,600.00	\$ 5,600.00
12.	Control Structure 130 "Type D" (complete)	LS	1	\$ 3,700.00	\$ 3,700.00
12.	Control Structure 132 "Type D" (complete)	LS	1	\$ 4,070.00	\$ 4,070.00
12.	Control Structure 149 "Type D" (complete)	LS	1	\$ 4,260.00	\$ 4,260.00

STREETS AND DRAINAGE

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
12.	Mitered End Section 15" RCP	EA	1	\$ 1,140.00	\$ 1,140.00
12.	Mitered End Section 18" RCP	EA	11	\$ 1,420.00	\$ 15,620.00
12.	Mitered End Section 24" RCP	EA	8	\$ 1,580.00	\$ 12,640.00
12.	Mitered End Section 30" RCP	EA	5	\$ 2,510.00	\$ 12,550.00
12.	Mitered End Section 36" RCP	EA	3	\$ 3,050.00	\$ 9,150.00
12.	Mitered End Section 42" RCP	EA	1	\$ 6,220.00	\$ 6,220.00
12.	Mitered End Section 48" RCP	EA	1	\$ 7,490.00	\$ 7,490.00
12.	Mitered End Section 54" RCP	EA	1	\$ 7,570.00	\$ 7,570.00
12.	Mitered End Section 66" RCP	EA	1	\$ 10,400.00	\$ 10,400.00
12.	Geospillway "A" 4 feet wide	LS	1	\$ 4,500.00	\$ 4,500.00
12.	Geospillway "B" 3 feet wide	LS	1	\$ 4,500.00	\$ 4,500.00
12.	Geospillway "C" 14 feet wide	LS	1	\$ 15,600.00	\$ 15,600.00
12.	Geospillway "D" 8 feet wide	LS	1	\$ 9,010.00	\$ 9,010.00
12.	Geospillway "E" 14 feet wide	LS	1	\$ 15,600.00	\$ 15,600.00
12.	Geospillway "F" 30 feet wide	LS	1	\$ 32,900.00	\$ 32,900.00
12.	Geospillway "G" 12 feet wide	LS	1	\$ 14,100.00	\$ 14,100.00
12.	Plug 18" RCP Structure # 92	EA	1	\$ 2,060.00	\$ 2,060.00
12.	Plug 18" RCP Structure # 95	EA	1	\$ 2,060.00	\$ 2,060.00
12.	Plug 30" RCP Structure # 87	EA	1	\$ 2,240.00	\$ 2,240.00
12.	Structure # 87 with Temp Concrete Tops	EA	1	\$ 6,490.00	\$ 6,490.00
12.	Structure # 95 with Temp Concrete Tops	EA	1	\$ 6,490.00	\$ 6,490.00
	Storm Testing and Dewatering	LS	1	\$ 202,000.00	\$ 202,000.00
				TOTAL	\$ 8,405,470.45

By: _____

Checked: _____

Engineer: _____

MISCELLANEOUS ITEMS					
Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
1.	Boundary Survey, PCPs & Lot Corners - (By others)				\$ -
2.	Bid Bond	LS	1	12500	\$ 12,500.00
2.	Performance Bond	LS	1	196000	\$ 196,000.00
3.	Record Drawing - (By Others)				
4.	Survey Stakeout - (By Others)				
5.	Soils, Materials Testing- (By Others)				
6.	Water System Testing & Inspection	LS	1	9127.8	\$ 9,127.80
7.	Reclaimed Water System Testing & Inspection	LS	1	7599.82	\$ 7,599.82
8.	Sewer System Testing & Inspection	LS	1	48309.2	\$ 48,309.20
				TOTAL	\$ 273,536.82
By: _____					
Checked: _____					
Engineer: _____					

