



November 23, 2020

Patricia Strayer, P.E.
Town of Palm Beach Public Works
951 Old Okeechobee Road, Suite A
West Palm Beach, FL 33401

RE: Phase 4 North – GMP Review
KHA Job No. 044063219

Dear Patricia,

The Town of Palm Beach selected Burkhardt Construction (BCI) as the Construction Manager at Risk for the Phase 4 North Undergrounding Conversion. On November 13, 2020, BCI submitted a Guaranteed Maximum Price (GMP) for the projects to the Town and Kimley-Horn for review. The GMP received included costs for the Phase 4 North Undergrounding project and the Via Marila Drainage Improvement project. Because these two projects share a similar project area, there are cost and schedule efficiency gains in constructing them simultaneously under a single project. This approach is similar to that taken for the infrastructure improvements that were constructed during the Phase 2 North Undergrounding project.

The GMP received for the Phase 4 North Undergrounding project was \$5,027,570.48. The Engineer's Opinion of Probable Cost was \$5,270,000 for the project. The Master Plan Opinion of Probable Cost that was updated in November 2019 included a cost opinion of \$5,360,000 for the construction elements that were anticipated to be included in the GMP for Phase 4 North.

Kimley-Horn reviewed the GMP to identify any abnormalities with the various bid items, CMAR costs, and Exceptions and Clarifications submitted by BCI. The results of our review follow below.

Phase 4 North Undergrounding GMP

The GMP received for Phase 4 North is approximately 5% lower than the Engineer's OPC for the project. This can be mostly attributed to a significant reduction in General Conditions and Project Management Fees presented by BCI. With Phases 2 South, 3 South, and 3 North under active construction there are now considerable overlaps in project schedules that allow more cost efficiencies to be realized. The following items are recommended to be reviewed and revised by BCI, as applicable:

- The percentage profit was increased to 8.4% versus the traditional 7.7% we have seen in previous phases.

- Unit prices from Phase 3 North that were used to develop the GMP were increased by 3% for this GMP, while Note #2 under the General section of the Exceptions and Clarifications states that unit prices are the same as contained in Phase 3 North.
- We anticipate the level of rock drilling will be similar to that experienced in Phase 3 North. Therefore, we recommend the GMP carry an allowance in the amount of \$100,000 in anticipation of this additional effort.
- The Via Marila Drainage Improvement scope should be itemized separately in the GMP, including any associated CMAR costs, as these improvements will not be funded by the Undergrounding program budget.

Additionally, there are a few individual line items that need quantity revisions or should be considered for elimination from the GMP. These items are as follows:

- The line item “Verify the availability to reuse existing abandoned duct” has been eliminated from the project. This item can be eliminated from the GMP.
- The quantity of “Install FPL furnished transformers...” can be reduced from 44 to 43.
- The signage required for the chicanes can be removed from the GMP as the Town has already directly purchased these signs and provided them to BCI for early installation with the demonstration chicanes.
- For the work at the D-10 pump station, it is recommended that the fill line item to raise the path be measured by cubic feet rather than square feet.

We recommend that the above line items be discussed with BCI to develop strategies to reduce these costs. The Exceptions and Clarifications submitted with the GMP was also reviewed. Our review of these conditions yields the following comments:

- General, Item 2: This note indicates that unit prices were compiled using the same unit prices as Phase 3 North. This contradicts the unit price increase of 3% that was observed in the GMP.
- General, Item 21: This note should be revised to reflect the sign installation required for the chicanes.
- Water / Sewer / Storm Drainage, Item 3: This note should be revised to reflect the watermain deflections required for chicane installation.
- Water / Sewer / Storm Drainage, Item 4: This note should be revised to acknowledge required water meter relocations but that no connection fees are included or anticipated due to these relocations.
- Franchise Utilities, Item 9: This note should be revised to acknowledge a rock drilling allowance of \$100,000.

We recommend that these comments to the GMP Exceptions and Clarifications section be reviewed with BCI so appropriate revisions can be made.

Should you have any questions or comments, please do not hesitate to contact this office at (561) 840-0820.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.

A handwritten signature in blue ink, appearing to read 'KS', is positioned above the name Kevin Schanen.

Kevin Schanen, P.E.

Attachment: BCI GMP dated 11/13/2020

Cc: File

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**Town of Palm Beach
Townwide Overhead Utility Undergrounding
Phase 4 - North
Guaranteed Maximum Price**

From: **Burkhardt Construction, Inc.**
Attn: Marc Kleisley, Vice President
1400 Alabama Ave.
West Palm Beach, FL 33401
Ph: (561) 659-1400
Fax: (561) 659-1402

Owner: **Town Of Palm Beach**
Public Works & Engineering Dept
951 Old Okeechobee Road
West Palm Beach, FL 33401
Tel: (561) 838-5440
Fax: (561) 835-4691

Engineer: **Kimley-Horn & Associates, Inc.**
Attn: Kevin Schanen, P.E.
1920 Wekiva Way, Suite 200
West Palm Beach, FL 33411
Ph: (561) 845-0665
Fax: (561) 863-8175

Project: **Townwide Overhead Utility Undergrounding - Phase 4 - North**

Plans: Based on bid set of plans BCI received date 10.12.2020--ATT & Comcast Conduit Plans
Based on bid set of plans BCI received date 10.26.2020--All remaining plan sheets

Location: Town of Palm Beach

Proposal Date: November 13, 2020

Direct Construction Costs:	\$ 3,940,389.13
General Conditions	\$ 285,681.35
Project Management	\$ 481,000.00
Profit	\$ 329,500.00
Owner Direct Purchase Material Tax Savings (estimated)	\$ (9,000.00)
Total Guaranteed Maximum Price	\$ 5,027,570.48



Town of Palm Beach

Townwide Overhead Utility Undergrounding - Phase 4 - North

Direct Construction Costs 11/13/2020

Prepared by Burkhardt Construction, Inc.

Item Description	Quantity	U/M	Unit Price	Amount	Labor	Equipment	Material	Subcontractor	General/Rental	Subtotal	
FPL - ATT - COMCAST OVERHEAD UTILITY UNDERGROUNDING GENERAL REQUIREMENTS (ALLOWANCE) SITE CLEANING, DEBRIS REMOVAL, TREE PROTECTION, SPECIALTY SIGNAGE ALLOWANCE FOR SURVEY RE-STAKING DANGER RIBBON OFF DUTY POLICE OFFICERS TEMPORARY STREET LIGHTING UNDERGROUNDING OF FPL - COMCAST - ATT UNDERGROUNDING OF UTILITIES PROPOSED LANDSCAPING AT TRANSFORMERS FPL BINDING COST ESTIMATE AND INSTALLATION FEES COMCAST INSTALLATION FEES ATT INSTALLATION FEES											
				\$3,940,389.13							
			1	LS	\$18,500.00	\$18,500.00		ALLOWANCE		18500	18500
			1	LS	\$6,500.00	\$6,500.00		ALLOWANCE		6500	6500
			25	ROL							
				NIC							
				NIC							
			1	LS	\$3,865,389.13	\$3,865,389.13		CR DUNN	3865389.13		3865389.13
			1	LS	\$50,000.00	\$50,000.00		ALLOWANCE	50000		50000
					Labor	Equipment	Material	Subcontractor	General/Rental	Subtotal	
Townwide Overhead Utility Undergrounding - Phase 4 - North Direct Construction Cost Total					\$3,940,389.13	0	0	0	3915389.13	25000	3940389.13



