Project No: Project Name: Location: Department: Account No:	ject Name: Lift Station Rehab - Phase 1 & 2 various Lift Stations 401 Sewer					Date Contact Project Start ject Complete oject Estimate	t: t: v:	04/27/18 JP Castro 10/01/16 05/01/25 10,000,000
			_			inding to Date		2,700,000
Project Descrip	tion/Justificati	ion:						
In 2014 CH2M fin	alized a lift statio	n assessment of	all 26 City sanita	ry lift stations. Th	ne estimated bud	get to keep the l	ift stati	ons in good
working order is a	approximately \$10	0,000,000 over t	he next 10 years	. The immediate	needs include var	rious pumps and	valves	at different
stations and a cor	nplete rehabilitat	tion of Lift Statio	n "H."					
Reasons for Fu	ındina Modifica	ation (if applic	able).					
	mamy mounte	ation (ii appilo	abioj.					
Operating Impa	act:			Related Proje	ects:			
				nase Summary				
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23		
Design	\$ 300,000							
Construction	\$ 2,400,000							
	1	Φ.					_ _	0.700.000
lota	\$ 2,700,000	-	\$ -	\$ -	- \$	\$	- \$	2,700,000
				ource Summary				
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23		
City	\$ 2,565,000							
Navy	\$ 135,000		ļ			ļ	4	
				-				

Project No:	SE35	5031701					Date:	07/16/18
Project Name:	Efflue	ent Pump	FP 3-1 Control	=			Contact:	JP Castro
Location:				=			Project Start:	12/01/16
Department:	Utiliti	es - Sewe	r	=		Pro	ject Complete:	09/30/19
Account No:	401-3	3503-535-	6300	=		Pro	oject Estimate:	\$ 56,356
				_		Project Fu	inding to Date:	\$ 56,356
Project Descrip	tion/、	Justificati	on:					
Design, FP-3-1- PL	C to rı	ın the efflu	ent pumps.					
Reasons for Fu	nding	y Modifica	ition (if applica	able):				
Operating Impa	ct:				Related Proje	ects:		
				Project Ph	ase Summary			
Phase	Coı	mmitted	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	
Design	\$	56,356						
Construction								
Total	\$	56,356	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 56,356
				Funding So	urce Summary			
Phase	Coı	mmitted	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	
Sewer	\$	56,356						
Total	∥\$	56,356	- 1	\$ -	\$ -	\$ -	\$ -	\$ 56,356

Project No:	SE35031801					Date		07/16/18
Project Name:	Aeration Basin	Blower	_			Contact		JP Castro
Location:	WWTP		-			Project Start	:	05/15/17
Department:	Utilities - Sewe	er	-		Pro	ject Complete		09/30/19
Account No:	401-3503-535-	6500	_		Pr	oject Estimate	\$	750,000
			_			inding to Date		750,000
Project Descrip	otion/Justificati	on:			•			
The Aeration Basi	in Blower system	requires a third	blower to throttle	e aeration and as	a back up for red	dundency.		
Reasons for Fu	unding Modifica	ation (if applic	able):					
Operating Impa	act:			Related Proje	ects:			
<u> </u>				1				
				ase Summary				
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23]	
Design	\$ 100,000						1	
Construction	\$ 650,000						1	
]	
Tota	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$	750,000
				urce Summary	,			
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23]	
Sewer	\$ 577,500						1	
Navy	\$ 172,500]	
Tota	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$	750,000

Project No:	SE35031802					Date:		0//16/18
Project Name:	Directional Bor	e Influent Force	Main			Contact:		JP Castro
Location:	Fleming Key B	ridge	•			Project Start:		11/01/17
Department:	Utilities - Sewe		•		Pro	ject Complete:		09/30/19
Account No:	401-3503-535-	6500	•		Pro	ject Estimate:	\$	2,330,000
			•		Project Fu	nding to Date:	\$	380,000
Project Descrip	tion/Justificati	on:			-	_		
This project reloca	ates the influent f	force main over t	he Fleming Key b	ridget to under t	he bridge to mit	gate the risk of a	broke	n main if
damage were to o				_	_			
Reasons for Fu	nding Modifica	ation (if applica	able):					
Operating Impa	ict:			Related Proje	ects:			
				ase Summary			_	
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	1	
Design	\$ 380,000						1	
Construction		\$ 1,950,000					1	
							1	
Total	\$ 380,000	\$ 1,950,000	\$ -	\$ -	\$ -	\$ -	\$	2,330,000
			Funding Sou	urce Summary			_	
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23		
Sewer	\$ 292,600	\$ 1,501,500						
Navy	\$ 87,400	\$ 448,500						
-								
Total	\$ 380,000	\$ 1,950,000	\$ -	\$ -	\$ -	\$ -	\$	2,330,000

