

Actual Work

Milestone



	- Preliminary Project Project Start Date 13			Finish	Data Date 31-Dec-18	Project Finish Date: 15-Feb-23	JEA Greenland WRF 25
/ ID	Activity Name	Orig. Dur.	Start	Finish	2019 O N D J F M A M J J A S O N D J	2020 2021 F M A M J J A S O N D J F M A M J J A S	2022 O N D J F M A M J J A S O N D
T1.3_SD-160	Geotechnical Investigation & Report (Final)	40	15-Jul-19	06-Sep-19		vestigation & Rep <mark>o</mark> rt (Final)	
Task 2 - Design S	Services	304	17-Jun-19	13-Aug-20		13 Åug 20, Task 2 - Design Services	
	esign Phase (30% Design)	67	17-Jun-19	17-Sep-19	17-Sep-19. 2.1	Conceptual Des gn Phase (30% Design)	·
T2.1_CD-100	Develop Conceptual Design	50	17-Jun-19	23-Aug-19	Develop Conceptu		
T2.1_CD-110	Conceptual Design Review	15	26-Aug-19	13-Sep-19	Coriceptual Des		
T2.1 CD-120	Conceptual Design Workshop	2	16-Sep-19	17-Sep-19	Conceptual Des	sign Workshop	
	pment Phase (60% Design)	107	18-Sep-19	13-Feb-20		▼ 13-Feb-20, 2.2 Design Development Phase (60% Design)	
T2.2_DD-100	Develop 60% Design Documents WRF	90	18-Sep-19	21-Jan-20	)	libevelon 60% Design Documents WRF : !	·
T2.2_DD-110	Develop 90% Design Documents for Early Wok Package	60	30-Oct-19	21-Jan-20		Develop 90% Design Documents for Early Wok Package	
T2.2_DD-120	Develop 90% Specifications for Major Equipment	30	11-Dec-19	21-Jan-20		Develop 90% Specifications for Major Equipment	
T2.2_DD-130	Design Development Document Review	15	22-Jan-20	11-Feb-20		Design Development Document Review	
T2.2 DD-140	Design Development Workshop	2	12-Feb-20	13-Feb-20	k i i k il il i i i i k k li Mi i i i i da 📻	Design Development Workshop	
	evelopment Phase (90% Design)	90	14-Feb-20	18-Jun-20		18-Jun-20; 2.3 Final Design Development Phase (90% I	Design)
T2.3_FD-110	Develop 100% Specification for Major Equipment		14-Feb-20	26-Mar-20		Develop 100% Specification for Major Equipment	
T2.3 FD-100	Develop 90% Design Documents for the WRF	70	14-Feb-20	21-May-20		Develop 90% Design Documents for the WRF	
T2.3_FD-120	Final Design Development Document Review	15	22-May-20	11-Jun-20		Final Design Development Document Review	
T2.3 FD-130	Final Design Development Document Workshop	2	17-Jun-20	18-Jun-20		inal Design Development Document Workshop	
<del>-</del>	Document Phase (100% Design)		19-Jun-20	16-Jul-20		16-Jul 20, 2.4 Construction Document Phase (100%	Design)
T2.4 CoD-100	Final Construction Documents	20	19-Jun-20	16-Jul-20		Final Construction Documents	-7-37/
2.5 Booster Pump			16-Jan-20	13-Aug-20		▼ 13-Aug-20, 2.5 Booster Pump Station Design	
T2.5_D-100	Conceptual Design (30% Design)	25	16-Jan-20	19-Feb-20		Conceptual Design (30% Design)	
T2.5_D-110	Conceptual Design (30% Design) Review	10	20-Feb-20	04-Mar-20		Conceptual Design (30% Design) Review	
T2.5_D-110	Conceptual Design (30% Design) Workshop	2	05-Mar-20	06-Mar-20	┠╼╼╬╼╼╬╼╼╫╼╼╬╼╍╬╼╍╬╼╼╬╼╼╬═ <b>╌╟</b> ╒╼╌╬╼╍╬╼╼╬ <b>╬╟╌╸</b> ╬	Conceptual Design (30% Design) Workshop	·
T2.5_D_130	Design Development (60% and 90% Desig)	70	23-Mar-20	26-Jun-20		Design Development (60% and 90% Desig)	
T2.5_D_130	Design Development (60% and 90% Design) Review	10	29-Jun-20	10-Jul-20		Design Development (80% and 90% Design) Review	
T2.5_D_140	Design Development (60% and 90% Design) Neview  Design Development (60% and 90% Design) Workshop	2	13-Jul-20	14-Jul-20		Design Development (60% and 90% Design) Worksho	
T2.5_D_160	Design Development (100% Design)	10	15-Jul-20	28-Jul-20		Design Development (100% Design)	<sup>P</sup>
T2.5_D_100	Design Development (100% Design) Review	10	29-Jul-20	11-Aug-20		Design Development (100% Design) Review	·
T2.5_D_170	Design Development (100% Design) Keview  Design Development (100% Design) Workshop	2	12-Aug-20	13-Aug-20		Design Development (100% Design) Workshop	
						15-Oct+20, Task 3- CMAR Procurement	Donitor Sunday
	rocurement & Design Support		31-Aug-18 A				Lesign Support
3.1 Procurement			31-Aug-18 A	_	19 Jul-19, 3.1 Procure	enhent of CMR/Firm	
T3.1_CMAR-100	3.1.2 Prepare 1st Draft RFQ (by JEA)	20	31-Aug-18 A		3.1.2 Prepare 1st Draft RFQ (by JEA)		
T3.1_CMAR-120	3.1.2 Review 1st Draft RFQ	10	28-Feb-19	13-Mar-19	3.1.2 Review 1st Draft RFQ		
T3.1_CMAR-130	3.1.2 Prepare 2nd Draft RFQ (by JEA)	10	14-Mar-19	27-Mar-19	3.1.2 Prepare 2 d Draft RFQ (by J	EPXI :	
T3.1_CMAR-140	3.1.2 Review 2nd Draft RFQ	5	28-Mar-19	03-Apr-19	3.1.2 Review 2nd Draft RFQ		
T3.1_CMAR-150	3.1.2 Prepare Final RFQ	5	04-Apr-19	10-Apr-19	3.1.2 Prepare Final RFQ		
T3.1_CMAR-160	3.1.2 Issue RFQ to Potential Proposers & Bid Duration	20	11-Apr-19	07-May-19	3.1.2 Issue RFQ to Potential Pr	rdpttsets & Bid Doration	
T3.1_CMAR-180	3.1.3 Receive SOQ	0	08-May-19		3.1.3 Receive \$OQ		
T3.1_CMAR-170	3.1.3 Review & Evaluate SOQ Proposals	20	08-May-19	04-Jun-19	3.1.3 Review & Evaluate SC		
T3.1_CMAR-190	3.1.4 Shortlist 3 Proposers for Interview	5	22-May-19	28-May-19	3.1.4 Shortlist 3 Proposers to		
T3.1_CMAR-200	3.1.4 Conduct Interview of Shortlist Proposers	3	12-Jun-19	14-Jun-19	3.1.4 Conduct Interview of		
T3.1_CMAR-210	3.1.4 CMAR Firm Selection		17-Jun-19	21-Jun-19	3 1.4 CMAR Firm Selection		
T3.1_CMAR-220	3.1.5 CMAR Contract Negotiation/Contract	20	24-Jun-19	19-Jul-19	3. 5 CMAR Contract	Negotiation/Cont act	
	-Phase Support Services (1&2)		18-Sep-19	16-Jul-20		6-Jul 20, 3.2: CMAR Design-Phase Support Service	s (182)
	view and Collaboration		18-Sep-19	16-Jul-20		6-Jul-20, CMAR Design Review and Collaboration	
	100 CMAR 30% to 60% Design Phase Review and Collaboration	60	18-Sep-19	10-Dec-19	Į III III III III III III III III III I	R 30% to 60% Design Phase Review and Collaboration	
T3.2.1_CMAR-	CMAR Detail Design 60% to 90% Design Phase Review and Collaborat	90	14-Feb-20	18-Jun-20		CMAR Detail Design 60% to 90% Design Phase Review	and Collaboration
T3.2.1_CMAR-1	120 CMAR 30% Design Booster Pump Station Review and Collaboration	10	09-Mar-20	20-Mar-20		CMAR 30% Design Fooster Pump Station Review and Collaboration	
T3.2.2 CMAR-	100 CMAR CD Phase Review and Collaboration	20	19-Jun-20	16-Jul-20		→ MAR CD Phase Review and Collaboration	