Town of Palm Beach Townwide Overhead Utility Undergrounding Phase IV - North Schedule of Values Prepared by Burkhardt Construction, Inc.		Submitted By: CR Dunn		
Item Description	Quantity	U/M	Unit Price	Amount
UNDERGROUNDING OF FRANCHISE UTILITIES (FPL, COMCAST, ATT)				\$3,865,389.13
MISCELLANEOUS ITEMS				\$1,029,272.66
NPDES WEEKLY REPORTING	1	LS	\$9,000.00	\$ 9,000.00
NPDES SET UP & MAINTENANCE	1	LS	\$10,000.00	\$ 10,000.00
PERFORMANCE & PAYMENT BONDS	1	LS	\$69,024.16	\$ 69,024.16
MAINTENANCE OF TRAFFIC INCL FLAGMEN	1	LS	\$398,000.00	\$ 398,000.00
REMOVE EXISTING CHAIN LINK FENCE	70	LF	\$15.00	\$ 1,050.00
REMOVE / CLEAR / GRUB / DISPOSE OF EXISTING VEGETATION / TREES TO FACILITATE INSTALLATION OF PRIVATE UTILITY CONDUITS & EQUIPMENT	1	LS	\$25,000.00	\$ 25,000.00
REMOVE AND DISPOSE 10" TALL SIDE WALL	11	LF	\$50.00	\$ 550.00
REMOVE AND DISPOSE EXISTING DRIVEWAY PAVERS / REPAIR EDGES	90	SF	\$10.00	\$ 900.00
REMOVE & DISPOSE CONCRETE PAD AT 1118 N LAKE WAY	1	EA	\$250.00	\$ 250.00
REMOVE EXISTING ROYAL PALM TREE AT 217 LIST RD	1	EA	\$425.00	\$ 425.00
REMOVE EXISTING ARECA PALM AS REQUIRED AT 217 LIST RD	1	EA	\$425.00	\$ 425.00
REMOVE EXISTING PYGMY PALM AT 1090 N LAKE WAY	1	EA	\$350.00	\$ 350.00
REMOVE EXISTING FEEDER CABLE AT 1072 N LAKE WAY	146	LF	\$20.00	\$ 2,920.00
REMOVE EXISTING COCONUT PALM AT 242 COLONIAL LN	1	EA	\$425.00	\$ 425.00
REMOVE EXISTING SEAGRAPE AT 1086 N OCEAN BLVD	1	EA	\$425.00	\$ 425.00
RELOCATE EXISTING YARD DRAIN AT 233 LIST RD	1	LS	\$525.00	\$ 525.00
RELOCATE WATER METER AT 249 QUEENS LN	1	LS	\$1,500.00	\$ 1,500.00
RELOCATE BACKFLOW PREVENTER & WATER METER AT 245 QUEENS LANE	1	LS	\$2,500.00	\$ 2,500.00
RELOCATE RAIN SENSOR AT 240 QUEENS LANE; COORDINATE W/PROP OWNER	1	LS	\$300.00	\$ 300.00
RELOCATE DRAIN AT 221 QUEENS LANE	1	LS	\$1,500.00	\$ 1,500.00
RELOCATE MAILBOX AT 221 QUEENS LANE	1	LS	\$250.00	\$ 250.00
RELOCATE BACKFLOW PREVENTER & WATER SERVICE AT 1145 N LAKE WAY	1	LS	\$2,500.00	\$ 2,500.00
RELOCATE MAILBOX AT 222 MONTEREY RD	1	LS	\$250.00	\$ 250.00
SAWCUT/REMOVE ASPHALT/EXCAVATE/SUBGRADE/COMPACT CURB PAD/ INSTALL "D" CURB	343	LF	\$51.50	\$ 17,664.50
FURNISH & INSTALL 4' CHAINLINK FENCE	35	LF	\$65.00	\$ 2,275.00
FURNISH & INSTALL REMOVABLE BOLLARDS	9	EA	\$696.00	\$ 6,264.00
LOAD/HAUL/DISPOSE OF SURPLUS FILL	1	LS	\$25,000.00	\$ 25,000.00
PERMANENT ROADWAY TRENCH / BORE PIT / HANDHOLE RESTORATION INCLUDING LINE STRIPING	1	LS	\$450,000.00	\$ 450,000.00
D-10 PUMP STATION (ALLOWANCE)				\$ 67,140.90
MAINTENANCE OF TRAFFIC INCL FLAGMEN	1	LS		
SAWCUT ASPHALT	400	LF		
SAWCUT EXISTING CONCRETE	85	LF		
REMOVE AND DISPOSE OF EXSITING 16" WOODEN RETAINING WALL	125	LF		
REMOVE AND DISPOSE OF ASPHALT FROM PATH	917	SF		
SAWCUT & REMOVE / DISPOSE OF EXISTING GRAVITY WALL	85	LF		
REMOVE AND DISPOSE OF EXISTING 15' TALL FICUS HEDGE & GRADE	1	LS		
APPROVED FDOT BASE FILL TO RAISE PATH +/-2', GRADE, AND COMPACT	917	SF		
ASPHALT PAVING MIN 2" THICK	105	SY		
6" THICK CONCRETE SIDEWALK ON COMPACTED SUBGRADE	80	SF		
CONCRETE GRAVITY WALL PER FDOT STD. INDEX 400-011 SCHEME 2, +/- 3' HIGH ON COMPACTED SUBGRADE	150	LF		
FURNISH & INSTALL HANDRAIL PER FDOT STD. INDEX 515-062 (TYPE 1)	88	LF		