SANITARY SEWAGE COLLECTION SYSTEM					
Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
1.	8" PVC (0' - 6' Cut)	LF	788	\$ 34.50	\$ 27,186.00
3.	8" PVC (6' - 8' Cut)	LF	1405	\$ 35.50	\$ 49,877.50
5.	8" PVC (8' - 10' Cut)	LF	1691	\$ 42.00	\$ 71,022.00
4.	8" C 900 PVC (8' - 10' Cut)	LF	20	\$ 43.50	\$ 870.00
6.	8" PVC (10' - 12' Cut)	LF	1292	\$ 43.50	\$ 56,202.00
6.	8" PVC (12' - 14' Cut)	LF	1176	\$ 77.00	\$ 90,552.00
6.	8" PVC (14' - 16' Cut)	LF	509	\$ 82.50	\$ 41,992.50
8.	8" PVC (16' - 18' Cut)	LF	260	\$ 90.00	\$ 23,400.00
9.	8" PVC (18' - 20' Cut)	LF	571	\$ 99.50	\$ 56,814.50
10.	8" PVC (20' - 22' Cut)	LF	287	\$ 110.00	\$ 31,570.00
12.	8" PVC (22' - 24' Cut)	LF	350	\$ 122.00	\$ 42,700.00
19.	Standard Manhole (0' - 6' Cut)	EA	6	\$ 3,370.00	\$ 20,220.00
20.	Standard Manhole (6' - 8' Cut)	EA	6	\$ 4,440.00	\$ 26,640.00
21.	Standard Manhole (8' - 10' Cut)	EA	8	\$ 5,390.00	\$ 43,120.00
22.	Standard Manhole (10' - 12' Cut)	EA	5	\$ 6,310.00	\$ 31,550.00
23.	Standard Manhole (12' - 14' Cut)	EA	3	\$ 7,280.00	\$ 21,840.00
24.	Standard Manhole (14' - 16' Cut)	EA	2	\$ 8,330.00	\$ 16,660.00
25.	Standard Manhole (16' - 18' Cut)	EA	1	\$ 9,230.00	\$ 9,230.00

SANITARY SEWAGE COLLECTION SYSTEM

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
25.	Polymer Manhole (10' - 12' Cut)	EA	1	\$ 24,000.00	\$ 24,000.00
22.	Polymer Manhole (18' - 20' Cut)	EA	3	\$ 27,000.00	\$ 81,000.00
23.	Polymer Manhole (20' - 22' Cut)	EA	1	\$ 37,400.00	\$ 37,400.00
24.	Polymer Manhole (22' - 24' Cut)	EA	3	\$ 33,900.00	\$ 101,700.00
25.	Water Tight Manhole Seals	LS	1	\$ 8,650.00	\$ 8,650.00
8.	8" Plug and Stub	EA	4	\$ 425.00	\$ 1,700.00
	6" x 4" Reducer	EA	1	\$ 370.00	\$ 370.00
	8" x 6" Reducer	EA	1	\$ 609.00	\$ 609.00
4.	8" x 6" Tee Wye	EA	2	\$ 951.00	\$ 1,902.00
4.	8 " x 8" Tee Wye	EA	1	\$ 1,090.00	\$ 1,090.00
4.	16 " x 8" Tee Wye	EA	1	\$ 6,250.00	\$ 6,250.00

SANITARY SEWAGE COLLECTION SYSTEM

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
23.	Single Sewer Service Connection *	EA	13	\$ 995.00	\$ 12,935.00
25.	Double Sewer Service Connection*	EA	116	\$ 1,355.00	\$ 157,180.00
29.	Pump Station (complete) (30 - 32' Cut)	LS	1	#####	\$ 473,500.00
30.	6" PVC Forcemain	LF	1472	\$ 32.00	\$ 47,104.00
31.	6" Plug	EA	1	\$ 361.00	\$ 361.00
31.	6" Plug Valve	EA	2	\$ 3,720.00	\$ 7,440.00
	Air Release Valve	EA	2	\$ 2,530.00	\$ 5,060.00
3.	8" PVC Forcemain	EA	4281	\$ 21.00	\$ 89,901.00
31.	8" Plug	EA	1	\$ 473.00	\$ 473.00
31.	8" Plug Valve	EA	7	\$ 4,170.00	\$ 29,190.00
3.	16" PVC Forcemain	EA	16	\$ 61.50	\$ 984.00
3.	16" Plug Valve	EA	1	\$ 12,600.00	\$ 12,600.00
3.	16" Steel Casing	LF	95	\$ 106.00	\$ 10,070.00
1.	6" 45° Bend	EA	9	\$ 404.00	\$ 3,636.00
1.	8" 45° Bend	EA	5	\$ 529.00	\$ 2,645.00
12.	8" 90° Bend	EA	1	\$ 558.00	\$ 558.00
19.	Joint Restraint	LS	1	\$ 26,400.00	\$ 26,400.00
				TOTAL	\$ 1,806,154.50

By: _____

Checked: _____

Engineer: _____

* Shall consist of all bends, tees, plugs, cleanouts or any other appurtenances comprising a complete service.

