

*Request for Competitive Solicitations
Rebid Sands SLR Roadway and
Drainage Pilot Project, Big Pine Key,
Monroe County, Florida
RFP-484-0-2023/la
ADDENDUM NO. 2
February 23, 2023*

The information contained in this Addendum modifies, supplements, or replaces information contained in the Project Manual and is hereby made a part of the Contract Documents. The following items are clarifications, deletions, revisions, changes, and modifications that change the Project Manual only in the amount and to the extent hereinafter specified and set forth in this ADDENDUM NO. 2.

Note: Sands Rebid notice is also advertised in My Florida Marketplace - ITB-03791 – wherein it references Demandstar to obtain bid documents.

Questions, Responses and Clarifications:

Note: Bid sheets have been revised. Plan sheet S-01 has been revised.

Q1: Item 1050-16-002 Utility Pipe, Remove & dispose, 2-4.9". Please verify the quantity of 300 LF – there appears to be an overrun. If not, please call out the limits of removal.

R1: Item shall be considered as a Contingent Item to account for unforeseen utilities removal. Bid quantity has been revised to 100 LF. Quantity will be adjusted at job completion.

Q2: Item 448-73-2 F&I Pumps – the bid item calls for Flygt Model LL3602/845. The specifications call for Xylem/Flygt LL3400/706 pumps. Please clarify which pump is correct.

R2: Bid Item 448-73-2 description corrected to the Specs Pump Model Xylem/Flygt LL3400/706.

Q3: Will there be a prebid conference?

R3: A prebid meeting will not be held for this project.

Q4: Sheet S-12B shows Footing – Type F2. Please clarify the location of where this detail is to be used.

R4: Footing Type F2 is to be used as the foundation for the light poles. Refer to revised S-01 attached.

All other items remain as called for in the documents.

End of Addendum No. 2

Judith Clarke, P.E. Digitally signed by Judith Clarke, P.E.
Date: 2023.02.22 09:55:12 -05'00'

Judy Clarke, Director of Engineering Services

Addendum 2 Revised -Monroe County Rebid Form: Sands Sea Level Rise Pilot Project

BID PROPOSAL

Item No.	Description	Unit	Quantity	Unit Price	Written Price	Line Total Price
101-1	MOBILIZATION	LS	1.00			
102-1	MAINTENANCE OF TRAFFIC	LS	1.00			
104-10-3	SEDIMENT BARRIER (STRAW WATTLE 9")	LF	3000			
104-18	INLET PROTECTION	EA	30.00			
110-1-1	CLEARING & DEGRUBBING	AC	1.18			
120-1A	REGULAR EXCAVATION – Roadway	CY	1630.00			
120-6	EMBANKMENT	CY	50.00			
160-4	STABILIZATION TYPE B	SY	3526.92			
285-704	OPTIONAL BASE GROUP 04 - ASPHALT BASE (TYPE B-12.5)	SY	3526.92			
286-1	TURNOUT CONSTRUCTION (ASPHALT)	SY	43.78			
327-70-1	MILLING+OVERLAY EXIST ASPH PAVT, 1" AVG DEPTH	SY	4519.80			
334-1-11	SUPERPAVE ASPHALTIC CONC, TRAFFIC A	TN	714.14			
530-74	BEDDING STONE (NO. 57 STONE)	TN	266.37			
570-1-2	PERFORMANCE TURF, SOD	SY	2777.11			
700-1-60	SINGLE POST SIGN, RELOCATE	AS	14.00			
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	72.00			

Addendum 2 Revised Monroe County Rebid Form: Sands Sea Level Rise Pilot Project

BID PROPOSAL

Item No.	Description	Unit	Quantity	Unit Price	Written Price	Line Total Price
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID 24"	LF	194.06			
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.06			
711-16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	0.25			
1050-16-003	UTILITY PIPE- REMOVE & DISPOSE, 5-7.9"	LF	420.00			
1050-51-206	6" WM DI PIPE FURNISH & INSTALL	LF	420.00			
425-5	ADJUST MANHOLE (UTILITIES) (TOP ADJUSTMENT)	SY	2.00			
448-73-2	FURNISH AND INSTALL PUMPS: FLYGT MODEL LL3400/706	EA	4.00			
448-73-3	FURNISH AND INSTALL CONTECH TREATMENT UNIT: MODEL CDS5678	EA	1.00			
448-73-4	ELECTRICAL (INCL VFD, ELECT SERVICE, ETC.)	LS	1.00			
125-3	SELECT BEDDING MATERIAL	CY	395.00			
1050-51-224	UTILITY PIPE-DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 24"	LF	578.00			
1050-51-230-36	UTILITY PIPE-DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 36"	LF	456.00			