Item Description	Quantity	U/M	Unit Price	Amount
LIST ROAD CHICANE				\$ 17,861.48
MAINTENANCE OF TRAFFIC INCL FLAGMEN	1	LS		
SAWCUT ASPHALT	121	LF		
REMOVE AND DISPOSE ASPHALT AND ROAD BASE / EXCAVATE TO SUBGRADE	188	SF		
CURB PAD COMPACTED	5	SY		
FORM AND POUR "D" CURB	58	LF		
6" 3000PSI CONCRETE INFILL ON COMPACTED BASE	30	SF		
2 LAYERS OF 30# ASPHALT IMPREGNATED FELT BETWEEN PAVEMENT EDGE & CURB	30	LF		
FURNISH & INSTALL REMOVABLE BOLLARD PER UN-21.0.0	3	EA		
FURNISH & INSTALL FIXED BOLLARD PER DETAIL UN-21.0.0	2	EA		
FURNISH & INSTALL R1-2 W/PLAQUE R1-2AP SIGNS ON POST	1	EA		
FURNISH & INSTALL WEED CLOTH WITH 3" OF #57 STONE OVER IT	121	SF		
PAVEMENT REPAIRS	1	LS		
BI-DIRECTIONAL WHITE/WHITE RPM	14	EA		
FURNISH AND INSTALL W5-1 SIGN AND POST	2	EA		
FURNISH & INSTALL R7-1A SIGN AND POST	1	EA		
FURNISH & INSTALL R7-1B SIGN AND POST	1	EA		
ORANGE GROVE RD. CHICANE				\$ 17,945.60
MAINTENANCE OF TRAFFIC INCL FLAGMEN	1	LS		
SAWCUT ASPHALT	120	LF		
REMOVE AND DISPOSE ASPHALT AND ROAD BASE / EXCAVATE TO SUBGRADE	180	SF		
CURB PAD COMPACTED	5	SY		
FORM AND POUR "D" CURB	56	LF		
6" 3000PSI CONCRETE INFILL ON COMPACTED BASE	20	SF		
2 LAYERS OF 30# ASPHALT IMPREGNATED FELT BETWEEN PAVEMENT EDGE & CURB	30	LF		
FURNISH & INSTALL REMOVABLE BOLLARD PER UN-21.0.0	3	EA		
FURNISH & INSTALL FIXED BOLLARD PER DETAIL UN-21.0.0	3	EA		
FURNISH & INSTALL R1-2 W/PLAQUE R1-2AP SIGNS ON POST	1	EA		
FURNISH & INSTALL WEED CLOTH WITH 3" OF #57 STONE OVER IT	122	SF		
PAVEMENT REPAIRS	1	LS		
BI-DIRECTIONAL WHITE/WHITE RPM	14	EA		
FURNISH AND INSTALL W5-1 SIGN AND POST	2	EA		
FURNISH & INSTALL R7-1A SIGN AND POST	1	EA		
FURNISH & INSTALL R7-1B SIGN AND POST	1	EA		
MONTEREY RD. CHICANE				\$ 62,942.40
MAINTENANCE OF TRAFFIC INCL FLAGMEN	1	LS		
SAWCUT ASPHALT	116	LF		
REMOVE AND DISPOSE ASPHALT AND ROAD BASE / EXCAVATE TO SUBGRADE	175	SF		
CURB PAD COMPACTED	4	SY		
FORM AND POUR "D" CURB	53	LF		
6" 3000PSI CONCRETE INFILL ON COMPACTED BASE	32	SF		
2 LAYERS OF 30# ASPHALT IMPREGNATED FELT BETWEEN PAVEMENT EDGE & CURB	27	LF		
FURNISH & INSTALL REMOVABLE BOLLARD PER UN-21.0.0	3	EA		
FURNISH & INSTALL FIXED BOLLARD PER DETAIL UN-21.0.0	3	EA		
FURNISH & INSTALL R1-2 W/PLAQUE R1-2AP SIGNS ON POST	1	EA		
FURNISH & INSTALL WEED CLOTH WITH 3" OF #57 STONE OVER IT	108	SF		
PAVEMENT REPAIRS	1	LS		
BI-DIRECTIONAL WHITE/WHITE RPM	14	EA		
FURNISH AND INSTALL W5-1 SIGN AND POST	2	EA		
FURNISH & INSTALL R7-1A SIGN AND POST	1	EA		
FURNISH & INSTALL R7-1B SIGN AND POST	1	EA		
RELOCATE EXISTING MAILBOX	1	EA		
REMOVE AND DISPOSE EXISTING 8" DIP WATERMAIN	47	LF		
8" DIP WATERMAIN DEFLECTION	57	LF		
8" 45 DEGREE BEND	4	EA		
8" DIP SOLID SLEEVE CONNECT TO EXISTING	2	EA		
THRUST COLLAR WITH SPLIT GLAND METALUG [EBAA 1100SBD]	2	EA		
8" LINE STOP FITTING, PLUG & BLIND FLANGE	2	EA		
RESTRAIN ALL EXISTING JOINTS BETWEEN LINESTOP & THRUST COLLAR	2	EA		

Item Description	Quantity	U/M	Unit Price	Amount
MONTEREY RD. - C9.04 CHICANE				\$ 59,986.45
MAINTENANCE OF TRAFFIC INCL FLAGMEN	1	LS		
SAWCUT ASPHALT	117	LF		
REMOVE AND DISPOSE ASPHALT AND ROAD BASE / EXCAVATE TO CURB PAD COMPACTED	175	SF		
FORM AND POUR "D" CURB	4	SY		
6" 3000PSI CONCRETE INFILL ON COMPACTED BASE	53	LF		
2 LAYERS OF 30# ASPHALT IMPREGNATED FELT BETWEEN PAVEMENT EDGE & CURB	30	SF		
FURNISH & INSTALL REMOVABLE BOLLARD PER UN-21.0.0	28	LF		
FURNISH & INSTALL FIXED BOLLARD PER DETAIL UN-21.0.0	3	EA		
FURNISH & INSTALL R1-2 W/PLAQUE R1-2AP SIGNS ON POST	4	EA		
FURNISH & INSTALL WEED CLOTH WITH 3" OF #57 STONE OVER IT	1	EA		
PAVEMENT REPAIRS	110	SF		
BI-DIRECTIONAL WHITE/WHITE RPM	1	LS		
FURNISH AND INSTALL W5-1 SIGN AND POST	14	EA		
FURNISH & INSTALL R7-1A SIGN AND POST	2	EA		
FURNISH & INSTALL R7-1B SIGN AND POST	1	EA		
REMOVE EXISTING 8" DIP WATERMAIN	1	EA		
8" DIP WATERMAIN DEFLECTION	35	LF		
8" 45 DEGREE BEND	40	LF		
8" DIP SOLID SLEEVE CONNECT TO EXISTING THRUST COLLAR WITH SPLIT GLAND METALUG [EBAA 1100SBD]	4	EA		
8" LINE STOP FITTING, PLUG & BLIND FLANGE	2	EA		
RESTRAIN ALL EXISTING JOINTS BETWEEN LINESTOP & THRUST COLLAR	2	EA		
COLONIAL LN. CHICANE				\$ 59,737.50
MAINTENANCE OF TRAFFIC INCL FLAGMEN	1	LS		
SAWCUT ASPHALT	117	LF		
REMOVE AND DISPOSE ASPHALT AND ROAD BASE / EXCAVATE TO CURB PAD COMPACTED	175	SF		
FORM AND POUR "D" CURB	4	SY		
6" 3000PSI CONCRETE INFILL ON COMPACTED BASE	54	LF		
2 LAYERS OF 30# ASPHALT IMPREGNATED FELT BETWEEN PAVEMENT EDGE & CURB	30	SF		
FURNISH & INSTALL REMOVABLE BOLLARD PER UN-21.0.0	27	LF		
FURNISH & INSTALL FIXED BOLLARD PER DETAIL UN-21.0.0	3	EA		
FURNISH & INSTALL R1-2 W/PLAQUE R1-2AP SIGNS ON POST	4	EA		
FURNISH & INSTALL WEED CLOTH WITH 3" OF #57 STONE OVER IT	1	EA		
PAVEMENT REPAIRS	109	SF		
BI-DIRECTIONAL WHITE/WHITE RPM	1	LS		
FURNISH AND INSTALL W5-1 SIGN AND POST	14	EA		
FURNISH & INSTALL R7-1A SIGN AND POST	2	EA		
FURNISH & INSTALL R7-1B SIGN AND POST	1	EA		
RELOCATE EXISTING MAILBOX	1	EA		
REMOVE EXISTING 8" DIP WATERMAIN	1	EA		
8" DIP WATERMAIN DEFLECTION	32	LF		
8" 45 DEGREE BEND	35	LF		
8" DIP SOLID SLEEVE CONNECT TO EXISTING THRUST COLLAR WITH SPLIT GLAND METALUG [EBAA 1100SBD]	4	EA		
8" LINE STOP FITTING, PLUG & BLIND FLANGE	2	EA		
RESTRAIN ALL EXISTING JOINTS BETWEEN LINESTOP & THRUST COLLAR	2	EA		
VIA MARILA DRAINAGE				\$ 45,877.00
FURNISH & INSTALL 15" RCP	10	LF		
FURNISH & INSTALL TYPE "C" CATCH BASIN WITH HOODED FRAME & GRATE	1	EA		
FURNISH & INSTALL TYPE "D" CURB	12	LF		
FURNISH & INSTALL CONCRETE APRON AT CATCH BASIN	27	SF		
TIE NEW 15" RCP INTO EXISTING DRAINAGE PIPE WITH CONC. COLLAR	1	EA		
MILL & EXISTING PAVEMENT / PAVE 1" S-1 & 1" S-3	243	SY		
COORDINATE WITH FPU DEFLECTION OF EXISTING GAS LINE	1	LS		

