

GLWA FY 2020-2024 CIP Ford Road Pumping Station, Pressure and Control Improvements

 Innovation Water MP Right Si Reliability/Redund NEWTP Repurposition 	Project Status Active zing CIP Type Project dancy Project New To CIP ng Image: Circle Circ	Ford Road Booster Pumping Station
Project Engineer/Ma	nager Timothy Kuhns	Budget Water
Ma	nager Grant Gartrell	Class Lvl 1 Water
Managing	Dept Water Eng	Class Lvl 2 SCC
Date Original Busines	ss Case Prepared 6/26/2014	Class LvI 3 Pump Station/Reservoir
Year Proje	ect Added to CIP 2014	Location Wayne County - Outside Detroit
		Fund and Cost Center Water - 5519-882111
Project Significance	Design of pressure and flow control equip at Ford Road water booster pumping stati	ment for efficient delivery of consistent pressures to wholesale customers on
Scope of Work	The work involves designing variable spee to better match water demands to efficie the service area.	d pumping equipment and controls on line and reservoir pumping units ntly provide consistent pressures and flows to wholesale customers in
Challenges	N/A - Under Procurement	
Project History	n/a	
Related Project	none	
Lookup Driver	7 - Financial	
Other Important Info	n/a	
Explanation	N/A - Under Procurement	



Ford Road Pumping Station, Pressure and Control Improvements

PM Weighted Score		
47.4		
Criteria	Score	Comment
Condition	2	
Efficiency and Innovation	4	
Financial	4	
0&M	3	
Performance (Service Level/Reliability)	3	
Public Benefit	3	
Public Health & Safety	1	
Regulatory (Environmental/Legal)	1	

RC Weighted

Score

43.4

Criteria	Score	Comment
Condition	2	
Efficiency and Innovation	3	
Financial	4	
0&M	2	
Performance (Service Level/Reliability)	3	
Public Benefit	3	
Public Health & Safety	1	
Regulatory (Environmental/Legal)	1	



132006 CIP#

Ford Road Pumping Station, Pressure and Control Improvements

Phase not applicable					Contract	NA		Stat	us Closed	d Out	
Title Prior Year Actual E	xpense	S									
Phase Budget Water						Cost A	llocati	on CTA			
Phase Status Closed	Out					Fundir	g Sour	ce			
Start Date							Fu	nd			
End Date						Useful Lif	e >20Yı	rs?			
Cost Estim	ation Ir	nformation			Tot. Fe	ederal Loa	n Amou	unt			
	5	Cost Est. C	ass		1	Program/A	llowan	ce Task	Information	1	
1/1/201	5	Cost Est. D	ate	Р	roject Manag	ər					
CDM Smith		Cost Est. So	ource	C	CIP Number						
CDM Smith		Cost Est. Pr	epared By	D	escription						
Cost Type	Fi	scal Year	Expens	е	Fringe Benefit	NonPersor	ne	C	Comment		
Engineering Services	FY1	8-		\$146			FY18	3			
Unknown	FY1	8-		\$8			FY17	7			
GLWA Salaries CIP2020	FY1	8-		\$5	2		0FY18	3			
Prior Yr Actuals	Y19	FY20	FY21	FY2	22 FY23	FY24	F	-Y25+	Total		
161									161		

Phase Total Expenses By FY (All figures are in \$1,000's)



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Ford Road Pumping Station, Pressure and Control Improvements

Phase GLWA Employ Title GLWA Salaries	yees Pr	oject	managen	nent		C	ontract N	IA	Stat	us Active		
Phase Budget Wat	ter							Cost Allo	cation CTA			
Phase Status Acti	ive							Funding S	ource Bond	l Proceeds		
Start Date									Fund Cons	struction Bor	nd Fund	
End Date							l	Jseful Life >:	20Yrs? No			
Cost E	stimatio	on Inf	ormation				Tot. Fed	eral Loan A	mount			\$0
	5		Cost Est. Cl	ass			Pro	gram/Allov	vance Task	Information		
1/1/	2015		Cost Est. Do	ate	Р	roject	Manager					
CDM Smith			Cost Est. Sc	ource	C	IP Nu	mber					
CDM Smith			Cost Est. Pr	epared By	D	escrip	otion					
Cost Type		Fis	cal Year	Expens	е	Fringe	e BenefilNo	onPersonne	C	Comment		
GLWA Salaries CIP20	020	FY19	,		\$17		7	1				
GLWA Salaries CIP20	020	FY20)		\$17		7	1				
GLWA Salaries CIP20	020	FY21			\$12		5	1				
Prior Yr Actuals	FY1	9	FY20	FY21	FY2	22	FY23	FY24	FY25+	Total		
		25	25	18		0	0	0	0	68		

Phase Total Expenses By FY (All figures are in \$1,000's)

