

GUAM CONSOLIDATED COMMISSION ON UTILITIES

RESOLUTION NO. 37-FY2016

RELATIVE TO APPROVAL FOR THE DESIGN-BUILD OF NORTHERN DISTRICT WASTEWATER TREATMENT PLANT SERVICE AREA WASTEWATER PUMP STATION IMPROVEMENTS PROJECT

WHEREAS, under 12 G.C.A. § 14105, the Consolidated Commission on Utilities ("CCU") has plenary authority over financial, contractual, and policy matters relative to the Guam Waterworks Authority ("GWA"); and

WHEREAS, the Guam Waterworks Authority ("GWA") is a Guam Public Corporation established and existing under the laws of Guam; and

WHEREAS, GWA currently has a number of important USEPA State Revolving Fund projects including the rehabilitation of gravity sewer mains in the southern and central wastewater districts; and

WHEREAS, the intent of the project is to improve and modernize seven critical wastewater pump stations in the northern wastewater district so that their reliability and operating life are extended; and

WHEREAS, GWA has advertised the Invitation to Bid (IFB-01-ENG-2016) for the Design-Build of Northern District WWTP Service Area Wastewater Pump Station Improvements soliciting bid proposals from experienced and responsive bidders to design and construct repairs and upgrades at seven (7) wastewater pump stations in the northern portion of the island, namely the Macheche, Ypaopao, Astumbo, Fujita, Santa Ana, Southern Link, and Route 16; and

WHEREAS, this phase of work consists of furnishing all labor, tools, equipment and materials, as well as coordination efforts with GWA Wastewater Operations to design and construct all components described in the bid solicitation for the seven (7) pump stations described above; and

 WHEREAS, IFB packages were picked up by fourteen (14) interested parties, from which GWA received bid proposals from three (3) of the fourteen parties (SEE EXHIBIT A – Abstract of Bids) before the bid proposals deadline; and

WHEREAS, GWA's project manager analyzed the bid proposal received on May 4, 2016 (SEE EXBHIBIT B- Evaluation) and determined that ProPacific Builder Corporation, who submitted the lowest bid as responsive and responsible and met all the bid requirement set forth by GWA; and

WHEREAS, GWA management seeks CCU approval of ProPacific Builder Corporation base bid proposal amount of One Million Two Hundred Sixteen Thousand One Hundred Forty Dollars (\$1,216,140.00); and Two Hundred Eighty Nine Thousand Six Hundred Twenty Dollars (\$289,620.00) for optional items for a total bid amount of One Million Five Hundred Five Thousand Seven Hundred Sixty Dollars (\$1,505,760.00), plus a ten percent (10%) contingency of One Hundred Fifty Thousand Five Hundred Seventy Six Dollars (\$150,576.00) to bring the total authorized funding amount to a maximum of One Million Six Hundred Fifty Six Thousand Three Hundred Thirty Six Dollars (\$1,656,336.00); and

WHEREAS, funding for this project will be from the USEPA State Revolving Fund;

NOW BE IT THEREFORE RESOLVED, the Consolidated Commission on Utilities does hereby approve the following:

- 1. The recitals set forth above hereby constitute the findings of the CCU.
- 2. The CCU finds that the terms of the bid proposal submitted by ProPacific Builder Corporation are fair and reasonable.
- 3. The CCU hereby authorizes the management of GWA to accept the bid proposal from ProPacific Builder Corporation attached hereto as EXHIBIT C, and which is incorporated into this Resolution in its entirety.
- 4. The CCU hereby further authorizes GWA management to enter into a contract with ProPacific Builder Corporation in the amount of One Million Five Hundred Five Thousand Seven Hundred Sixty Dollars (\$1,505,760.00).

5. The CCU hereby further approves the total funding amount for this project of One Million Five Hundred Five Thousand Seven Hundred Sixty Dollars (\$1,505,760.00), plus a ten percent (10%) contingency of One Hundred Fifty Thousand Five Hundred Seventy Six Dollars (\$150,576.00) to bring the total authorized funding amount to a maximum of One Million Six Hundred Fifty Six Thousand Three Hundred Thirty Six Dollars (\$1,656,336.00).