Addendum 2 Revised Monroe County Rebid Form: Sands Sea Level Rise Pilot Project

BID PROPOSAL

Item No.	Description	Unit	Quantity	Unit Price	Written Price	Line Total Price
1050-51-230-48	UTILITY PIPE-DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 48"	LF	477.00			
1080-29-124	UTILITY FIXTURE, MECHANICAL JOINT RESTRAINT, FURNISH & INSTALL, 24"	EA	30.00			
1080-11-509	UTILITY FIXTURES, F&I, 20-49.9", MECHANICAL JOINT RESTRAINT	EA	18.00			
1055 51-124	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH AND INSTALL ELBOW, 24"	EA	14.00			
1055 51-136	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH AND INSTALL ELBOW, 36"	EA	4.00			
1055 51-148	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH AND INSTALL ELBOW, 48"	EA	5.00			
1055-11-425	UTILITY FITTING, F&I, DI/CI, TEE, 20-49.9"	EA	12.00			
1055-51-524	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL, CAP/PLUG, 24"	EA	1.00			
1055-11-435	UTILITY FITTINGS, F&I, DI/CI, REDUCER, 20 - 49.9"	EA	3.00			
1080-24-124	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 24" FOR GATE AND SWING VALVES	EA	20.00			
1080-24-102	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 2"	EA	2.00			

Addendum 2 Revised Monroe County Rebid Form: Sands Sea Level Rise Pilot Project

BID PROPOSAL

Item No.	Description	Unit	Quantity	Unit Price	Written Price	Line Total Price
1050-16-002	UTILITY PIPE- REMOVE & DISPOSE, 2-4.9"	LF	100.00			
425-15-41	INLETS, DT BOT, TYPE D <10'	EA	34.00			
425-2-71	MANHOLES, J-7 <10'	EA	16.00			
425-2-72	MANHOLES, J-7 >10'	EA	4.00			
430-173-115	PIPE CULVERT, OPTIONAL MATERIAL ROUND, 15" SD	LF	30.00			
430-173-118	PIPE CULVERT, OPTIONAL MATERIAL ROUND, 18" SD	LF	1365.00			
430-173-124	PIPE CULVERT, OPTIONAL MATERIAL ROUND, 24" SD	LF	1426.00			
430-173-136	PIPE CULVERT, OPTIONAL MATERIAL ROUND, 36" SD	LF	151.00			
288- INJECTION WELLS	FURNISH AND INSTALL INJECTION WELLS AND ANCILLARY EQUIPMENT (EXCEPT GATE VALVES)	LS	12			
400-4-25	SUPPORT OF EXCAVATION-COFFERDAM	LS	1.00			
400-4-25	CONCRETE-PUMP STATION	CY	269.40			
415-1-6	MISCELLANEOUS STEEL-PUMP STATION	LB	71130.81			

Addendum 2 Revised Monroe County Rebid Form: Sands Sea Level Rise Pilot Project

Item No.	Description	Unit	Quantity	Unit Price	Written Price	Line Total Price
120-1B	REGULAR EXCAVATION, DRAINAGE STRUCTURES, PIPING AND PUMP STATION	CY	6870.68			
580-1-1	LANDSCAPE COMPLETE – SMALL PLANTS	EA	88.00			
580-1-2	LANDSCAPE COMPLETE – LARGE PLANTS	EA	20.00			
286-1	TURNOUT CONSTRUCTION GRAVEL	SY	439.20			
581-1-3	RELOCATE TREES-MULTI-TRUNK	EA	1			
425-15-42	INLETS-DT BOT, TYPE D> 10"	EA	4			
MC permit	Monroe County permit# 20101595 pass thru amount \$45,966.44 (awarded contractor to pick up and pay for)	LS	1	\$45,966.44	Forty-five thousand nine hundred sixty six dollars and forty four cents.	\$45,966.44

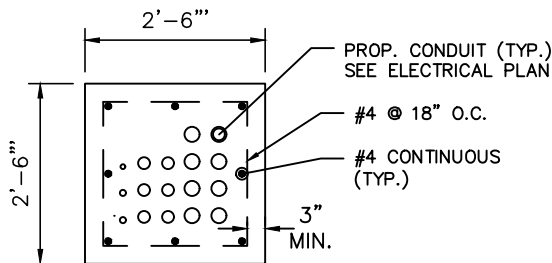
Grand Total Rebid Amount (includes permit amount above)