Item Description		Quantity	U/M	Unit Price	Amount
FPL					\$ 1,406,769.71
	INSTALL FPL FURNISHED 0PN3C	185	LF	\$21.03	\$ 3,890.55
	INSTALL FPL FURNISHED 1PN1C	3083	LF	\$15.68	\$ 48,341.44
	INSTALL FPL FURNISHED 2PN2C	2408	LF	\$17.77	\$ 42,790.16
	INSTALL FPL FURNISHED 3PN3C	5805	LF	\$21.03	\$ 122,079.15
	INSTALL FPL FURNISHED 4PN4C	434	LF	\$23.50	\$ 10,199.00
	INSTALL FPL FURNISHED 5PN5C	722	LF	\$29.87	\$ 21,566.14
	INSTALL FPL FURNISHED 6PN6C	373	LF	\$34.42	\$ 12,838.66
	INSTALL FPL FURNISHED 0FNC	117	LF	\$29.20	\$ 3,416.40
	INSTALL FPL FURNISHED FNC	3903	LF	\$29.20	\$ 113,967.60
	INSTALL FPL FURNISHED 2FNC	258	LF	\$37.80	\$ 9,752.40
	INSTALL FPL FURNISHED 3FNC	299	LF	\$67.00	\$ 20,033.00
	INSTALL FPL FURNISHED 1-2-FPL-S	13405	LF	\$17.67	\$ 236,866.35
	INSTALL FPL FURNISHED 2-2-FPL-S	2456	LF	\$20.94	\$ 51,428.64
	INSTALL FPL FURNISHED 3-2-FPL-S	336	LF	\$22.15	\$ 7,442.40
	INSTALL FPL FURNISHED 4-2-FPL-S	255	LF	\$25.34	\$ 6,461.70
	INSTALL FPL FURNISHED 1-2-FPL-SEC	294	LF	\$15.65	\$ 4,601.10
	CONNECT SEC INTO EXISTING HANDHOLE	4	EA	\$75.00	\$ 300.00
	INSTALL FPL FURNISHED PRIMARY WIRE INCLUDING ALL CONNECTIONS	33885	LF	\$2.16	\$ 73,191.60
	INSTALL FPL FURNISHED FEEDER WIRE INCLUDING ALL CONNECTIONS	5475	LF	\$17.88	\$ 97,893.00
	INSTALL FPL FURNISHED, FPL OWNED SERVICE WIRE INCLUDING ALL CONNECTIONS, TIE-INS AND INTERCEPTS.	20955	LF	\$1.96	\$ 41,071.80
	INSTALL FPL FURNISHED, FPL OWNED SECONDARY SERVICE WIRE INCLUDING ALL CONNECTIONS, TIE-INS AND INTERCEPTS.	303	LF	\$1.96	\$ 593.88
	INSTALL FPL FURNISHED A PHASE SPLICE BOXES; INCL. ALL NECESSARY CONNECTIONS AND TIE-INS	1	EA	\$2,472.00	\$ 2,472.00
	INSTALL FPL FURNISHED B PHASE SPLICE BOXES; INCL. ALL NECESSARY CONNECTIONS AND TIE-INS	1	EA	\$2,472.00	\$ 2,472.00
	INSTALL FPL FURNISHED C PHASE SPLICE BOXES; INCL. ALL NECESSARY CONNECTIONS AND TIE-INS	2	EA	\$2,472.00	\$ 4,944.00
	INSTALL FPL FURNISHED PRIMARY SPLICE BOXES; INCL. ALL NECESSARY CONNECTIONS AND TIE-INS	3	EA	\$2,472.00	\$ 7,416.00
	INSTALL FPL FURNISHED FEEDER SPLICE BOXES; INCL. ALL NECESSARY CONNECTIONS AND TIE-INS	2	EA	\$4,284.80	\$ 8,569.60
	INSTALL FPL FURNISHED ROADWAY FEEDER SPLICE BOXES; INCL. ALL NECESSARY CONNECTIONS AND TIE-INS	2	EA	\$41,800.00	\$ 83,600.00
	INSTALL FPL FURNISHED A/B/C PRIMARY SPLICE BOXES; INCL. ALL NECESSARY CONNECTIONS AND TIE-INS	2	EA	\$3,739.80	\$ 7,479.60
	INSTALL FPL FURNISHED A/C PRIMARY SPLICE BOXES; INCL. ALL NECESSARY CONNECTIONS AND TIE-INS	1	EA	\$2,605.90	\$ 2,605.90
	INSTALL FPL FURNISHED B/C PRIMARY SPLICE BOXES; INCL. ALL NECESSARY CONNECTIONS AND TIE-INS	2	EA	\$2,605.00	\$ 5,210.00
	INSTALL FPL FURNISHED 30" HANDHOLES; INCL. ALL NECESSARY CONNECTIONS, TIE-INS AND INTERCEPT EXISTING SERVICE	2	EA	\$824.00	\$ 1,648.00
	INSTALL FPL FURNISHED MAKE READY POLE; INCL. ALL NECESSARY CONNECTIONS, TIE-INS AND INTERCEPT EXISTING SERVICE	2	EA	BY OTHERS (FPL)	
	INSTALL FPL FURNISHED 24" HANDHOLES; INCL. ALL NECESSARY CONNECTIONS, TIE-INS AND INTERCEPT EXISTING SERVICE	2	EA	\$824.00	\$ 1,648.00
	INSTALL FPL FURNISHED OPEN DELTA TRANSFORMERS / PADS; INCLUDING GROUND RODS AND ALL CONNECTIONS	4	EA	\$4,271.41	\$ 17,085.64
	INSTALL FPL FURNISHED TRANSFORMERS / PADS; INCLUDING GROUND RODS AND ALL CONNECTIONS	44	EA	\$2,636.80	\$ 116,019.20
	INSTALL FPL FURNISHED VISTA SWITCH CABINETS, CONCRETE PADS, AND CHAMBERS; INCL. ALL NECESSARY CONNECTIONS	6	EA	\$4,017.00	\$ 24,102.00
	INSTALL FPL FURNISHED PME-4 THREE PHASE MOUNTED SWITCH GEAR, CONCRETE PADS, AND CHAMBERS; INCL. ALL NECESSARY CONNECTIONS	1	EA	\$5,600.00	\$ 5,600.00
	PULL FEEDER WIRE IN EXISTING FNC CONDUIT & TERMINATE AT LA PUERTA SWITCH (APPROX)	226	LF	\$17.88	\$ 4,040.88
	PULL PRIMARY WIRE IN EXISTING 1PN1C CONDUIT & TERMINATE AT LA PUERTA SWITCH (APPROX)	237	LF	\$2.16	\$ 511.92
	LOOP 3PN3C INTO EXISTING 3 PHASE TRANSFORMER	1	EA	\$480.00	\$ 480.00
	LOOP 1PN1C INTO EXISTING 3 PHASE TRANSFORMER	1	EA	\$480.00	\$ 480.00
	LOOP 1PN1C INTO EXISTING 1 PHASE TRANSFORMER	1	EA	\$480.00	\$ 480.00
	VERIFY THE AVAILABILITY TO REUSE EXISTING ABANDONED DUCT	1	EA	\$3,840.00	\$ 3,840.00