RESOLVED, that the Chairman certified and the Board Secretary attests to the adoption of this Resolution.

DULY AND REGULARLY ADOPTED, this 24nd day of May 2016.

Attested by:

JOSEPH T. DUENAS
Chairperson

Attested by:

J. GEORGE BAMBA
Secretary

I, J. George Bamba, Board Secretary of the Consolidated Commission on Utilities as evidenced by my signature above do hereby certify as follows:

The foregoing is a full, true and accurate copy of the resolution duly adopted at a regular meeting by the members of the Guam Consolidated Commission on Utilities, duly and legally held at a place properly noticed and advertised at which meeting a quorum was present and the members who were present voted as follows:

AYES: 4

NAYS: 0

ABSTENTIONS: 0

ABSENT: 2



GUAM WATERWORKS AUTHORITY ABSTRACT OF BIDS

Project Name: DESIGN-BUILD OF NORTHERN DISTRICT WWTP SERVICE AREA WASTEWATER PUMP STATIONS IMPROVEMENTS

11. 14. 12. œ 9 13. 10. Project Number: IFB-01-ENG-2015; S15-005-EPA BME & SONS INC. STANLEY CONSULTANTS MINTSHOW INTERNATIONAL LLC CANTON CONSTRUCTION CORP. **GWA Estimate** MAEDA PACIFIC CORP. PACIFIC RIM PROPACIFIC BUILDER REX INTERNATIONAL, INC. PROTECTIVE COATING SUPPLY AMORIENT ENGINEERING CORE TECH PERNIX RIM ARCHITECTS BLACK CONSTRUCTION CORPORATION **Bidders Name** 15 % OF TATAL 340 AM (2) WY 101 40 965, CIM TO UPO, PLIBOIT Section A-5 Bid Bond FIRE LINS Qualification Form Collusion Affidavit Certification 660 Segrageted Facilities CERTIFICATIONS Certification | Determinati Sex Offender Benefit Wage & Shareholders Affidavit Major Instructions to Bidders Bid Opening Date: Bid Opening Time: Special Addendum Ŋ May 4, 2016 3:00 p.m. **BASE BID AMOUNT** 1216,140 756670 182 692,436 **OPTIONAL ITEMS**

Bids Opened and Read by:

GWA Procurement Representative:

Witnesses:

(Name and Signature)

(Name and Signature)

(Name and Signature)

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HOST BY

Gloria Bensan

From: John Davis <jdavis@guamwaterworks.org>

Sent: Friday, May 13, 2016 10:30 AM

To: Gloria Bensan

Subject: Design-Build of Northern District Wastewater Pump Station Improvements / IFB-01-

ENG-2015; S15-005-EPA / IFB Results / ProPacific Builders Recommendation for Award

Gloria,

Bids were received and announced on May 4, 2016.

ProPacific has the lowest bid (of three):

Base Bid: \$1,216, 140; Optional Bid Items: \$289,620; Total Bid: \$1,505,760.

ProPacific was asked to provide the names and credentials of its design consultant. The persons named are qualified to perform the design work.

After a detailed, line-by-line analysis of the ProPacific Bid Form, several items were considered unusually low. ProPacific was contacted to verify whether they were comfortable with executing a contract with the bid amounts submitted. ProPacific affirmed its commitment to its bid prices.

I recommend that the Design-Build of Northern District Wastewater Pump Station Improvements / IFB-01-ENG-2015; S15-005-EPA / be awarded to ProPacific Builders, Inc.

Sincerely, John Davis

GUAM WATERWORKS AUTHORITY

J. McArthur Davis, PE
Civil Engineering Supervisor
671-300-6041

D-B Worthern District WWTP Service Area Wastewater Pump station Improvement

VPPENDIX A

BID PROPOSAL FORM

DATE:

TO: General Manager
Guam Waterworks Authority
Gloria B. Nelson Public Service Building
688 Route 15
Mangilao, GU 96913

Dear Sir/Madam:

The undersigned ("Bidder"), a CORPORATION (Corporation or partnership or individual), organized and/or licensed to do business under the laws of GUAM services and agrees to furnish all necessary labor, materials, equipment, tools and services necessary for the construction of the IFB-01-ENG-2016 Design-Build of Northern District WWTP Service Area Wastewater Pump Station Improvements; GWA Project No. S15-005-EPA in accordance with the Specifications and other Contract Documents herein for the sum of

(Bid Amount) оие місцои тwo нииряер sixteen thousand one hundredy forty dollars .

plus any and all sums to be added and/or deducted resulted from all extra and/or omitted work under a change order or Contract amendment under the unit and/or lump sum prices stated in the itemized proposal form attached hereto.