GLW Great Lakes Water Author	A prity	Fo	ord Road F	GLV Pump	VA FY bing S	2020-2 tation,	024 CIP Pressure o	and C	ontro	ol Improv	ements	132006 CI
Phase Design & C	onstructio	on Assistance			Co	ontract (CS-1749		Stat	us Active		
Title CS-1749 Pres	sure and	Control Improv	vements at th	ne Ele	ctric, Fo	ord Road	, Michigan,	and We	est Ch	nicago Wat	er Booster	Pumping
Stations												
Bennesch							Cost Alla	ortion				
Phase budger w	ater							callon	CIA			
Phase Status Ad	ctive						Funding	Source	Bond	Proceeds		
Start Date		9/6	/2017					Fund	Cons	truction Bor	nd Fund	
End Date		12/6	/2019				Useful Life >	20Yrs?	Yes			
Cost	Estimatio	on Information				Tot. Fed	eral Loan A	mount				
	1	Cost Est. C	Class			Pre	ogram/Allo	wance	Task I	nformation		
		Cost Est. D	ate	Р	roject <i>I</i>	Nanager						
		Cost Est. S	ource	C	IP Num	nber						
		Cost Est. P	rongrod By	D	escript	ion						
		C031 E31. 1	Терагеа ву									
Cost Type	;	Fiscal Year	Expense	е	Fringe	BenefitN	onPersonne	è	С	comment		
Engineering Servic	es	FY19		\$150								
Engineering Servic	es	FY20		\$150								
Engineering Servic	es	FY21		\$0								
Task		Start Date	End Date	Dur	ation							
Scope Developme	ent	6/6/2016	9/4/2016	D	90							
Procurement		9/5/2018	9/5/2019)	365							
Project Execution 9/6/2017 7/28/2020)	1056							
Project Closeout		7/29/2020	10/27/2020)	90							
Prior Yr Actuals	FY19	P FY20	FY21	FY2	22	FY23	FY24	FY2	5+	Total		
		150 150	0		0	0	C)	0	300		

Phase Total Expenses By FY (All figures are in \$1,000's)

					CIV		2020	20		D						1	22004 010
	GLWA Great Lakes Water Author	ity	Fo	ord Road	Pump	bing S	tatior	ι, Ρι	ressur	re a	nd Co	ontro	ol Im	prov	eme	ents	32006 CIP7
Phase	Constructior	1				Co	ontract	· N/	Ą			State	us A	ctive			
Title P	Pressure and	Control II	mprovements	at the Electr	ic, For	d Roac	l, Mich	igar	n, and N	West	Chica	go W	'ater I	Booste	er Pur	nping Sta	ations
Phas	e Budget Wa	ater							Cost	Alloc	cation (CTA					
Pha	ise Status Ac	tive							Fundi	ng S	ource	Bond	Proc	eeds			
S	itart Date									0	Fund	Const	tructio	on Bor	nd Fu	nd	
	End Date								seful Li	fe >2	20Yrs?	Vac					
												103					
	Cost	Estimatio	n Information				Tot. F	ede	ral Loa	in Ar	nount						
		4	Cost Est. C	lass				Prog	gram/A	Allow	vance T	ask I	nform	nation			
			Cost Est. D	ate	Р	roject	Manag	jer									
			Cost Est. S	ource	C	CIP Nun	nber										
			Cost Est. P	repared By	C	escrip	ion										
	Cost Type		Fiscal Year	Expens	е	Fringe	Benefi	ilNor	nPersor	nne		С	omm	ent			
Constr	uction		FY19	•	\$60												
Constr	uction		-Y20	\$2	2,340												
	Task		Start Date	End Date	Dur	ation											
Scope	Developme	nt	6/6/2018	9/4/2018	3	90)										
Procur	ement		9/5/2018	5/23/2019	9	260)										
Projec	t Execution		5/24/2019	10/8/2020)	503	5										
Projec			10/9/2020	1///202		90)										
Prior	Yr Actuals	FY19	FY20	FY21	FY	22	FY23		FY24	4	FY25	5+	Tot	tal			
			60 2,340	0		0		0		0		0		2,400			
			P	hase Total E	xpens	es By F	((All fi	gure	es are i	n \$1,	,000's)						
	Proj	ect Toto	al Expenses	By FY Co	mpa	red to	Prior	· Cl	Ps (Al	l fig	jures o	are i	n \$1	,000'	s)		
CIP	FY16	FY17	FY18	FY19	FY20	F	Y21	F	Y22	F١	Y23	FY2	24	FY2	5	Total	
2018		0	200	2,800	1.0								0		0	3,0	000
2019		0	8 106	245	1,80)5	445								0	2,6	09



132006 CIP#

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CIP	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	Total
2020	0	0	161	235	2,515	18	0	0	0	0	2,929