Item Description		Quantity	U/M	Unit Price	Amount
ATT	RELOCATE 1" CONDUIT W/ ATT COPPERS & RELOCATE PEDESTAL TO THE WEST (COORDINATE W/ ATT PRIOR TO SETTING TX PAD)	1	EA	\$960.00	\$ 960.00
	RELOCATE GROUND LOOP FOR BUILDING	1	EA	\$2,500.00	\$ 2,500.00
	CAP FEEDER IN ROW	2	EA	\$350.00	\$ 700.00
	CAP PRIMARY IN ROW	3	EA	\$250.00	\$ 750.00
	INTERCEPT EXISTING SERVICE	5	EA	\$1,440.00	\$ 7,200.00
	INTERCEPT EXISTING PRIMARY	3	EA	\$1,440.00	\$ 4,320.00
	INTERCEPT EXISTING FEEDER	2	EA	\$2,400.00	\$ 4,800.00
	CONNECT 6PN6C TO EXISTING TRANSFORMER	2	EA	\$480.00	\$ 960.00
	CONNECT 3FNC INTO EXISTING FEEDER MANHOLE/SPLICE BOX	1	EA	\$2,400.00	\$ 2,400.00
	RELOCATE GAS & WATER SERVICE AS NECESSARY AT 1118 N LAKE WAY	1	LS	\$2,500.00	\$ 2,500.00
	COORDINATE RELOCATION OF EXISTING SERVICE W/ FPU AT ORANGE GROVE RD	1	LS	\$250.00	\$ 250.00
	REMOVAL OF ALL RISERS (conduit, wire and u-guard) UP THE POLE FOR BOTH PRIMARY AND SECONDARY. THIS ALSO INCLUDES THE SECONDARY WIRE SPANNING BETWEEN THE POLE AND RESIDENCE	1	LS	\$150,000.00	\$ 150,000.00
	POLE & OVERHEAD WIRE REMOVAL/DISPOSAL COMPLETE		LS	BY OTHERS	
					\$ 711,918.64
	FURNISH AND INSTALL 1-1- ATT-S CONDUITS	12474	LF	\$15.25	\$ 190,228.50
	FURNISH AND INSTALL 1-2- ATT-S CONDUITS	3583	LF	\$17.03	\$ 61,018.49
	FURNISH AND INSTALL 2-1- ATT-S CONDUITS	114	LF	\$18.28	\$ 2,083.92
	FURNISH AND INSTALL 2-2- ATT-S CONDUITS	901	LF	\$24.08	\$ 21,696.08
	FURNISH AND INSTALL 3-2- ATT-M CONDUITS	172	LF	\$30.03	\$ 5,165.16
	FURNISH AND INSTALL 1-5- ATT-M CONDUITS	7612	LF	\$37.70	\$ 286,972.40
	FURNISH AND INSTALL 2-5- ATT-M CONDUITS	98	LF	\$54.20	\$ 5,311.60
	FURNISH AND INSTALL ATT FLUSH VAULT 30"X48"	28	EA	\$2,935.50	\$ 82,194.00
	FURNISH AND INSTALL ATT FLUSH VAULT 30"X48", H20 ROAD RATED LID	5	EA	\$4,708.13	\$ 23,540.65
COMCAST	FURNISH AND INSTALL ATT HANDHOLE 10"X15"	44	EA	\$733.36	\$ 32,267.84
	PROPOSED ATT CONDUIT INSTALLATION TO INTERCEPT EXISTING BURRIED ATT CABLE	4	EA	\$360.00	\$ 1,440.00
	FURNISH AND INSTALL ATT PEDESTALS		EA	BY OTHERS	
	ATT ENGINEERING & INSTALLATION FEES		EA	BY OTHERS	
					\$ 385,936.79
	FURNISH AND INSTALL 1-1- CC-S CONDUITS	3951	LF	\$15.34	\$ 60,608.34
	FURNISH AND INSTALL 2-1- CC-S CONDUITS	916	LF	\$18.36	\$ 16,817.76
	FURNISH AND INSTALL 3-1- CC-S CONDUITS	230	LF	\$22.50	\$ 5,175.00
	FURNISH AND INSTALL 1-2- CC-M CONDUITS	534	LF	\$17.03	\$ 9,094.02
	FURNISH AND INSTALL 1-3- CC-M CONDUITS	6794	LF	\$25.14	\$ 170,801.16
	FURNISH AND INSTALL 2-3- CC-M CONDUITS	2206	LF	\$42.11	\$ 92,894.66
	FURNISH AND INSTALL 3-3- CC-M CONDUITS	278	LF	\$59.07	\$ 16,421.46
	30"X48" TRAFFIC ROAD RATED VAULT W/ COVER MARKED AS CATV	3	EA	\$4,708.13	\$ 14,124.39
	FURNISH AND INSTALL COMCAST VAULT	0	EA	BY OTHERS	
	FURNISH AND INSTALL COMCAST VHUB	0	EA	BY OTHERS	
	FURNISH AND INSTALL COMCAST POWER SUPPLY	0	EA	BY OTHERS	
	FURNISH AND INSTALL COMCAST LCP	0	EA	BY OTHERS	
	FURNISH AND INSTALL COMCAST PEDESTALS	0	EA	BY OTHERS	
	COMCAST ENGINEERING & INSTALLATION FEES	0	EA	BY OTHERS	
Total Direct Construction Cost					\$3,865,389.13

Item Description	Quantity	U/M	Unit Price	Amount
ADD ALTERNATE 1: ALLOWANCE ALL RELATED RESTORATION IN CONNECTION WITH FPL STREETLIGHTING INSTALLATION ADD ALTERNATE2: INSTALL FPL FURNISHED 1-2" PVC CONDUIT FOR FPL STREET LIGHTING INSTALL FPL FURNISHED 24" HANDHOLE FOR FPL STREET LIGHTING INSTALL FPL FURNISHED 17" HANDHOLE FOR FPL STREET LIGHTING				
				\$ -
	1	ALL	BY OTHERS	
	0	LF	BY OTHERS	
	0	EA	BY OTHERS	
	0	EA	BY OTHERS	
<p>*INSTALLATION SHALL INCLUDE SAWCUTTING, ASPHALT REMOVAL, DISPOSAL, AND TEMPORARY ROADWAY RESTORATION PER PLAN DETAILS INCLUDING ANY DISTURBED LINE STRIPING.</p> <p>*CONTRACTOR IS ENCOURAGED TO DIRECTIONAL DRILL ANY CONDUITS WHERE POSSIBLE OR IF UNFEASIBLE TO OPEN CUT. THE OBJECTIVE IS TO AVOID COSTLY PROPERTY RESTORATION</p> <p>*ROCK MAY BE ENCOUNTERED; EXCAVATION OR DRILLING OF ROCK SHOULD BE ANTICIPATED. THOROUGH INVESTIGATION IS ENCOURAGED (SEE SOILS REPORT). IF ROCK IS ENCOUNTERED, CLEAN BACKFILL MUST BE USED. BOTH ROCK EXCAVATION AND CLEAN BACKFILL SHALL BE INCLUDED IN YOUR PRICE.</p> <p>*DEWATERING IS ANTICIPATED AND SHALL BE INCLUDED IN YOUR PRICE.</p>				