The undersigned has examined the location of the proposed work, the drawings, specifications and other Contract Documents and is familiar with the local conditions at the place where the work is to be performed, agrees to perform all work within the time set forth; herein and the price stated in their bid.

The Bid Guaranty attached hereto without endorsement, in the sum of not less than fifteen percent (15%) of the highest amount the total aggregate bid, is furnished to the Guam Waterworks Authority as a guarantee that the Agreement will be executed and a Performance and Payment Bond and proof of insurance and other requirements set forth in the bid, in the undersigned is the lowest responsible and responsive bidder. In the event that this Bid is accepted, and the undersigned by GWA; (2) execute the Contract on terms and conditions acceptable to GWA; and the undersigned by GWA; (2) execute the Contract on terms and conditions acceptable to GWA; (3) furnish a satisfactory performance and Payment Bond under the conditions and within the time specified in this Proposal, the equivalent amount of the Proposed Guaranty within the time specified in this Proposal, the delay and additional work and costs caused shall be forfeited, as liquidated damages for the delay and additional work and costs caused thereby in obtaining another bidder, said amount being beforehand determined as being treasonable and containing no penalties.

D-B Northern District WWTP Service Area Wastewater Pump station Improvement

If written notice that the bidder is the lowest responsible and responsive bidder, and such notice is mailed, telegraphed or delivered to the undersigned within one hundred and twenty (120) days after the opening thereof, the undersigned agrees to execute the a Contract on terms and conditions acceptable to GWA, and to furnish a Performance and Payment Bond in an amount equal to one hundred percent (100%) of the Contract Amount, within twenty (20) days after receipt of such notice.

The undersigned hereby acknowledges receipt of the following Addenda:

Addendum No. 1
Addendum No. 2
Addendum No. 3

If awarded the Contract, the undersigned agrees to complete the work within 364 calendar days following the execution of the Contract by all parties thereto and the issuance of the Notice to Proceed from GWA.

Attached hereto are the following: (1) an affidavit in proof that the undersigned has not entered into any collusion with any person in respect to this proposal or any other proposal or the submitting of proposals for the Contract for which this bid is submitted; (2) proof of licensure on Guam to conduct the services specified in the bid; (3) proof of insurance in the licensure on Guam to conduct the services specified in the bid; including certificates and a copy of the complete policies which indicates coverages and exclusions; (4) Certification of Non-Employment of Convicted Sex Offenders; and (5) any other document requested under per the Bid Specifications.

The undersigned understands that the Guam Waterworks Authority reserves the right to reject any or all Proposals or to waive any informality or technicality in any Proposal in the interest of GWA.

RESPECTFULLY SUBMITTED BY: PROPACIFIC BUILDER CORPORATION

ДБО Route 8 Suite 202 Hanam Plaza, Barrigada, Guam

(BUSINESS ADDRESS)

Design-Build of Northern District WWTP Service Area Wastewater Pump Station Improvements
GWA Project No. S15-005-EPA
BID FORM