Project No:	SE35031803					Date	:	07/16/18
Project Name:	Lift Station "E"	Generator	_			Contact	:	JP Castro
Location:	Lift Station "E"	Generator	_			Project Start		10/01/17
Department:	Utilities - Sewe	er	_		Pro	ject Complete	:	09/30/19
Account No:	401-3503-535-	-6500			Pr	oject Estimate	\$	250,000
			_			unding to Date		250,000
Project Descrip	otion/Justificati	ion:			-	_		
Replace generato								
Reasons for Fu	ınding Modifica	ation (if applic	able):					
Operating Impa	act:			Related Proje	orts:			
	101.							
			Dualant Dh	See Summeru				
Phase	Committed	FY18/19	FY 19/20	ase Summary FY 20/21	FY 21/22	FY 22/23	٦	
Design	\$ 35,000	1110/13	1113/20	1120/21	1121/22	I I ZZ/ZS	1	
Construction	\$ 215,000		1			1	1	
Construction	Ψ 210,000				1		-	
							1	
Tota	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$	250,000
			Funding So	urce Summary	,			
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	1	
Sewer	\$ 237,500							
Navy	\$ 12,500]	
							_	
Total	\$ 250,000	<u>e</u>	<u> </u>	\$ -	\$ -	\$ -	↓	250 000
iota	ı∥ φ ∠5∪,∪∪U	∥ Φ -	\$ -	- \$	∥ ⊅ -	∥ ⊅	\$	250,000

Project No:	SE35031804					07/16/18		
Project Name:	Sanitary Sewe	r Modeling	_			Contact:		JP Castro
Location:	WWTP		_			Project Start:		10/01/17
Department:	Utilities - Sewe	r	- -		Pro	ject Complete:		09/30/18
Account No:	401-3503-535-	6500	_		Pr	oject Estimate:	\$	300,000
			_		Project Fu	unding to Date:	\$	300,000
Project Descrip	tion/Justificati	on:						
The City is lacking	up to date histor	ical documentat	ion and modeling	g of the sanitary s	ewer system. M	odeling would be	invalu	able to City
staff and all future	e engineering effo	orts for replacem	nent and rehabilit	cation of the syste	em. The project	will provide delive	rables	including GIS
data for google ov	erlay of all 40 mi	les of pipe and a	ccurate flow moi	nitoring for wet a	nd dry weather.			
Reasons for Fu	ınding Modifica	ation (if applica	able).					
110400110 101 1 4	mamy mounte	tion (ii applie	45.57.					
Operating Impa	ict:			Related Proje	cts:			
][
				ase Summary			_	
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23		
Design	\$ 300,000							
T-1-1	* 000 000	•	_				φ.	000 000
Total	\$ 300,000	\$ -	\$ -	\$ -	\$ -	- \$	\$	300,000
				urce Summary			_	
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23		
Sewer	\$ 282,000							
Navy	\$ 18,000							
			<u> </u>					
Total	\$ 300,000	•	\$ -		\$ -		æ	300 000
intal			II TO -		II Th -			5000 (000)

Project No:	SE35031805					Date:		07/16/18
Project Name:	Lift Station "A"		_			Contact:		JP Castro
Location:	Lift Station "A"	Generator	_			Project Start:		04/15/17
Department:	Utilities - Sewe		_		Pro	ject Complete:		09/30/19
Account No:	401-3503-535-	6500	_		Pro	oject Estimate:	\$	350,000
			_		Project Fu	inding to Date:	\$	350,000
Project Descrip	tion/Justificati	on:						
The generator for	lift station "A" is	past it's useful li	ife, 1986 model,	and needs to be i	eplaced. The nev	v generator will r	equire	design to
bring the foundat	ion up to current	wind and FEMA	codes. The gene	rator will also red	uire sound atter	uation.	•	
Reasons for Fu	ındina Modifica	ition (if applic	ahle):					
		mon (ii appiio	asioj.					
Operating Impa	ict:			Related Proje	ects:			
			Project Ph	ase Summary				
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	1	
Design	\$ 50,000						1	
Construction	\$ 300,000						1	
	, ,						1	
							1	
Total	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$	350,000
			Funding So	urce Summary	,		Į .	
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	1	
Sewer	\$ 332,500						1	
Navy	\$ 17,500						1	
1 10.1)	÷ 11,300						1	
							1	
Total	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$	350,000