Town of Palm Beach
Townwide Overhead Utility Undergrounding
Phase 4 - North

GENERAL CONDITIONS

From: **Burkhardt Construction, Inc.**
 Attn: Marc Kleisley, Vice President
 1400 Alabama Ave.
 West Palm Beach, FL 33401
 Ph: (561) 659-1400
 Fax: (561) 659-1402

Owner: **Town Of Palm Beach**
 Public Works & Engineering Dept
 951 Old Okeechobee Road
 West Palm Beach, FL 33401
 Tel: (561) 838-5440
 Fax: (561) 835-4691

Engineer: **Kimley-Horn & Associates, Inc.**
 Attn: Kevin Schanen, P.E.
 1920 Wekiva Way, Suite 200
 West Palm Beach, FL 33411
 Ph: (561) 845-0665
 Fax: (561) 863-8175

Project: **Townwide Overhead Utility Undergrounding - Phase 4 - North**

Plans: Based on bid set of plans BCI received date 10.12.2020--ATT & Com
 Based on bid set of plans BCI received date 10.26.2020--All remainin

Location: Town of Palm Beach

Proposal Date: November 13, 2020

Item Description						Amount
BASED ON A 12 MONTH DURATION						
MOBILIZATION (move-in, move-out)						\$0.00
TRANSPORT	\$65.00 /	Hr	x	0		\$0.00
EQUIPMENT	\$35.00 /	Hr.	x	0		\$0.00
PROJECT FIELD OFFICE						\$29,984.60
OFFICE	\$3,500.00 /	mo.	x	0		\$0.00
YARD	\$0.00 /	mo.	x	0		\$0.00
EMPLOYEE PARKING FEES	\$500.00 /	mo.	x	0		\$0.00
WORK PLATFORM FOR YARD	\$200.00 /	mo.	x	0		\$0.00
TEMPORARY FENCING FOR YARD	\$500.00 /	mo.	x	0		\$0.00
CONSTRUCTION YARD LIGHTING	\$0.00 /	mo.	x	0		\$0.00
OFFICE FURNISHINGS	\$500.00 /	mo.	x	0		\$0.00
COMPUTERS	\$300.00 /	mo.	x	0		\$0.00
PROCORE SOFTWARE	\$500.00 /	mo.	x	12		\$6,000.00
SUBMITTAL SOFTWARE	\$2,000.00 /	ls	x	0		\$0.00
COPY MACHINE	\$350.00 /	mo.	x	0		\$0.00
FAX MACHINE	\$100.00 /	mo.	x	0		\$0.00
INTERNET SERVICE	\$150.00 /	mo.	x	0		\$0.00
CELLULAR TELEPHONE	\$200.00 /	mo.	x	12		\$2,400.00
TELEPHONE	\$150.00 /	mo.	x	0		\$0.00
FEDERAL EXPRESS MAILINGS	\$100.00 /	mo.	x	0		\$0.00
POSTAGE	\$50.00 /	mo.	x	0		\$0.00
PHOTOGRAPHS						



AERIAL PHOTOS	\$110.00 /	mo.	x	0	\$0.00
JOB PHOTOS	\$50.00 /	wk	x	0	\$0.00
PRE-CONSTRUCTION VIDEO	\$15,284.60 /	ls	x	1	\$15,284.60
PLAN REPRODUCTION COST/PRINTING	\$200.00 /	set	x	0	\$0.00
OFFICE SUPPLIES	\$50.00 /	mo.	x	0	\$0.00
FIRST AID SUPPLIES	\$50.00 /	mo.	x	0	\$0.00
WATER SERVICE	\$35.00 /	mo.	x	0	\$0.00
SANITARY SERVICE	\$50.00 /	mo.	x	0	\$0.00
ELECTRIC SERVICE	\$200.00 /	mo.	x	0	\$0.00
GARBAGE SERVICE	\$25.00 /	mo.	x	0	\$0.00
CONSTRUCTION WATER	\$250.00 /	mo.	x	12	\$3,000.00
JOHN DEERE GATOR (1)	\$500.00 /	mo.	x	0	\$0.00
ICE	\$275.00 /	mo.	x	12	\$3,300.00

BONDS

GENERAL BOND	\$5,027,570.00	x	1.25%	\$62,844.63
SUBCONTRACTORS BONDS				\$62,844.63

PARTNERING INITIATIVES

NOTICES, LETTERS, INFORMATION MEETINGS	\$2,500.00
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INSURANCE

GENERAL INSURANCE	\$4,952,691.00	x	1.90%	\$94,101.13	
Commercial General Liability					
Comprehensive Automobile Liability					
Owner Indemnification					
Professional (Errors/Omissions) Liability					
Excess/Umbrella Liability					
ADD'L INSURED	\$100.00 /	ea.	x	0	\$0.00
ADDED INSURANCES					NOT INCLUDED
Railroad protective Liability Ins.					NOT INCLUDED
Builders Risk Insurance					NOT INCLUDED
Installation Floater					NOT INCLUDED
Flood Insurance					NOT INCLUDED
SUBCONTRACTORS' INSURANCE					INCLUDED IN THEIR DIRECT COSTS

SANITARY SERVICES

JOB TOILET (2ea.)	\$350.00 /	mo.	x	12	\$4,200.00
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TESTING COSTS

DENSITIES	
PRESSURE	
PROCTORS	
BACTERIOLOGICAL	
CONCRETE CYLINDERS	
ENGINEERING & REPORTING	
TV'ING OF INSTALLED LINES	NOT INCLUDED

FEES

TOPB BUILDING DEPT. PERMIT FEES/REVISION FEES	\$0.00
PERMIT SUBMISSION AND EXPEDITING	NONE ANTICIPATED
FDOT GENERAL USE PERMITS	BY OTHERS
DEWATERING PERMITS	NIC
RAILROAD PERMITS	NO FEE PERMIT
PALM BEACH COUNTY PERMITS	NIC
CITY OF WEST PALM BEACH PERMITS	NIC

SURVEYING

LAYOUT & ASBUILTS	Engenuity Group	\$55,556.00
ALLOWANCE FOR RESTAKING		\$55,556.00
& DRAFTING		SEE DIRECT COSTS



<u>SMALL HAND TOOLS/EQUIPMENT RENTAL</u>	<u>\$0.00</u>
ALLOWANCE (GENERAL)	\$0.00
HANDLING, STORAGE, UN-LOADING OF OWNER DIRECT PURCHASE MATERIALS	N/A
 GENERAL CONDITIONS TOTAL	 <u><u>\$285,681.35</u></u>

**Town of Palm Beach
Townwide Overhead Utility Undergrounding
Phase 4 - North**

CONSTRUCTION PHASE MANAGEMENT FEE

From: **Burkhardt Construction, Inc.**
Attn: Marc Kleisley, Vice President
1400 Alabama Ave.
West Palm Beach, FL 33401
Ph: (561) 659-1400
Fax: (561) 659-1402

Owner: **Town Of Palm Beach**
Public Works & Engineering Dept
951 Old Okeechobee Road
West Palm Beach, FL 33401
Tel: (561) 838-5440
Fax: (561) 835-4691

Engineer: **Kimley-Horn & Associates, Inc.**
Attn: Kevin Schanen, P.E.
1920 Wekiva Way, Suite 200
West Palm Beach, FL 33411
Ph: (561) 845-0665
Fax: (561) 863-8175

Project: **Townwide Overhead Utility Undergrounding - Phase 4 - North**

Plans: Based on bid set of plans BCI received date 10.12.2020--ATT & Comcast Conduit Plans
Based on bid set of plans BCI received date 10.26.2020--All remaining plan sheets

