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## Solicitation Addendum

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Addendum No.:	5
Solicitation No.:	IFBC No. 24-TA005590JH
Project No.:	6115660/6113372/6113392
Solicitation Title:	Moccasin Wallow Road from Sawgrass Road to Buffalo Road Segment 3
Addendum Date:	April 8, 2025
Procurement Contact:	Jeb Hayter, Procurement Agent III

**IFBC No. 24-TA005590JH is amended as set forth herein. Responses to questions posed by prospective bidders are provided below. This Addendum is hereby incorporated in and made a part of IFBC No. 24-TA005590JH.**

**The deadline to submit all inquiries concerning interpretation, clarification or additional information pertaining to this IFBC was January 7, 2025.**

### **REPLACE:**

#### **SECTION B, BID FORMS, APPENDIX M, BID PRICING FORM (Revised Fillable)**

Replace Appendix M, Bid Pricing Form (Revised Fillable) with Appendix M, Bid Pricing Form (2<sup>nd</sup> Revised Fillable) hereby incorporated into this IFBC and available for download as a separate attachment.

### **REPLACE:**

#### **SECTION B, BID FORMS, APPENDIX M, BID PRICING FORM (Revised)**

Replace Appendix M Bid Pricing Form (Revised), With Appendix M, Bid Pricing Form (2<sup>nd</sup> Revised) issued with and attached to this Addendum 5, hereby incorporated into this IFBC.

## **REPLACE:**

### **SECTION C, BID ATTACHMENTS, BID ATTACHMENT 14, EARTHWORK ANALYSIS SHEET**

Replace Bid Attachment 14, Earthwork Analysis Sheet with Bid Attachment 14, Earthwork Analysis Sheet (Revised) issued with and attached to this Addendum 5, hereby incorporated into this IFBC.

## **CHANGE T0:**

### **QUESTIONS AND RESPONSES FROM ADDENDUM 4**

**Q76. We are unable to quantify 110,255 CY of Embankment. Does this quantity include any area beyond the provided cross sections? Please provide the basis for the plan quantity.**

R76. The earthwork analysis has been included. A cut fill analysis was done for the proposed vs existing ground. The earthwork analysis that was done subtracts fill out for the proposed sidewalk and roadway and adds fill in for the unsuitable and existing asphalt that is removed, then the total import fill needed to balance the site is calculated and converted to ~~a trucked measure which results in our imported fill needed of 113,694~~ CY. Insitu measure 85,271 CY.

### **QUESTIONS AND RESPONSES:**

**Q1. In addendum 4, the response to Q76 states that fill needed for the site was calculated and then converted to truck measured. That quantity is now the quantity on the bid form for embankment. This is in direct conflict with item 34 of the Special provisions, which states the quantities on the contract and in the plans are in place quantities. It also states that payment will be made based on average end area method and contractor provided survey data, not a truck measured calculation. Please provide clarification on how the embankment item will be paid. Additionally, the cut fill analysis included shows the quantities with shrink and swell. Can the bid quantities be changed to neat quantities for the following bid items: 120-1 Regular Excavation, 120-4 Subsoil Excavation and 120-6 Embankment?**

R1. See Bid Attachment 14, Earthwork Analysis Sheet (Revised) and Appendix M, Bid Pricing Form (2<sup>nd</sup> Revision).

#### **NOTE:**

Deleted items will be ~~struck through~~, added or modified items will be underlined. All other terms and conditions remain as stated in the IFBC.

**INSTRUCTIONS:**

Receipt of this Addendum must be acknowledged as instructed in the solicitation document. Failure to acknowledge receipt of this Addendum may result in the response being deemed non-responsive.