Project No:	SE35041701					Date:		07/16/18
Project Name:	Repair at Deep	o Well 1	_			Contact:		JP Castro
Location:	WWTP		_			Project Start:		10/01/17
Department:	Utilities - Sewe	er	_		Pro	ject Complete:		09/30/19
Account No:	401-3504-535-		_			ject Estimate:	\$	150,000
			_			inding to Date:		150,000
Project Descrip	otion/Justificati	ion:						
The flange at the	base of the deep	injection well nu	ımber 1 has spru	ng 2 leaks. The lea	ak repair will hav	e to be designed	and the	well head
will have to be re	moved with a cra	ne to be fixed.						
Reasons for Fu	ınding Modifica	ation (if applic	able):					
Operating Impa	act:			Related Proje	rts:			
	101.			Related Froje	013.			
			Project Ph	ase Summary				
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	1	
Design	\$ 15,000							
Construction	\$ 135,000							
Tota	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$	150,000
			Funding So	urce Summary				
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	A	
Sewer	\$ 34,500							
Navy	\$ 115,500							
Tota	\$ 150,000	I \$ -	\$ -	\$ -	\$ -	\$ -	\$	150,000

Project No:	SE35041801					Date		07/16/18
Project Name:	WWTP Energy	Efficiency Mas	ster Plan			Contact		JP Castro
Location:	WWTP		_			Project Start		10/01/17
Department:	Utilities - Sewe	er	_		Pro	ject Complete		09/30/19
Account No:	401-3504-535-	3100	_		: \$	80,000		
			_			inding to Date		80,000
Project Descrip	otion/Justificati	on:			-	_		
Assessment to cre			olan for the waste	ewater treatment	plan. The City's	WWTP is one of	the larg	est electricity
users in all of Key					,		J	Í
accioni un ci ile,	тост т.рр. сл. ф		,.					
Bassans for E	unding Madifica	ation /if applie	abla\.					
Reasons for Fu	inding Wodifica	ation (if applic	abie):					
Operating Impa	act:			Related Proje	ects:			
- p				\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\				
			Project Ph	ase Summary				
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	1	
Design	\$ 80,000			ľ			1	
Construction							1	
Tota	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$	80,000
			Funding So	urce Summary	,			
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	1	
Sewer	\$ 61,600						1	
Navy	\$ 18,400							
Tota	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$	80,000

Project No:	IRD					Date:		04/2//18
Project Name:	Compressor D	eep Well Hydro	Tank			Contact:		JP Castro
Location:	WWTP		_			Project Start:		10/01/18
Department:	401 Sewer		-		Pro	ject Complete:		09/30/19
Account No:	401-3504-535-	·6500	-		Pro	ject Estimate:	\$	100,000
			-		Project Fu	nding to Date:	\$	-
Project Descrip	otion/Justificati	on:						
The compressor t	hat maintains pre	essure on the dee	p well is past its	useful life and ne	eds to be replac	ed. The compres	sor keep	s pressure
on a separate tan	k connected to th	ne wells so that w	hen the deep we	ell pumps kick on	there is not a ra	oid increase in pr	essure o	n the
system.			·			•		
,								
Reasons for Fu	ındina Modifica	ation (if applica	able).					
	mamy mounted	ation (ii appliot	, in the second					1
Operating Impa	act:			Related Proje	cts:			
			Project Pha	ase Summary				
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23		
Construction		\$ 100,000						
						_	1	
Tota	-	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$	100,000
				urce Summary				
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23		
City		\$ 77,000						
Navy		\$ 23,000						
							_	
							1	
Tota	 \$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$	100,000

Project No:	IRD					Date):	04/27/18
Project Name:	Lift Station Rel	nab - Phase 3	-			Contact	t:	JP Castro
Location:	WWTP		-			Project Start	t:	10/01/18
Department:	401 Sewer		-		Pro	ject Complete		08/15/19
Account No:	401-3503-535-	6500	-		Pr	oject Estimate): \$	1,000,000
			-			inding to Date		
Project Descrip	otion/Justificati	on:			•	•		
Third Phase of the			project from the	2015 system ass	essment by CH2	M Hill Engineers		
	2 20 , 00 00.		p. 0,000 0 t0				•	
Decree for F			-1-1-\					
Reasons for Fu	inding Modifica	ation (if applica	abie):					
Operating Impa	act:			Related Proje	ects:			
				1				
			Project Pha	ase Summary				
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23		
Design		\$ 200,000						
Construction		\$ 800,000						
Tota	-	\$ 1,000,000	\$ -	\$ -	\$ -	\$	- \$	1,000,000
			Funding So	urce Summary				
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23		
City		\$ 940,000	\$ -					
Navy		\$ 60,000						
Tota	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$.	- \$	1,000,000