Description Drawings/Specifications* B	5,158.00			gates		
Description Preliminary Drawings/Specifications* B	11 11 11 11 11 11 11 11 11 11 11 11 11	02515. Division 3	C-YP-1, C-YP-2, C-YP-3.	Provide access driveways to both front	γP-1	2.08
Description	1,725.00	-	M-YP-2, M-SD-1	Post additional signage related to safety, as applicable	YP-33	2.07
Description Drawings/Specifications*	6,210.00	Division 16, 01179	E-YP-1, E-YP-2, E-YP-3, E- YP-4	Work Ypaopao sump pump system - Electrical	γρ-29-E	2.06
Description Drawings/Specifications*	13,386.00	11303, Division 13,09909	M-YP-1, M-YP-2, 1-YP-1, M- SD-1	Install a new sump pump and control panel and provide cover/grating over sump pump pit	YP-29	2.05
Preliminary Drawings/Specifications* Description Preliminary Drawings/Specifications* Macheche Pump Station E-MA-1 Related Specification Procure one spare pump E-MA-1 11306, Division 16 Rehabilitate the wet well S-MA-1 Division 3, 03180 Procure one spare pump S-MA-1 Division 3, 03180 Procure one spare pump S-MA-1 Division 3, 03180 TOTAL F-Macheche Pump Station TOTAL Vpaopao Pump Station M-YP-1, M-YP-2, I-YP-1, S-1307, 09902, Division 3, 03180 TOTAL Vpaopao Standby pump - Electrical Work E-YP-1, E-YP-2, E-YP-3 Division 16 Division 13 E-YP-1, H-YP-2, H-YP-3, I-1300, 1340, YP-24, YP-28 Division 16	2,070.00		E-YP-1, E-YP-3, E-YP-4	Work Work	, in	2.04
Preliminary Drawings/Specifications* Description Preliminary Drawings/Specifications* Macheche Pump Station E-MA-1 1306, Division 16 Procure one spare pump 5-MA-1 Division 3, 03180 Rehabilitate the wet well 5-MA-1 Division 3, 03180 Ypaopao Pump Station M-YP-1, M-YP-2, I-YP-1, 5- 1307, 09902, Division 3, 0902, Division 3, 0902, Division 13 F Ypaopao standby pump - Electrical Work E-YP-1, E-YP-2, E-YP-3 Division 16	2,070.00		I-YP-1, H-YP-2, H-YP-3, I- SD-1	Install permanent gas and LEL monitors in the wet well	YP-25	2.03
Preliminary Drawings/Specifications* Description Preliminary Drawings/Specifications* Macheche Pump Station E-MA-1 11306, Division 16 Procure one spare pump S-MA-1 Division 3, 03180 Rehabilitate the wet well S-MA-1 Division 3, 03180 Vpaopao Pump Station M-YP-1, M-YP-2, I-YP-1, S-Division 3, Division 3, Divis	10,350.00	Division 16	E-YP-1, E-YP-2, E-YP-3	Ypaopao standby pump – Electrical Work	YP-12-E	2.02
Preliminary Drawings/Specifications* Macheche Pump Station Drawing(s) Related Specification Procure one spare pump E-MA-1 11306, Division 16 B Rehabilitate the wet well S-MA-1 Division 3, 03180 Ypaopao Pump Station TOTAL	38,054.00	11307, 09902, Division 3, Division 13	M-YP-1, M-YP-2, I-YP-1, S- SD-1	Install one new standby pump	YP-12	2.01
Preikminary Drawings/Specifications* Macheche Pump Station Drawing(s) Related Specification Procure one spare pump E-MA-1 11306, Division 16 B Rehabilitate the wet well S-MA-1 Division 3, 03180 TOTAL				Ypaopao Pump Station		2.0
Preliminary Drawings/Specifications* Description Drawing(s) Related Specification Macheche Pump Station E-MA-1 11306, Division 16 Procure one spare pump E-MA-1 Division 3, 03180	87,870.00	TOTAL				
Description Description Drawings/Specifications* Drawing(s) Related Specification Procure one spare pump E-MA-1 11306, Division 16	69,000.00	Division 3, 03180	S-MA-1	Rehabilitate the wet well	MA-18	1.02
Preliminary Drawings/Specifications* Drawing(s) Related Specification	15,870.00	11306, Division 16	E-MA-1	Procure one spare pump	MA-6	1.01
Preliminary Drawings/Specifications* Drawing(s) Related Specification				Macheche Pump Station		1.0
Preliminary Drawings/Specifications*	in	Related Specification	Drawing(s)			
	Bid	ngs/Specifications*	Pre#minary Drawl	Description	8	o.