**END OF ADDENDUM**

AUTHORIZED FOR RELEASE

APPENDIX M, BID PRICING FORM (2nd REVISED)

IFBC NO. 24-TA005590JH MOCCASIN WALLOW ROAD FROM SAWGRASS ROAD TO BUFFALO ROAD SEGMENT 3

Bidders must provide prices for each available line item on each tab for their bid to be considered responsive

\*To be considered responsive, it is the sole responsibility of the bidder to correctly calculate and manually enter all sub-total, contingency, and total bid price fields\*

				BID 540 CALENDAR DAYS	
Pay Item No.	Item	Estimated Quantity	Unit	Unit Price	Extended Price
GENERAL, EARTHWORK, ROADWAY & DRAINAGE COMPONENT					
101-1	MOBILIZATION	1	LS		
102-1	MAINTENANCE OF TRAFFIC	1	LS		
102-2-200	SPECIAL DETOUR-TEMPORARY PAVEMENT	715	SY		
104-10-3	SEDIMENT BARRIER	19,429	LF		
104-11	FLOATING TURBIDITY BARRIER	116	LF		
104-18	INLET PROTECTION SYSTEM	38	EA		
107-1	LITTER REMOVAL	702	AC		
107-2	MOWING	95	AC		
110-1-1	CLEARING & GRUBBING	39	AC		
110-4-10	REMOVAL OF EXISTING CONCRETE	2,610	SY		
	REGULAR EXCAVATION	3,139			
120-1			CY		
120-4	SUBSOIL EXCAVATION	2,996	CY		
120-6	EMBANKMENT	413,604 85271	CY		
160-4a	TYPE B STABILIZATION	98,159	SY		
285-709	OPTIONAL BASE, BASE GROUP 09	87,704	SY		
327-70-6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	3,813	SY		
334-1-13A	SUPERPAVE ASPHALTIC CONC, TRAFFIC C (FIRST LIFT)	12,228	TN		
334-1-13B	SUPERPAVE ASPHALTIC CONC, TRAFFIC C (OVERBUILD)	1,450	TN		
337-7-83a	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22 (SECOND LIFT)	6,114	TN		
337-7-83b	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22 (1 1/2" OVERLAY)	315	TN		
400-0-11	CONCRETE CLASS NS, GRAVITY WALL INDEX 400-011	40	CY		
425-1-351	INLETS, CURB, TYPE P-5, <10'	5	EA		
425-1-361	INLETS, CURB, TYPE P-6, <10'	24	EA		
425-1-461	INLETS, CURB, TYPE J-6, <10'	4	EA		
425-1-462	INLETS, CURB, TYPE J-6, >10'	3	EA		
425-1-583a	INLETS, DT BOT, TYPE H, J BOTTOM <10' (2 GRATE) MODIFIED	3	EA'		
425-2-61	MANHOLES, P-8, <10'	7	EA		
425-2-62	MANHOLES, P-8, >10'	3	EA		
425-2-91	MANHOLES, J-8, <10'	4	EA		
425-2-92	MANHOLES, J-8, >10'	5	EA		
425-11	MODIFY EXISTING DRAINAGE STRUCTURE - PARTIAL	1	EA		
430-175-115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"S/CD	65	LF		
430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	2,691	LF		
430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"S/CD	3,281	LF		
430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	1,604	LF		
430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	1,140	LF		
430-175-142	PIPE CULVERT, OPT MATERIAL, ROUND, 42"S/CD	402	LF		
430-175-148	PIPE CULVERT, OPT MATERIAL, ROUND, 48"S/CD	227	LF		
430-175-154	PIPE CULVERT, OPT MATERIAL, ROUND, 54"S/CD	70	LF		
430-175-215	PIPE CULVERT, OPTIONAL MATERIAL, OTHER-ELIP/ARCH, 15"S/CD	49	LF		
430-175-218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER-ELIP/ARCH, 18"S/CD	354	LF		
430-175-224	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE-ELIP/ARCH, 24"S/CD	125	LF		
430-175-242	PIPE CULVERT, OPT MATERIAL, OTHER SHAPE - ELIP/ARCH, 42"S/CD	270	LF		
515-2-111	PEDESTRIAN / BICYCLE RAILING, NS, 42" TYPE I	132	LF		
520-1-7	CONCRETE CURB & GUTTER, TYPE E	1,293	LF		
520-1-10	CONCRETE CURB & GUTTER, TYPE F	17,411	LF		
520-5-11	TRAFFIC SEPARATOR CONCRETE TYPE I, 4' WIDE	88	LF		
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	13,649	SY		
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	19	SY		
527-2	DETECTABLE WARNINGS	892	SF		
570-1-2	PERFORMANCE TURF, SOD	52,992	SY		
SPECIAL-1	RECORD DRAWINGS PER MANATEE COUNTY STANDARDS (DRAINAGE)	1	LS		
SPECIAL-2	GRATE INLET	4	EA		