\$_____

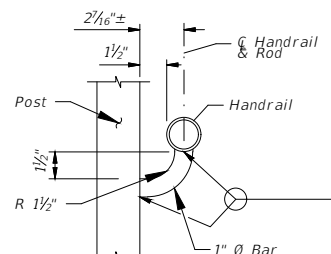
Company Name - Bidder_____

- NOTES:
1. INSTALL COFFERDAM FOR PUMP STATION CONSTRUCTION. REMOVE COFFERDAM AFTER PUMP STATION CONSTRUCTION IS COMPLETE.
 2. THE CONTRACTOR HAS THE OPTION TO CUT THE COFFERDAM SHEETPILE 2'-0" BELOW THE FINISH GRADE AS LONG AS IT'S NOT IN CONFLICT WITH PROPOSED STRUCTURES FOUNDATIONS.

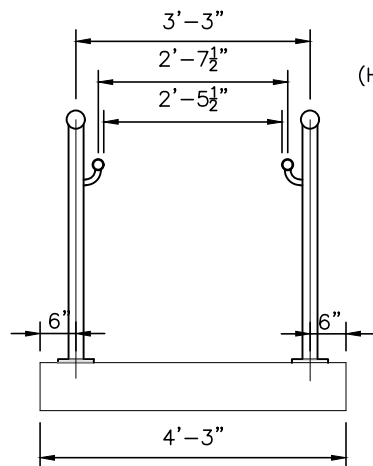
STRUCTURE TOP ELEVATIONS			
1	VALVE BOX	3.20 FT NAVD	4.58 FT NGVD
2	WET WELL	3.20 FT NAVD	4.58 FT NGVD
3	INLET BOX	3.20 FT NAVD	4.58 FT NGVD
4	TREATMENT UNIT	3.20 FT NAVD	4.58 FT NGVD
5	GENERATOR PLATFORM	10.25 FT NAVD	11.63 FT NGVD
6	ELECTRICAL EQUIPMENT PLATFORM	10.25 FT NAVD	11.63 FT NGVD
NGVD'29 = NAVD'88 + 1.38'			



CONCRETE ENCASED
DUCTBANK DETAIL

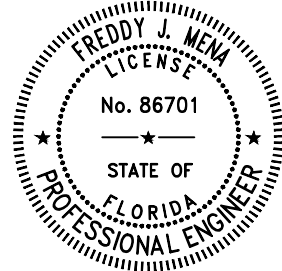


SECTION B-B
(Handrail Connection)