Location: Town of Palm Beach

Proposal Date: November 13, 2020

Item Description	Hrs./Week	(Weeks)	Rate/Hr.	Amount
Project Duration Jan '21 - Jan '22		52 weeks		
Project Principal	0	52	\$ 175.00	\$ -
Senior Project Manager				
Jan '21 - March '21	16	13	\$ 150.00	\$ 31,200.00
Apr '21 - Oct '21 (Overlap in Ph 3 S)	0	26	\$ 150.00	\$ -
Nov '21 - Jan '22	8	13	\$ 150.00	\$ 15,600.00
Project Manager	0	52	\$ 100.00	\$ -
Assistant Project Manager	24	52	\$ 75.00	\$ 93,600.00
Superintendent/Construction Field Manager	32	52	\$ 100.00	\$ 166,400.00
Resident Liaison	32	52	\$ 75.00	\$ 124,800.00
Project Accountant	5	52	\$ 90.00	\$ 23,400.00
Administrative Assistant	10	52	\$ 50.00	\$ 26,000.00
Field Office Clerk	0	52	\$ 50.00	\$ -
				\$ 481,000.00



Town of Palm Beach
Townwide Overhead Utility Undergrounding
Phase 4 - North

Exceptions & Clarifications - 11/13/2020

GENERAL

- 1 Scope of work and quantities are based on Bid Set Plans received on 10.12.2020 (Comcast / Att conduit plans) & 10.26.2020 (all remaining plan sheets) for the Townwide Overhead Utility Undergrounding - Phase 4 - North . Complete plan log is included with this submittal.
- 2 Guaranteed Maximum Price (G.M.P.) was compiled using the same unit prices from Phase 3 - North. GMP pricing is based on a project start date of January 2021.
- 3 G.M.P. does not include a construction contingency for the overhead utility undergrounding. Burkhardt Construction, Inc. recommends that the Town carry a construction contingency.
- 4 G.M.P. does not include any capital improvement fees, connection fees or impact fees.
- 5 It is understood that the Direct Construction Cost (Exhibit "A") is unit prices for the work shown in the plans and as modified by these exceptions and clarifications.
- 6 Project master schedule and schedule updates shall be a bar chart schedule acceptable to the Owner prepared by CMAR in house personnel.
- 7 Project Manual as described in the contract shall mean the closeout project manual which shall be updated periodically and presented to the Owner upon completion of the project. The information contained in this manual shall be as requested by the Owner.
- 8 G.M.P. cost estimate does not include additional insurance premiums for naming individual property owners as additional insureds.
- 9 G.M.P. includes all sales tax on materials. The Town has elected to direct Owner purchase the ATT & COMCAST materials, the estimated tax savings is reflected on the front page of the GMP.
- 10 Utility easements shall be obtained prior to work being performed in that area. If a construction easement has not been obtained it may impact the installation schedule, additional costs may be incurred. Reimbursement of costs may be requested and deemed appropriate, if and only if it is mutually agreed upon by the Town of Palm Beach and Burkhardt Construction. If these costs are deemed appropriate they will be paid from the contingency.



- 11 Burkhardt Construction, Inc. (BCI) is not liable for failure to perform such work or any damages that occur if such failure is as a result of Acts of God (including fire, flood, earthquake, storm, hurricane or other natural disaster). If BCI asserts Force Majeure as the reason for failure to perform such work or such damages occur as a result of any Act of God, then BCI must prove that they took reasonable steps to minimize delay or damages caused by unforeseeable events, that BCI substantially fulfilled all obligations, and that the owner was timely notified of the likelihood or actual occurrence of the event described as an Act of God (Force Majeure). Any construction related damages that took place as a result, shall be repaired or removed and replaced at the same contract unit prices and shall be paid out of the contingency.
- 12 If the proposed design locations of transformers, vaults and handholes change after conduit installation, then additional costs may be incurred for the relocation. Reimbursement of costs may be requested and deemed appropriate, if and only if it is mutually agreed upon by the Town of Palm Beach and Burkhardt Construction. If these costs are deemed appropriate they will be paid from the contingency.
- 13 In the event that the terms and provisions of all attached Exhibits conflict with or are omitted from the terms and provisions of this Contract, the terms and provisions of the attached Exhibits shall govern with respect to the performance of the work.
- 14 TOPB Building Permits; All permits shall be in hand prior to start of construction.
- 15 The following are part of the G.M.P. in order to facilitate the aggressive work schedule.
- a. January 1, 2021 through April 30, 2021 crew work hours shall be 9:00 AM to 5:00 PM Monday through Friday. From May 1, 2021 through November 30, 2021 Regularly scheduled crew work hours shall be from 8:00 AM to 6:00 PM Monday through Friday. December 1, 2021 through April 30, 2022 crew work hours shall be 9:00 AM to 5:00 PM Monday through Friday.
 - b. Night, weekend or holiday work beyond the regularly scheduled work hours stated in item a., which may be necessary due to emergency, delay or makeup time, shall be requested on a case by case basis and reviewed/approved by the Public Works Staff.
 - c. The project will require free and unlimited jobsite access for workmen and deliveries during all authorized work hours.
 - d. The schedule makes no provision for delays caused by named storms.
 - e. The construction contract shall be authorized by the Town Council in the December 2020 Town Council meeting.
- 16 G.M.P. does not include costs for removal / remediation of asbestos cement pipe or any other hazardous materials.
- 17 G.M.P. does not include removal or replacement of any unsuitable subsoils. Demucking is specifically excluded.
- 18 G.M.P. is based upon the use of the Town's property as a construction staging yard located at 6th Street and Dixie Highway, West Palm Beach.
- 19 Prices are based on re-using excavated material for backfill. No unsuitable subsoil excavation, removal or replacement. Unsuitable soil, if encountered shall be removed, disposed of, replaced as directed by the Owner and billed to the Owner at the actual direct cost.



- 20 G.M.P. is based on the assumption that portions of roadways will be closed to vehicular traffic during some phases of construction. Closures shall be coordinated with the Town and in accordance with the Town's Maintenance of Traffic permit conditions.
- 21 G.M.P. cost estimate does not include any new street signage, posts or line striping other than what has been disturbed due to construction.
- 22 G.M.P. does not include any cost to mill and pave. All areas will be restored with a permanent patch.

WATER / SEWER / STORM DRAINAGE

- 1 G.M.P. does not include any cost for disposal/treatment of contaminated ground water if encountered during dewatering operations. It is assumed that clean groundwater generated by dewatering operations will be discharged into the existing storm drainage system.
- 2 Cleaning of the existing storm drainage system within the project limits is not included except to the extent caused by contractor negligence that is under the direct supervision of the construction manager.
- 3 G.M.P. does not include any water main work except for the water main deflection at the Merrian Rd. chicane.
- 4 G.M.P. cost estimate does not include City of West Palm Beach meter installation and hook-up fees.
- 5 G.M.P. cost estimate does not include any sanitary sewer work.