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SPECIAL-3	THROAT INLET	1	EA		
SPECIAL-4	6" UNDERDRAIN	2,399	LF		
SPECIAL-5	UNDERDRAIN CLEANOUT	41	EA		
SPECIAL-7	4" CONCRETE, TERRACOTTA & IMPRINTED WITH BRICK	1,087	SY		
SPECIAL-8	TRAFFIC CONTROL STRIPING AND PAVEMENT MARKINGS (INCLUDES TEMPORARY PAINT MARKINGS)	1	LS		
SPECIAL-9	TRAFFIC CONTROL SIGNAGE	1	LS		
MC-201.1	CONCRETE CURB & GUTTER, TYPE "A" CURB	18	LF		
MC-201.3	CONCRETE CURB & GUTTER, TYPE "AB" MODIFIED	7,893	LF		
MC-201.5	3' VALLEY CROSSING	144	LF		
MC-401.1A	2" ASPHALTIC CONCRETE TYPE S-I (CARTER RD. & 71ST AVE)	13,366	SY		
MC-401.1B	1" ASPHALTIC CONCRETE TYPE S-III (CARTER RD. & 71ST AVE)	13,366	SY		
GENERAL, EARTHWORK, ROADWAY & DRAINAGE COMPONENT SUB-TOTAL					
SIGNALIZATION COMPONENT					
102-104	TEMPORARY SIGNALIZATION AND MAINTENANCE OF INTERSECTION	540	ED		
102-107-1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE OF INTERSECTION	540	ED		
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	10,076	LF		
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	3,592	LF		
632-7-1	SIGNAL CABLE - NEW OR RECONSTRUCTED INTERSECTION, F&I	2	PI		
633-1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND, 2-12 FIBERS	449	LF		
633-1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND, 13-48 FIBERS	11,772	LF		
633-2-31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	104	EA		
633-3-11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	3	EA		
633-3-12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	4	EA		
633-3-13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	2	EA		
633-3-15	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED PATCH PANEL	2	EA		
633-8-1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	7,617	LF		
635-2-12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	37	EA		
635-2-13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	2	EA		
635-2-14	PULL & SPLICE BOX, F&I, 17" X 30" COVER SIZE	12	EA		
639-1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	2	AS		
639-2-1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	16	LF		
639-3-11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	2	EA		
639-4-6	EMERGENCY GENERATOR CAB - INSTALL HOUSING ONLY	2	EA		
641-2-12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	2	EA		
641-2-13	PRESTRESSED CONCRETE POLE, F&I, TYPE P-III	6	EA		
646-1-11	ALUMINUM SIGNALS POLE, F&I, PEDESTAL	16	EA		
649-21-10	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 60"	1	EA		
649-21-15	MAST ARM ASSEMBLY, FURNISH & INSTALL, SINGLE ARM 70"	2	EA		
649-21-18	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70"-50"	1	EA		
649-21-20	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70"-70"	1	EA		
649-21-21	STEEL MAST ARM ASSEMBLY, F&I, SINGLE ARM 78"	3	EA		
649-21-27	MAST ARM ASSEMBLY, FURNISH & INSTALL, DOUBLE ARM 78"-78"	3	EA		
650-1-34	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL POLYCARBONATE, 3 SECTION, 1 WAY	46	AS		
650-1-39	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL POLYCARBONATE, 5 SECTION CLUSTER, 1 WAY	6	AS		
650-1-70	VEHICULAR TRAFFIC SIGNAL, RELOCATE-INCLUDED REMOVAL AND REINSTALLATION	1	AS		
653-1-11	PEDESTRIAN SIGNAL, F&I, LED COUNTDOWN, 1 WAY	16	AS		
660-3-11	VEHICLE DETECTION SYSTEM - WAVETRONIX SMARTSENSOR HD, F&I CABINET EQUIPMENT	20	EA		
660-3-12	VEHICLE DETECTION SYSTEM - WAVETRONIX SMARTSENSOR HD, F&I ABOVE GROUND EQUIPMENT	20	EA		
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	16	EA		
670-5-110	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA	2	AS		
682-1-113	ITS CCTV CAMERA, F&I, DOME PTZ ENCLOSURE - PRESSURIZED, IP, HIGH DEFINITION	2	EA		
684-1-1	MANAGED FIELD ETHERNET SWITCH, F&I	2	EA		
685-1-14	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, ONLINE/DOUBLE CONVERSION WITH CABINET	2	EA		
685-2-1	REMOTE POWER MANAGEMENT UNIT-RPMU, FURNISH AND INSTALL	2	EA		
700-3-201	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	18	EA		
700-5-22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	8	EA		
700-11-391	ELECTRIC DISPLAY SIGN, FURNISH & INSTALL OVERHEAD MOUNT - AC POWERED, BLANK OUT SIGN, UP TO 12 SF	1	EA		
700-141-111	ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, F&I GROUND MOUNT, W/BEACON, UP TO 12 SF OF STATIC SIGN PANELS	2	EA		
715-5-32	LUMINAIRE & BRACKET ARM-GALV STEEL, FURNISH & INSTALL NEW LUMINAIRE, AND ARM ON NEW/EXISTING POLE	8	EA		