STAIR SECTION
HANDRAIL DETAIL

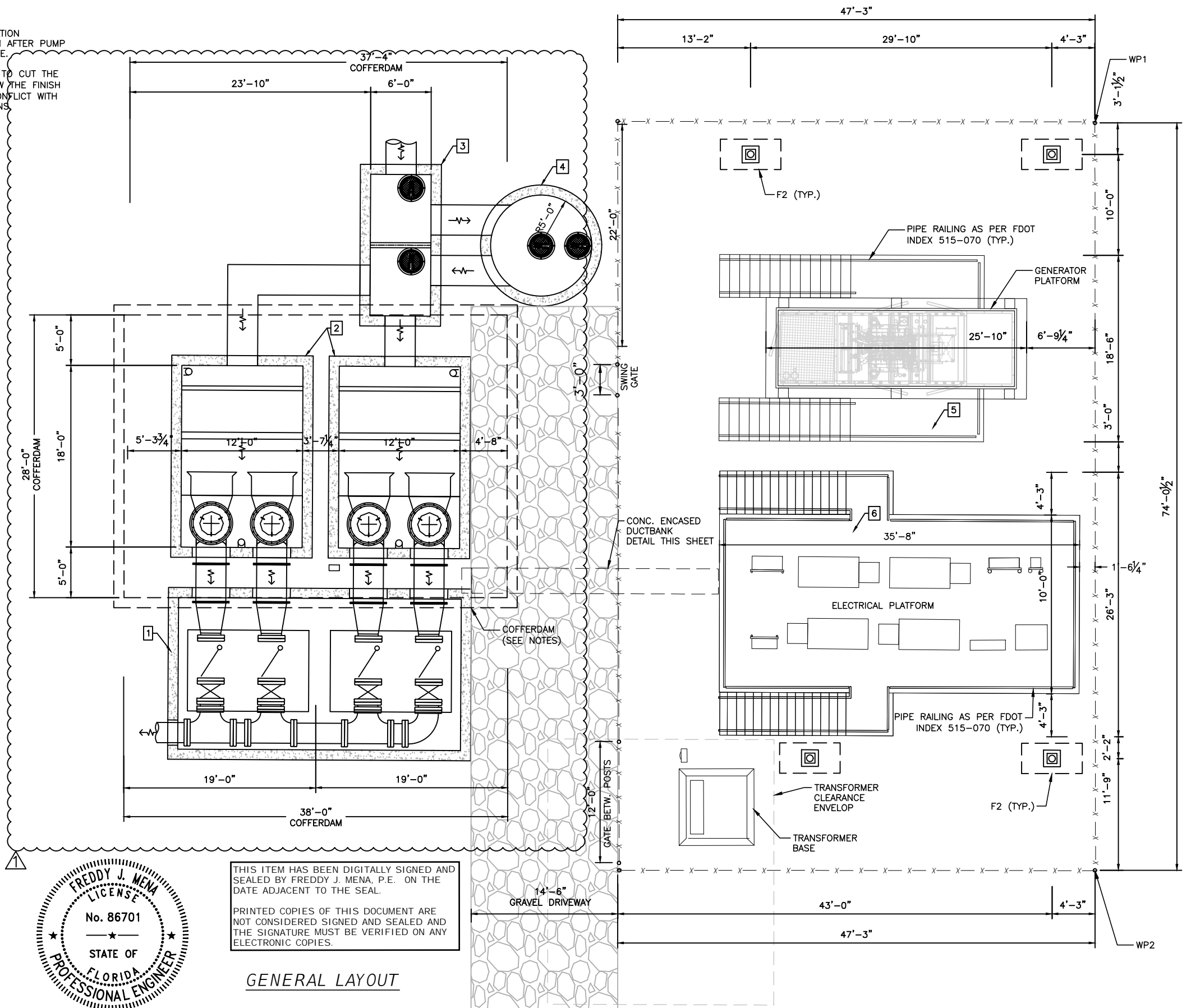
HANDRAIL ON PLATFORM
CONCRETE TOP SLAB



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY FREDDY J. MENA, P.E. ON THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

GENERAL LAYOUT



REVISIONS				FREDDY J. MENA, P.E. P.E. LICENSE NUMBER 86701 WSP USA, 7650 CORPORATE CENTER DRIVE, SUITE 300, MIAMI, FLORIDA 33126 CERTIFICATE OF AUTHORIZATION 01462	WSP	SEA LEVEL RISE ROADWAY AND DRAINAGE PILOT PROJECT SANDS SUBDIVISION - BIG PINE KEY MONROE COUNTY - DEPARTMENT OF ENGINEERING	PUMP STATION GENERAL LAYOUT	SHEET NO. S-1B
DATE	DESCRIPTION	DATE	DESCRIPTION					
2/21/2023	Δ BID COMMENTS							