Addendum No. 3

132,559.00	TOTAL				
15,870.00	Division 16, 09902, 01179 (also see Descriptions)	E-A1-1, E-A1-2, E-A1-3	Replace the control cabinet enclosure	A1-14	3.06
4,140.00	16020,01179	E-A1-1, E-A1-3	Astumbo 1 intrusion detection system - Electrical Work	A1-1-E	3.05
1,035.00	13340, Division 13	I-A1-1, I-SD-1	install intrusion detection system	A1-1	3.04
1,035.00	10400, 16492, 19902, 01179	C-A1-1, M-SD-1	Post signage related to safety, as applicable	A1-28	3.03
5,520.00	Division 16	E-A1-1, E-A1-2, E-A1-3	Astumbo 1 flowmeter – Electrical Work	A1-13-E	3.02
104,959.00	13340, 02605, Division 13, Division 15	C-A1-1, I-A1-1, I-SD-1	Install a flow meter	A1-13	3.01
			Astumbo Pump Station		3.0
207,915.00	TOTAL				
22,356.00	16020, Division 16 (also see Descriptions)	E-YP-1, E-YP-2, E-YP-3, E- YP-4	pit pit	YP-21	2.13
17,250.00	Division 15(also see Descriptions)	C-YP-2	from the wet well space	γP-30	7.1.7
17,250.00	Division 2 (alsa see Descriptions)	C-YP-2	Install drainage system	ΥP-3	7.11
17,250.00	16020, Division 16 (also see Descriptions)	E-YP-1, E-YP-2, E-YP-4	Install several lights in the wet well	YP-22	01.2
54,786.00	Division 15, Division 16, 01179 (also see Descriptions)	H-YP-1, H-YP-2, H-YP-3, H- YP-4, E-YP-1, E-YP-2, E-YP- 4, I-YP-1, H-SD-1	rpaopao pump station ventilation system improvements and related electrical upgrades	24/28	2.03
\$	Related Specification	Drawing(s)		5	3
86	Preliminary Drawings/Specifications*	Preliminary Drawh	Description	5	No.

211,871.00	TOTAL				
18,354.00	(also see Descriptions)		Fomp station maintenance painting	1	7.11
13,800.00	11281 (also see Descriptions)	M-FJ-2	Inlet sluice gate repairs	E)-22	4.10
2,760.00	Division 3 (also see Descriptions)	M-FJ-2, S-SD-1	Repair leak on the southwest corner of the west wall	FJ-28	4.09
129,858.00	Descriptions)	4, E-FJ-1, E-FJ-2, E-FJ-3, I- FJ-1, H-SD-1	improvements and related electrical upgrades	21/29/	
					4 N7
14,393.00	06500, Division 3, Division 5	S-FJ-2	Replace grating over channels in the wet well	17-23	4.05
20,700.00	Division 3, Division 5	S-FJ-2	Hoist support system modifications	FJ-36	4.04
5,520.00	05515, Division 3, Division 5	S-FJ-1, S-FJ-2	install new metal stairs for access to the wet well	13-/	4.03
3,036.00	16020, Division 16, 01179	E-FJ-1, E-FJ-3	Fujita LEL gas monitors - Electrical Work	FJ-24-E	4.02
3,450.00	13300, 13340, FJ-21, FJ-29 and FJ-37	I-FJ-1, H-YP-2, I-SD-1	Install permanent gas and LEL monitors in the wet well	FJ-24	4.01
			Fujita Pump Station	:	4.0
t n	Related Specification	Drawing(s)			×
Pid	ngs/Specifications*	Preliminary Drawings/Specifications*	Description	8	NO.