SIGNALIZATION COMPONENT SUB-TOTAL					
LIGHTING COMPONENT					
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	14,570	LF		
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	992	LF		
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	118	EA		
639-1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	1	AS		
641-2-12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	1	EA		
715-1-12	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 8 - 6	54,942	LF		
715-1-13	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 4 - 2	348	LF		
715-61-352	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE, STANDARD FOUNDATION, 40' MOUNTING HEIGHT, 15' ARM LENGTH	108	EA		
715-7-11	LOAD CENTER, F&I, SECONDARY VOLTAGE	1	EA		
715-500-1	POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL	108	EA		
LIGHTING COMPONENT SUB-TOTAL					
POTABLE WATER COMPONENT					
101-1	MOBILIZATION	1	LS		
1050 16004	UTILITY PIPE, REMOVE & DISPOSE, 8-19.9"	2,190	LF		
1050-16005	UTILITY PIPE, REMOVE & DISPOSE, 20-49.9" - 30"	7,015	LF		
1050-31208	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 8"	18	LF		
1050-31210	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 10"	42	LF		
1050-31212	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 12"	18	LF		
1050-51208	UTILITY PIPE- DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 8"	149	LF		
1050-51210	UTILITY PIPE- DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 10"	143	LF		
1050-51212	UTILITY PIPE- DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 12"	127	LF		
1050-51216	UTILITY PIPE- DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 16"	1,051	LF		
1050-51230	UTILITY PIPE- DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 30"	7,086	LF		
1055-51108	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL ELBOW, 8"	1	EA		
1055-51110	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL ELBOW, 10"	4	EA		
1055-51112	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL ELBOW, 12"	4	EA		
1055-51116	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL ELBOW, 16"	6	EA		
1055-51130	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL ELBOW, 30"	12	EA		
1055-51216	UTILITY FITTINGS, DI F&I, TEE, 16" X 16"	1	EA		
1055-51230a	UTILITY FITTINGS, DI F&I, TEE, 30" X 8"	2	EA		
1055-51230b	UTILITY FITTINGS, DI F&I, TEE, 30" X 10"	2	EA		
1055-51230c	UTILITY FITTINGS, DI F&I, TEE, 30" X 12"	2	EA		
1055-51316	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL REDUCER, 16"x12"	1	EA		
1055-51830a	UTILITY FITTINGS, DI F&I, CROSS, 30"x30"x16"x16"	1	EA		
1055-51830b	UTILITY FITTINGS, DI F&I, CROSS, 30"x30"x8"x8"	1	EA		
1080-24108	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 8"	4	EA		
1080-24110	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 10"	2	EA		
1080-24112	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 12"	2	EA		
1080-24116	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 16"	6	EA		
1080-24130	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 30"	18	EA		
1080-25102	UTILITY FIXTURE- BLOWOFF ASSEMBLY, FURNISH AND INSTALL, 2"	2	EA		
1080-29108	UTILITY FIXTURE, MECHANICAL JOINT RESTRAINT, FURNISH & INSTALL, 8"	8	EA		
1080-29110	UTILITY FIXTURE, MECHANICAL JOINT RESTRAINT, FURNISH & INSTALL, 10"	5	EA		
1080-29112	UTILITY FIXTURE, MECHANICAL JOINT RESTRAINT, FURNISH & INSTALL, 12"	9	EA		
1080-29116	UTILITY FIXTURE, MECHANICAL JOINT RESTRAINT, FURNISH & INSTALL, 16"	39	EA		
1080-29130	UTILITY FIXTURE, MECHANICAL JOINT RESTRAINT, FURNISH & INSTALL, 30"	332	EA		
1644-113-08	FIRE HYDRANT, F&I, STANDARD, 2 HOSE, 1 PUMPER, 6"	9	EA		
MC - U/W -23	TYPICAL WATER SERVICE CONNECTION	1	EA		
SPECIAL-10	RECORD DRAWINGS PER MANATEE COUNTY STANDARDS (UTILITY)	1	LS		