MONROE COUNTY
SEA LEVEL RISE ROADWAY AND
DRAINAGE PILOT PROJECT - BIG PINE KEY
SUMMARY OF PAY ITEMS

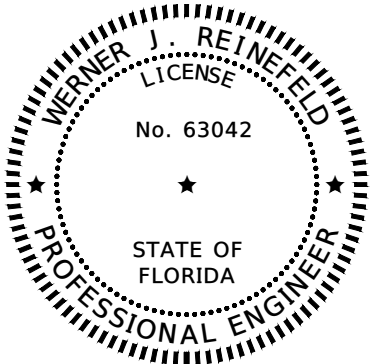
PAY ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
101-1	MOBILIZATION	LS	1.00
102-1	MAINTENANCE OF TRAFFIC	LS	1.00
104-10-3	SEDIMENT BARRIER (STRAW WATTLE 9")	LF	3000
104-18	INLET PROTECTION	EA	30.00
110-1-1	CLEARING & GRUBBING	AC	1.18
120-1A	REGULAR EXCAVATION, ROADWAY	CY	1630.00
120-6	EMBANKEMENT	CY	50.00
160-4	STABILIZATION TYPE B	SY	3526.92
285-704	OPTIONAL BASE GROUP 04 - ASPHALT BASE (TYPE B-12.5)	SY	3526.92
286-1	TURNOUT CONSTRUCTION (ASPHALT)	SY	43.78
286-1	TURNOUT CONSTRUCTION (GRAVEL)	SY	439.2
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	SY	4519.80
334-1-11	SUPERPAVE ASPHALTIC CONC, TRAFFIC A	TN	714.14
530-74	BEDDING STONE (NO. 57 STONE)	TN	266.37
570-1-2	PERFORMANCE TURF, 50D	SY	2777.11
700-1-60	SINGLE POST SIGN, RELOCATE	AS	14.00
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	72.00
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID 24"	LF	194.06
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.06
711-16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	0.25
0581-1-3	RELOCATE TREES AND PALMS, MULTI-TRUNK OR CLUSTERING	EA	1.0
10-50-16-003	UTILITY PIPE,REMOVE & DISPOSE, 5-7.9"	LF	420.00
1050-51-206	6" WM DI PIPE FURNISH & INSTALL	LF	420.00
425-5	ADJUST MANHOLE (UTILITIES) (TOP ADJUSTMENT)	SY	2.00
120-1B	REGULAR EXCAVATION, DRAINAGE STRUCTURES, PIPING AND PUMP STATION	CY	6870.68
448-73	PUMP STATION DRAINAGE		
	FURNISH AND INSTALL PUMPS: FL	EA	4.00
	FURNISH AND INSTALL CONTECH TREATMENT UNIT: MODEL CDS5678	EA	1.00
	ELECTRICAL (INCL VFD, ELECT SERVICE, ETC.)	LS	1.00
125-3	SELECT BEDDING MATERIAL	CY	395.00
1050-51-224	UTILITY PIPE-DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 24"	LF	578.00
1050-51-230	UTILITY PIPE-DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 36"	LF	456.00
1050-51-230-48	UTILITY PIPE-DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 48"	LF	477.00
1080-29-124	UTILITY FIXTURE, MECHANICAL JOINT RESTRAINT, FURNISH & INSTALL, 24"	EA	30.00
1080-11-509	UTILITY FIXTURES, F&I, 20-49.9", MECHANICAL JOINT RESTRAINT	EA	18.00
1055 51-124	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH AND INSTALL ELBOW, 24"	EA	14.00
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1055-11-425	UTILITY FITTING,F&I,DI/CI,TEE,20-49.9"	EA	12.00
1055-51-524	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL, CAP/PLUG, 24"	EA	1.00
1055-11-435	UTILITY FITTINGS, F&I, DI/CI, REDUCER, 20 - 49.9"	EA	3.00
1080-24-124	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 24" FOR GATE AND SWING VALVES	EA	20.00

PAY ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
1080-24-102	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 2"	EA	2.00
1050-16-002	UTILITY PIPE,REMOVE & DISPOSE, 2-4.9"	LF	100.00
425-15-41	INLETS, DT BOT, TYPE D <10"	EA	34.00
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580-1-1	LANDSCAPE COMPLETE - SMALL PLANTS	EA	88.00
580-1-2	LANDSCAPE COMPLETE - LARGE PLANTS	EA	20.00

PAY ITEMS NOTES:

- PAY ITEM MEASUREMENTS ARE PER FDOT STANDARD SPECIFICATIONS.
 - 286-1: INCLUDES COST OF
439.20 SY GRAVEL DRIVEWAYS
43.78 SY ASPHALT DRIVEWAYS
 - 448-73: INCLUDES STRUCTURAL, ELECTRICAL
AND ANCILLARY EQUIPMENT
- * REFER TO DETAIL ON SHEET PS-8A

This item has been electronically signed and sealed by Werner Reinefeld on the date adjacent to the seal using a SHA authentication code. Printed copies of this document are not considered signed and sealed and the SHA authentication code must be verified on any electronic copies.



02/22/23

REVISIONS				WERNER REINEFELD, P.E. P.E. LICENSE NUMBER 63042 WSP USA, 7650 CORPORATE CENTER DRIVE, SUITE 300, MIAMI, FLORIDA 33126 CERTIFICATE OF AUTHORIZATION 01462			SEA LEVEL RISE ROADWAY AND DRAINAGE PILOT PROJECT SANDS SUBDIVISION - BIG PINE KEY MONROE COUNTY - DEPARTMENT OF ENGINEERING	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					
2/13/23	1. BID COMMENTS - ADDENDUM #1							
2/22/23	2. BID ADDENDUM #2						SUMMARY OF PAY ITEMS	SQ-1B