** Shall consist of all pipe, valves, tees, fittings or any other appurtenances comprising a complete working assembly.

WATER DISTRIBUTION SYSTEM

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
1.	Remove Plug and Connect to Existing 24" Water Main	LS	1	\$ 1,710.00	\$ 1,710.00
2.	Connect to Existing 12 " Water Main	LS	1	\$ 995.00	\$ 995.00
3.	Temporary Construction Meter Assembly	LS	1	\$ 3,480.00	\$ 3,480.00
4.	8" x 24" Tapping Valve and Sleeve	EA	1	\$ 5,180.00	\$ 5,180.00
8.	8" PVC Water Main	LF	8653	\$ 22.75	\$ 196,855.75
9.	10" DIP Water Main	LF	370	\$ 66.00	\$ 24,420.00
15.	8" Gate Valve	EA	27	\$ 1,850.00	\$ 49,950.00
15.	10" Gate Valve	EA	1	\$ 2,990.00	\$ 2,990.00
15.	8" 22½ ° Bend	EA	5	\$ 309.00	\$ 1,545.00
15.	8" 45 ° Bend	EA	12	\$ 311.00	\$ 3,732.00
15.	10" x 8" Tee	EA	1	\$ 613.00	\$ 613.00
15.	8" x 8" Tee	EA	6	\$ 469.00	\$ 2,814.00
15.	8" x 8" Cross	EA	2	\$ 564.00	\$ 1,128.00

RECLAIMED WATER DISTRIBUTION SYSTEM

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
2.	Remove Blow-off and Connect to Existing 6 " Reclaimed Water Main	LS	1	\$ 995.00	\$ 995.00
5.	2" PVC Reclaimed Water Main	LF	45	\$ 12.00	\$ 540.00
5.	6" DIP Reclaimed Water Main	LF	100	\$ 32.50	\$ 3,250.00
5.	6" PVC Reclaimed Water Main	LF	8692	\$ 16.50	\$ 143,418.00
5.	Blow-off Assembly *	EA	1	\$ 1,190.00	\$ 1,190.00
15.	2" Plug	EA	4	\$ 56.50	\$ 226.00
16.	2" Gate Valve	EA	2	\$ 774.00	\$ 1,548.00
18.	6" Gate Valve	EA	38	\$ 1,430.00	\$ 54,340.00
26.	6" 11¼ ° Bend	EA	1	\$ 242.00	\$ 242.00
26.	6" 22½ ° Bend	EA	16	\$ 242.00	\$ 3,872.00
26.	6" 45 ° Bend	EA	24	\$ 247.00	\$ 5,928.00
26.	6" x 6" Tee	EA	8	\$ 289.00	\$ 2,312.00
26.	6" x 2" Tee	EA	3	\$ 999.00	\$ 2,997.00
26.	6" x 6" Cross	EA	1	\$ 470.00	\$ 470.00
26.	PVC to DIP Transistion Fitting	EA	1	\$ 254.00	\$ 254.00

RECLAIMED WATER DISTRIBUTION SYSTEM

Item No.	Description	Unit	Estimated Quantity	Unit Price	Total Amount
99.	Water Service Sleeve	LF	1	\$ 2,410.00	\$ 2,410.00
99.	Single Service (Short) **	EA	20	\$ 693.00	\$ 13,860.00
999.	Double Service (Short) **	EA	57	\$ 948.00	\$ 54,036.00
9.	Single Service (Long) **	EA	25	\$ 672.00	\$ 16,800.00
9.	Double Service (Long) **	EA	43	\$ 999.00	\$ 42,957.00
9.	Shock Pad (Contingency)	EA		\$ 9,170.00	\$ -
99.	Joint Restraint	LS	1	#####	\$ 37,900.00
				TOTAL	\$ 389,545.00

By: _____

Checked: _____

Engineer: _____

* Shall consist of all pipe, valves, tees, fittings or any other appurtenances comprising a complete working assembly.

** Shall consist of all corporation stops, curb stops, pipe or tubing or any other appurtenances comprising a complete water service.