POTABLE WATER COMPONENT SUB-TOTAL					
RECLAIM COMPONENT					
101-1	MOBILIZATION	1	LS		
1050-16003	UTILITY PIPE, REMOVE & DISPOSE, 5-7.9"	253	LF		
1050-16004	UTILITY PIPE, REMOVE & DISPOSE, 8-19.9"	856	LF		
1050-16005	UTILITY PIPE, REMOVE & DISPOSE, 20-49.9"	8,525	LF		
1050-31206	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 6"	337	LF		
1050-31208	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 8"	60	LF		
1050-31212	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 12"	23	LF		
1055-51106	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL ELBOW, 6"	4	EA		
1055-51108	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL ELBOW, 8"	8	EA		
1055-51112	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL ELBOW, 12"	6	EA		
1055-51120	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL ELBOW, 20"	22	EA		
1050-51208	UTILITY PIPE- DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 8"	300	LF		
1050-51212	UTILITY PIPE- DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 12"	171	LF		
1050-51220	UTILITY PIPE- DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 20"	7,579	LF		
1050 61114	UTILITY PIPE- STEEL, FURNISH & INSTALL, CASING, 14"	282	LF		
1055-51208	UTILITY FITTINGS, DI F&I, TEE, 8" X 8"	1	EA		
1055-51220a	UTILITY FITTINGS, DI F&I, TEE, 20" X 6"	3	EA		
1055-51220b	UTILITY FITTINGS, DI F&I, TEE, 20" X 8"	3	EA		
1055-51220c	UTILITY FITTINGS, DI F&I, TEE, 20" X 12"	2	EA		
1055-51220d	UTILITY FITTINGS, DI F&I, TEE, 20" X 20"	1	EA		
1080-24106	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 6"	4	EA		
1080-24108	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 8"	6	EA		
1080-24112	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 12"	2	EA		
1080-24120	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 20"	16	EA		
1080-25102	UTILITY FIXTURE- BLOWOFF ASSEMBLY, FURNISH AND INSTALL, 2"	1	EA		
1080-29106	UTILITY FIXTURE, MECHANICAL JOINT RESTRAINT, FURNISH & INSTALL, 6"	10	EA		
1080-29108	UTILITY FIXTURE, MECHANICAL JOINT RESTRAINT, FURNISH & INSTALL, 8"	12	EA		
1080-29112	UTILITY FIXTURE, MECHANICAL JOINT RESTRAINT, FURNISH & INSTALL, 12"	6	EA		
1080-29120	UTILITY FIXTURE, MECHANICAL JOINT RESTRAINT, FURNISH & INSTALL, 20"	199	EA		
1644-113-08	FIRE HYDRANT, F&I, STANDARD, 2 HOSE, 1 PUMPER, 6"	10	EA		
SPECIAL-11	RECORD DRAWINGS PER MANATEE COUNTY STANDARDS (UTILITY)	1	LS		
RECLAIM COMPONENT SUB-TOTAL					
SANITARY COMPONENT					
101-1	MOBILIZATION	1	LS		
1050 16003	UTILITY PIPE,REMOVE & DISPOSE, 5-7.9"	210	LF		
1050-16005	UTILITY PIPE,REMOVE & DISPOSE, 20-49.9"	3,469	LF		
1050-31206	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 6"	172	LF		
1050-31212	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 12"	32	LF		
1050-31220	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 20"	3,692	LF		
1050 61114	UTILITY PIPE- STEEL, FURNISH & INSTALL, CASING, 14"	131	LF		
1050 61124	UTILITY PIPE- STEEL, FURNISH & INSTALL, CASING, 24"	108	LF		
1050 61136	UTILITY PIPE- STEEL, FURNISH & INSTALL, CASING, 36"	643	LF		
1055-51106	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL 45 DEG ELBOW, 6"	3	EA		
1055-51112	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL 45 DEG ELBOW, 12"	1	EA		
1055-51120	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL 45 DEG ELBOW, 20"	6	EA		
1055-51620	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL Y, 20"	2	EA		
1080-33106	UTILITY FIXTURE, PLUG VALVE, FURNISH AND INSTALL 6"	1	EA		
1080-33112	UTILITY FIXTURE, PLUG VALVE, FURNISH AND INSTALL 12"	1	EA		
1080-33120	UTILITY FIXTURE, PLUG VALVE, FURNISH AND INSTALL 20"	2	EA		
1080-24400	UTILITY FIXTURE, VALVE ASSEMBLY, RELOCATE	2	EA		
1080-24500	UTILITY FIXTURE, VALVE ASSEMBLY, ADJUST/MODIFY	4	EA		
1080-26400	UTILITY FIXTURE, VAC/AIR ASSEMBLY, RELOCATE	1	EA		
1080-26120	UTILITY FIXTURE, VAC/AIR ASSEMBLY, FURNISH & INSTALL 2"	1	EA		
1080-29106	UTILITY FIXTURE, MECHANICAL JOINT RESTRAINT, FURNISH & INSTALL, 6"	10	EA		
1080-29112	UTILITY FIXTURE, MECHANICAL JOINT RESTRAINT, FURNISH & INSTALL, 12"	2	EA		
1080-29120	UTILITY FIXTURE, MECHANICAL JOINT RESTRAINT, FURNISH & INSTALL, 20"	89	EA		
SPECIAL-12	RECORD DRAWINGS PER MANATEE COUNTY STANDARDS (UTILITY)	1	LS		
SANITARY COMPONENT SUB-TOTAL					
Sub-Total Price (Total General, Earthwork, Roadway & Drainage, Signalization, Lighting, Potable Water, Reclaim, Sanitary)					
	CONTRACT CONTINGENCY (USED ONLY WITH COUNTY APPROVAL)	10%			
TOTAL BID PRICE (SUB-TOTAL PRICE PLUS THE CONSTRUCTION CONTINGENCY)					