270,882.00	TOTAL				
4,140.00	(see Descriptions)	C-SA-1	Improve on-site drainage to route storm flows away from the building	SA-6	5.09
22,080.00	10200, 09902	M-SA-1, M-SA-2	Install two new fixed louvers	SA-9	5.08
6,837.00	13340, Division 13	M-SA-2, I-SA-1, I-SD-1	Install a new float assembly with three control floats in the wet well	SA-15	5.07
1,173.00	10400, 16492, 09902,01179	M-SA-2, M-SD-1	Post signage related to safety, as applicable	SA-27	5.06
3,450.00	Division 3, Division 5	S-SA-1	Remove the corroded steel top and install guardrails around the wet well	5A-24	5.05
106,301.00	Division 16	E-SA-4	Install a new standby generator, fuel tank and ATS outside the building	SA-19	5.04
21,000.00	Addendum 3, Item 2	S-5A-1	Concrete generator and electrical equipment building		5.03- A
43,111.00	Division 16, 01179	E-SA-1, E-SA-2, E-SA-3, E- SA-4	Relocate all electrical equipment outside the building and remove the old generator	SA-8	5.03
31,050.00	Division 16, 09902, 01179	S-SA-1, E-SA-1, E-SA-2, E- SA-3, E-SA-4	Replace several cabinets and mount outside in electrical shed	SA-21	5.02
31,740.00	11304, Division 13, Division16,01179	M-SA-1, M-SA-2, E-SA-1, E- SA-2, E-SA-4, I-SA-1	Install two new pumps and control panels	SA-11	5.01
4			Santa Ana Pump Station		5.0
^	Related Specification	Drawing(s)			
Bid	Preliminary Drawings/Specifications*	Preliminary Drawi	Description	8	No.