FRANCHISE UTILITIES

- 1 G.M.P. cost estimate does not include any design, engineering or installation fees which may be charged to the Owner by franchise utility companies. (electric, telephone, cable tv, gas)
- 2 The Construction Manager at Risk shall not assume liability or warranty any work performed by FPL, COMCAST, ATT, FPU and/or their subcontractors.
- 3 The schedule represents the work controlled by the Construction Manager. Should the project exceed the scheduled duration due to the involvement of entities beyond our control (including but not limited to FPL, ATT and Comcast), a "No Fee" time extension for that work shall be issued. "No Fee" specifically refers to the construction phase fee and profit. Should a "Fee" be requested and deemed appropriate, if and only if it is mutually agreed upon by the Town of Palm Beach and Burkhardt Construction prior to the granted time extension.
- 4 The energizing of the new system is dependent on receiving switching orders from FPL. Services cannot be converted until the transformers are "hot".
- 5 G.M.P. does not include FPL's binding cost estimate, Comcast or ATT. These invoices shall be paid directly by the owner. Once FPL's binding cost estimate is fully executed and FPL materials are released to the subcontractor the Town will issue the Notice to Proceed.
- 6 G.M.P. cost estimate does not include any ATT wire. Comcast wire and private side service conduits outside the right of way are also excluded from the cost estimate.
- 7 G.M.P. cost estimate does not include any meter can or service disconnect removal and replacements



- 8 G.M.P. cost estimate does not include any rear easement restoration for FPL pole and wire removal.
- 9 The unit prices from Phase 3 - North have been carried over into Phase 4 - North. It was determined in Phase 3 - North that the rock encountered was harder than expected. In lieu of increasing unit prices in all areas when rock is encountered, during the drilling operation, an hourly rate for the directional drilling crew will be added at a rate of \$600/hr. This is on a case by case basis. Should this hourly rate be requested and deemed appropriate, it must be mutually agreed upon by the Town of Palm Beach and Burkhardt Construction. The Town, Kimley-Horn and Burkhardt will establish a protocol prior to the start of construction that clearly establishes a fair way to track any additional drilling efforts.
- 10 G.M.P. cost estimate does not include any demolition and removal of any unknown structures during the installation of the proposed conduit. If encountered the additional work shall be paid from contingency.

ELECTRICAL

- 1 G.M.P. cost estimate does not include street lighting.

ALTERNATES

- 1 All related restoration in connection with FPL street lighting installation shall be paid from contingency.
- 2 The TOPB has elected to forgo add alternate #2. FPL will install all conduits and handholes for proposed street lighting. Installation of FPL poles, fixtures and foundations will be performed by FPL. FPL will pull all wire and make all connections for a complete working street light system.





Burkhardt Construction, Inc.

Printed on Fri Nov 13, 2020 at 04:08 pm EST

Job #: 2021 PRECON - Townwide Undergrounding - Phase 4 - North

Palm Beach, Florida 33480

BID SET - Current Drawings

Drawing No.	Drawing Title	Revision	Drawing Date	Received Date	Set
Civil					
C1.00	COVER C1.00	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C1.01	GENERAL NOTES	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C1.02	GENERAL NOTES	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C1.03	GENERAL NOTES	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C1.04	GENERAL NOTES	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C2.00	KEY MAP	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C3.01	CONDUIT PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C3.02	CONDUIT PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C3.03	CONDUIT PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C3.04	CONDUIT PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C3.05	CONDUIT PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C3.06	CONDUIT PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C3.07	CONDUIT PLAN C3.07	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C3.08	CONDUIT PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C3.09	CONDUIT PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C3.10	CONDUIT PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C3.11	CONDUIT PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C3.12	CONDUIT PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C3.13	CONDUIT PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C3.14	CONDUIT PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C3.15	CONDUIT PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C3.16	CONDUIT PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C4.01	ATT & COMCAST CONDUIT PLAN	0	10/12/2020	10/12/2020	BID SET (10/12/20)
C4.02	ATT & COMCAST CONDUIT PLAN	0	10/12/2020	10/12/2020	BID SET (10/12/20)
C4.03	ATT & COMCAST CONDUIT PLAN	0	10/12/2020	10/12/2020	BID SET (10/12/20)
C4.04	ATT & COMCAST CONDUIT PLAN	0	10/12/2020	10/12/2020	BID SET (10/12/20)
C4.05	ATT & COMCAST CONDUIT PLAN	0	10/12/2020	10/12/2020	BID SET (10/12/20)
C4.06	ATT & COMCAST CONDUIT PLAN	0	10/12/2020	10/12/2020	BID SET (10/12/20)
C4.07	ATT & COMCAST CONDUIT PLAN	0	10/12/2020	10/12/2020	BID SET (10/12/20)
C4.08	ATT & COMCAST CONDUIT PLAN	0	10/12/2020	10/12/2020	BID SET (10/12/20)
C4.09	ATT & COMCAST CONDUIT PLAN	0	10/12/2020	10/12/2020	BID SET (10/12/20)
C4.10	ATT & COMCAST CONDUIT PLAN	0	10/12/2020	10/12/2020	BID SET (10/12/20)
C4.11	ATT & COMCAST CONDUIT PLAN	0	10/12/2020	10/12/2020	BID SET (10/12/20)
C4.12	ATT & COMCAST CONDUIT PLAN	0	10/12/2020	10/12/2020	BID SET (10/12/20)
C4.13	ATT & COMCAST CONDUIT PLAN	0	10/12/2020	10/12/2020	BID SET (10/12/20)



Burkhardt Construction, Inc.

Printed on Fri Nov 13, 2020 at 04:08 pm EST

Job #: 2021 PRECON - Townwide Undergrounding - Phase 4 - North

Palm Beach, Florida 33480

Drawing No.	Drawing Title	Revision	Drawing Date	Received Date	Set
C4.14	ATT & COMCAST CONDUIT PLAN	0	10/12/2020	10/12/2020	BID SET (10/12/20)
C4.15	ATT & COMCAST CONDUIT PLAN	0	10/12/2020	10/12/2020	BID SET (10/12/20)
C4.16	ATT & COMCAST CONDUIT PLAN	0	10/12/2020	10/12/2020	BID SET (10/12/20)
C5.00	FPL CONSTRUCTION DETAILS	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C5.01	FPL CONSTRUCTION DETAILS	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C5.02	FPL CONSTRUCTION DETAILS	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C6.00	ATT CONSTRUCTION DETAILS	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C7.00	COMCAST CONSTRUCTION DETAILS	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C8.00	ROADWAY DETAILS	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C8.01	STANDARD EASEMENT DETAILS	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C8.02	CONSTRUCTION DETAILS	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C8.03	CONSTRUCTION DETAILS	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C8.04	STANDARD CLEARSPACE DETAILS	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C9.01	CHICANE DETAIL	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C9.02	CHICANE DETAIL	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C9.03	CHICANE DETAIL	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C9.04	CHICANE DETAIL	0	10/26/2020	10/26/2020	BID SET (10/12/20)
C9.05	CHICANE DETAIL	0	10/26/2020	10/26/2020	BID SET (10/12/20)
DRAINAGE					
D1.00	DRAINAGE IMPROVEMENT PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
D5.00	DRAINAGE DETAILS	0	10/26/2020	10/26/2020	BID SET (10/12/20)
Landscape					
L1.00	LANDSCAPE PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
L1.01	LANDSCAPE PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
L1.02	LANDSCAPE PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
L1.03	LANDSCAPE PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
L1.04	LANDSCAPE PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
L1.05	LANDSCAPE PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
L1.06	LANDSCAPE PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
L1.07	LANDSCAPE PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
L1.08	LANDSCAPE PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)
L1.09	LANDSCAPE DETAILS	0	10/26/2020	10/26/2020	BID SET (10/12/20)
L1.10	LANDSCAPE NOTES	0	10/26/2020	10/26/2020	BID SET (10/12/20)
Street Lights					
SL1.00	STREET LIGHT PLAN	0	10/26/2020	10/26/2020	BID SET (10/12/20)