BIDDER NAME \_\_\_\_\_

BIDDER SIGNATURE \_\_\_\_\_

## CUT AND FILL BALANCING WORKSHEET

PROJECT: Mocassin Wallow Road Build Out - Segment 3 (100% PLANS)

DESCRIPTION	UNIT	COMPACTED (12)		INSITU (15)		TRUCKED (20)	
		CUT QUANTITY	FILL QUANTITY	CUT QUANTITY	FILL QUANTITY	CUT QUANTITY	FILL QUANTITY
Project Fill needed	CY	-	91,932.0	-	114,915.0	-	153,220.0
Project Cut needed	CY	2,511.2	-	3,139.0	-	4,185.3	-
Import Fill (Needed to Balance Site)	CY	68,216.6		85,270.7		<del>113,694.3</del>	
Stripping Loss (2")	CY	-	10,486.7	-	13,108.3	-	17,477.8
De-muck wetland	CY		2,396.8	-	2,996.0	-	3,994.7
Existing Asphalt to be removed	CY		2,027.1	-	2,533.9	-	3,378.5
Existing Base to be removed	CY		6,081.3	-	7,601.7	-	10,135.6
Asphalt (Roadway)	CY	10,934.0	-	13,667.5	-	18,223.3	-
Base (Roadway)	CY	24,297.8	-	30,372.2	-	40,496.3	-
Subgrade (2") (Roadway)	CY	5,447.8	-	6,809.7	-	9,079.6	-
Sidewalk (4")	CY	1,516.6	-	1,895.7	-	2,527.6	-
<b>Estimasted Phase Balance</b>	<b>CY</b>	<b>112,923.9</b>	<b>112,923.9</b>	<b>141,154.9</b>	<b>141,154.9</b>	<b>188,206.5</b>	<b>188,206.5</b>
	<b>CY</b>	<b>(0.0)</b>		<b>(0.0)</b>		<b>(0.0)</b>	