Suthern Pump Station SI-1-I Install Intrusion detection system - I-SL-1, I-SD-1 SI-1-E Southern Link intrusion detection system - E-SI-1, E-SI-4 Electrical Work SI-30 Repaint guard rails and replace grating at Electrical Work SI-31 Install two new sump pump station SI-33 Post additional signage related to safety, Install two new sump pumps in the basement sump pit and new disconnect switches on the ground level floor SI-31-E Southern Link sump pump system - E-SI-1, M-SI-2, I-SI-1, I-SI-1, M-SI-2, I-SI-1, I-SI-1, I-SI-1, I-SI-1, I	,	8	Description	Preliminary Drawings/Specifications*	s/Specifications*
SL-1 Install intrusion detection system - SL-1, I-SD-1 SL-1-E Southern Link intrusion detection system - E-SL-1, E-SL-4 Electrical Work SL-30 Repaint guard rails and replace grating at mezzanine level of pump station SL-31 Post additional signage related to safety, as applicable install two new sump pumps in the basement sump pit and new disconnect switches on the ground level floor SL-31-E Southern Link sump pump system - E-SL-1, M-SL-2, I-SL-1, M-SD-1 all four plug valves with new flexible extensions and operators on the ground level floor SL-21 Relocate VFDs to the air conditioned electrical room electrical room safety, all four plug valves with new flexible extensions and operators on the ground electrical room electrical room safety floor SL-21 Pump station maintenance painting				Drawing(s)	Related Specification
SL-1 Install Intrusion detection system - SL-1, I-SD-1 SL-1-E Southern Link intrusion detection system - E-SL-1, E-SL-4 Electrical Work SL-30 Repaint guard rails and replace grating at mezzanine level of pump station SL-33 Post additional signage related to safety, as applicable basement sump pumps in the basement sump pit and new disconnect switches on the ground level floor SL-31 Install two new sump pumps system - E-SL-1, M-SL-2, I-SL-1, M-SD-1 switches on the ground level floor SL-31-E Southern Link sump pump system - E-SL-1, E-SL-2, E-SL-3, E-SL-4 Electrical Work SL-10 Replace operator extension equipment for all four plug valves with new flexible extensions and operators on the ground level floor SL-21 Relocate VFDs tothe air conditioned E-SL-1, E-SL-2, E-SL-4 electrical room 1 SL-(TG)- Pump station maintenance painting -	6.0	ı	Southern Pump Station		
SI-1-E Southern Link intrusion detection system - E-SI-1, E-SI-4 Electrical Work SI-30 Repaint guard rails and replace grating at mezzanine level of pump station SI-31 Post additional signage related to safety, as applicable SI-31 Install two new sump pumps in the basement sump pit and new disconnect switches on the ground level floor SI-31-E Southern Link sump pump system - E-SI-1, E-SI-2, E-SI-3, E-SI-4 Electrical Work SI-10 Replace operator extension equipment for all four plug valves with new flexible extensions and operators on the ground level floor SI-21 Relocate VFDs tothe air conditioned electrical room 1 SI-(TG)- Pump station maintenance painting -	6.1	SL-1	Install intrusion detection system	I-SL-1, I-SD-1	13340, Division 13
St-30 Repaint guard rails and replace grating at mezzanine level of pump station St-33 Post additional signage related to safety, as applicable St-31 Install two new sump pumps in the basement sump pit and new disconnect switches on the ground level floor St-31-E Southern Link sump pump system - Electrical Work St-10 Replace operator extension equipment for all four plug valves with new flexible extensions and operators on the ground level floor St-21 Relocate VFDs tothe air conditioned E-St-1, E-St-2, E-St-4 electrical room 1. St-(TG)- Pump station maintenance painting 1. St-(TG)- Pump station maintenance	6.2	SL-1-E	Southern Link intrusion detection system - Electrical Work	E-SL-1, E-SL-4	16020, 01179
SL-30 Repaint guard rails and replace grating at mezzanine level of pump station SL-33 Post additional signage related to safety, as applicable SL-31 Install two new sump pumps in the basement sump pit and new disconnect switches on the ground level floor SL-31-E Southern Link sump pump system - Electrical Work SL-10 Replace operator extension equipment for all four plug valves with new flexible extensions and operators on the ground level floor SL-21 Relocate VFDs tothe air conditioned electrical room SL-(TG)- Pump station maintenance painting					
SL-33 Post additional signage related to safety, as applicable SL-31 Install two new sump pumps in the basement sump pit and new disconnect switches on the ground level floor SL-31-E Southern Link sump pump system - Electrical Work SL-31-B Replace operator extension equipment for all four plug valves with new flexible extensions and operators on the ground level floor SL-21 Relocate VFDs tothe air conditioned electrical room SL-(TG)- Pump station maintenance painting SL-(TG)- Pump station maintenance painting SL-(TG)- Pump station maintenance painting		SI-30	Renaint guard rails and renlace grating at	C-81-1	00011
SL-33 Post additional signage related to safety, as applicable SL-31 Install two new sump pumps in the basement sump pit and new disconnect switches on the ground level floor SL-31-E Southern Link sump pump system - E-SL-1, E-SL-2, E-SL-3, E-SL-4 Electrical Work SL-10 Replace operator extension equipment for all four plug valves with new flexible extensions and operators on the ground level floor SL-21 Relocate VFDs tothe air conditioned electrical room 1 SL-(TG)- Pump station maintenance painting -		26-20	mezzanine level of pump station	7-71-1	09011,
SL-31 Install two new sump pumps in the basement sump pit and new disconnect switches on the ground level floor SL-31-E Southern Link sump pump system - E-SL-1, E-SL-2, E-SL-3, E-SL-4 Electrical Work SL-10 Replace operator extension equipment for all four plug valves with new flexible extensions and operators on the ground level floor SL-21 Relocate VFDs tothe air conditioned electrical room SL-(TG)- Pump station maintenance painting 1 SL-(TG)- Pump station maintenance painting		SL-33	Post additional signage related to safety, as applicable	M-SL-2, M-SD-1	10400, 16492, 09902 01179
SL-31-E Southern Link sump pit and new disconnect SL-31-E Southern Link sump pump system - Electrical Work SL-10 Replace operator extension equipment for all four plug valves with new flexible extensions and operators on the ground level floor SL-21 Relocate VFDs tothe air conditioned electrical room SL-(TG)- Pump station maintenance painting 1 SL-(TG)- Pump station maintenance painting SL-(TG)- Pump station maintenance painting		SL-31	install two new sump pumps in the	M-SL-1, M-SL-2, I-SL-1, M-SD-	11303, Division 13,09902
SL-31-E Southern Link sump pump system - Electrical Work SL-10 Replace operator extension equipment for all four plug valves with new flexible extensions and operators on the ground level floor SL-21 Relocate VFDs tothe air conditioned electrical room SL-(TG)- Pump station maintenance painting 1 E-SL-1, E-SL-2, E-SL-4 E-SL-1, E-SL-2, E-SL-4			basement sump pit and new disconnect switches on the ground level floor		
SL-10 Replace operator extension equipment for all four plug valves with new flexible extensions and operators on the ground level floor SL-21 Relocate VFDs to the air conditioned electrical room SL-(TG)- Pump station maintenance painting 1 SL-(TG)- Pump station maintenance painting		SL-31-E	Southern Link sump pump system -	E-SL-1, E-SL-2, E-SL-3, E-SL-4	Division 16, 01179
SL-10 Replace operator extension equipment for all four plug valves with new flexible extensions and operators on the ground level floor SL-21 Relocate VFDs to the air conditioned electrical room SL-(TG)- Pump station maintenance painting 1 SL-(TG)- Pump station maintenance painting			Electrical Work		
extensions and operators on the ground level floor SL-21 Relocate VFDs tothe air conditioned electrical room SL-(TG)- Pump station maintenance painting 1	6.9	SL-10	Replace operator extension equipment for all four ning valves with new flexible	M-SL-1, M-SL-2	Division 15
SL-21 Relocate VFDs tothe air conditioned E-SL-1, E-SL-2, E-SL-4 electrical room SL-(TG)- Pump station maintenance painting 1			extensions and operators on the ground		
SL-21 Relocate VFDs tothe air conditioned E-SL-1, E-SL-2, E-SL-4 electrical room SL-(TG)- Pump station maintenance painting -			level floor		
SL-(TG)- Pump station maintenance painting -	6.10	SL-21	Relocate VFDs tothe air conditioned electrical room	E-SL-1, E-SL-2, E-SL-4	(see Descriptions)
	6.11	SL-(TG)-	Pump station maintenance painting	ė	09011, 09902 Division 9
					10000