Project No:	TBD					Date:		04/27/18
Project Name:	New Blower fo	r Solids Storage	e Tank			Contact:		JP Castro
Location:	WWTP		•			Project Start:		10/01/18
Department:	401 Sewer		•			ject Complete:		09/30/19
Account No:	401-3504-535-	6500				oject Estimate:		100,000
					Project Fu	inding to Date:	\$	-
Project Descrip	tion/Justificati	on:						
Design and install			itional blower for	r the solids storag	ge tank at the W\	NTP. The existing	blowe	r is at the
end of it's useful l	ife and is an old o	lesign which uses	more power tha	an new units.				
		Ü	'					
December for Fu	n din a Madifia	tion (if applied	alala\.					
Reasons for Fu	naing woaitica	ition (if applica	abie):					 1
Operating Impa	et:			Related Proje	cts:			
					0.0.			1
			Project Pha	ase Summary				
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	1	
							1	
Construction		\$ 80,000					1	
Design		\$ 20,000					1	
_								
Total	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$	100,000
			Funding So	urce Summary				
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23		
City		\$ 77,000						
Navy		\$ 23,000						
] _	
Total	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$	100,000

Project No:	TBD					Date:		04/27/18
Project Name:	RAS WAS Pun	np and Valve R	eplacement	Contact:				JP Castro
Location:	WWTP 401 Sewer			Project Start: Project Complete:				10/01/19
Department:								08/15/21
Account No:	401-3504-535-	-6500				oject Estimate:		1,250,000
			-		Project Fu	inding to Date:	\$	-
Project Descrip	otion/Justificati	ion:						
Replace the Retu	rn Activated Sludg	ge and Waste Act	ivated Sludge pu	mps and valves w	hich are original	to the plant and	over 2	20 years old.
They are past the	ir useful life.							
Reasons for Fu	ındina Modifica	ation (if annlica	phle).					
110030113 101 1 0	manig Moanice	ation (ii applice						
Operating Impa	act:			Related Proje	cts:			
			Project Pha	ase Summary			_	
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23]	
Design			\$ 250,000]	
Construction		\$ -		\$ 1,000,000				
							1	
		Φ	* • • • • • • • • • • • • • • • • • • •		•		1	4 050 000
Tota	-	\$ -	\$ 250,000	\$ 1,000,000	\$ -	\$ -	\$	1,250,000
				urce Summary			_	
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23		
City		\$ -	\$ 192,500	\$ 770,000			1	
Navy		\$ -	\$ 57,500	\$ 230,000			1	
							1	
			A 050 000	T. d. 000 000	•		1	4.050.000
Tota	I∥\$ -	\$ -	\$ 250,000	\$ 1,000,000	\$ -	\$ -	\$	1,250,000

Project No:	IRD		_			Date:		04/2//18	
Project Name:	WWTP			Contact: _ Project Start: _ Project Complete:				JP Castro	
Location:								10/01/18	
Department:								09/30/19	
Account No:	401-3504-535-6500				Pro	oject Estimate:	\$	500,000	
				Project Funding to Date:				-	
Project Descrip	otion/Justificati	on:			-	•			
Conveyor belts an			over 20 years ol	d, and past their	useful life.				
Reasons for Fu	ındina Modifica	ation (if applica	able).						
	mamy mounior	ation (ii appliot	1010).						
Operating Impa	ict:			Related Proje	cts:				
			Project Pha	ase Summary					
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23			
Construction		\$ 500,000							
Total	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$	500,000	
				urce Summary					
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23			
City		\$ 385,000							
Navy		\$ 115,000							
Total	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$	500,000	

Project No:	TBD					Date:		04/27/18
Project Name:	Third Effluent F	Pump				Contact:		JP Castro
Location:	WWTP					Project Start:		10/01/18
Department:	401 Sewer				Pro	ject Complete:		08/15/20
Account No:	401-3504-535-	-6500			Pro	ject Estimate:	\$	1,200,000
					Project Fu	inding to Date:	\$	-
Project Descrip	otion/Justificati	ion:						
Add third effluent	pump into existi	ng platform. This	will allow cycling	pumps for incre	ased efficiency, a	addition of a more	effic	ient pump,
redundancy wher	an existing pum	p goes down.						
		-						
D (E	l' B4 l'C'	4' ''6 1'						
Reasons for Fu	inding Modifica	ation (if applica	ble):					
Operating Impa	nct:			Related Proje	ote:			
Operating impa	ict.			Related 1 10je	cis.			
			Project Pha	se Summary				
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23		
Design		\$ 200,000						
Construction		\$ -	\$ 1,000,000					
Construction		Ψ	Ψ 1,000,000					
Total	\$ -	\$ 200,000	\$ 1,000,000	-	\$ -	\$ -	\$	1,200,000
	<u>u · </u>		Funding Sou	rce Summary				
Phase	Committed	FY18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	I	
City	Johnnitted	\$ 154,000	\$ 770,000	1 1 20/21	1 1 2 1/22	1 1 22/23		
Navy		\$ 46,000	\$ 230,000					
INAVy		Ψ -0,000	Ψ 230,000					
							1	
Total	\$ -	\$ 200,000	\$ 1.000.000	I \$ -	\$ -	\$ -	\$	1.200.000