No.	Description	Preliminary Drawings/Specifications*	s/Specifications*
		Drawing(s)	Related Specification
7.0	Route 16 Pump Station		
7.1 R16-21	Repair existing monorail support connections and install additional supports for the monorail	S-R16-1	Division 3
7.2 R16-17		I-R16-1, I-SD-1	13300, 13340, R16-15, R16-20
7.3 R16-17- E	7- Route 16 LEL gas monitors - Electrical Work	E-R16-1, E-R16-3	16020, Division 16, 01179
7.4 R16- 15/20	Route 16 pump station ventilation system improvements and related electrical upgrades	H-R16-1, H-R16-2, H-R16-3, H-R16-4, E-R16-1, E-R16-2, E- R16-4, I-R16-1, H-SD-1	Division 15, Division 16,01179 (also see Descriptions)
			TOTAL
		TOTAL BASE	TOTAL BASE BID AMOUNT (ITEMS 1-7)
TOTAL	ONE MILLION TWO DI NIDDED CIVTEEN THOUGS ONE HI NIDDED COTY DOLLARS		
ОРПО	OPTIONAL ITEMS		
4,6 FJ-10	Replace two ball centric plug valves (Nos. 2 and 3) with new valves with chain operators at Fujita	M-FJ-1	15100
4.8 FJ-14	Repair 14-inch plug valve to stop leakage at Fujita	M-FJ-2	15100, Division 15, (also see Descriptions
6.3 SL-19	Install four new flow meters on Southern Link pump discharge lines	M-SL-1, M-SL-2, I-SL-1	13340, Division 13,

No.	6	Description	Preliminary Drav	Preliminary Drawings/Specifications*	Bid
			Drawing(s)	Related Specification	A
6.4	SL-19-E	SL-19-E Southern Link flow meters - Electrical Work	E-SL-1, E-SL-2, E-SL-3	Division 16	15,000.00
7.5	R16-14	R16-14 Perform a structural evaluation and rehabilitation of Route 16 wet well	S-R16-2	Division 3 (also see Descriptions)	110,400.00

as background information. However, the bidder *Relevant preliminary drawings/technical specifications applicable to the bid item are listed for reference and

shall be responsible for reviewing the entire bidding package including, all Contract Documents, Preliminary **Drawings, Specifications, and Performance**

Base Bid. Contract will be awarded to the lowest responsive and responsible bidder with the lowest amount for the Total