Actual Work

◆ Milestone



reliminary Project Project Start Date 13 Activity Name		Start	Finish		Data Date 31-Dec-18			2020	ish Date: 15-F	eb-23 JEA Greenland WRF 25 2021 2022
Activity Name	Dur.	Start	FIIIISII	O N	D J F M A M J J	ASONE	D J F M A M		SOND	J F M A M J J A S O N D J F M A M J J A S O N
nase Support Services (3&4)	284	16-Sep-19	15-Oct-20			· · · · · · · · · · · · · · · · · · ·			▼ 15-Oct÷	20, 3.2: CMAR Design-Phase Support Services (3&4)
stimate	30	16-Sep-19	25-Oct-19			25-0	Oct-19, 3.2.3 CMAF	Cost Estim	nate	
Develop & Deliver Conceptual Design Estimate - Baseline Estimate	20	16-Sep-19	11-Oct-19			Develo	on & Deliver Concer	tua Desigh	n Est mate - Basi	eline Estimate
Review Conceptual Design Estimate	10	14-Oct-19	25-Oct-19			<b>-</b> Rev	iew Conceptual Des	ign Estmate	e	
nent - CMAR/Jacobs	192	22-Jan-20	15-Oct-20				<b>—</b>		15-Oct-	20, 3.2.4 GMP Development - CMAR/Jacobs
Package (EWP)	55	22-Jan-20	07-Apr-20				<b>∮</b> 7	Apr 20, CM	P - Early Work F	Pa¢kage (EWP)
EWP - GMP Development (CMAR)	20	22-Jan-20	18-Feb-20				4) 6 6 6 1	10 10 10 10 10 10 10 10 10 10 10 10 10 1		
EWP - GMP Review by Jacobs and JEA	10	19-Feb-20	03-Mar-20	-				3 13 13 3	1 11 1 1 1	IJËA
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		· ·	_	-					. 🖼	Submit Final GMP (CMAR)
, ,			_						BVVF - S	Submit Final GWP (CWAR)  Type 15-Feb-21, Task 4 - Permitting - Jacobs and CMAR
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	240	18-Sep-19	-			i		4		:======================================
o ,	140	03-Jan-20					*			
	132	15-Jan-20						-€o	<del>:  </del>	
4.2 Gopher Tortoise Permit and Relocation	60	17-Jul-20	08-Oct-20						4.2 Gop	her, Torto is e Permit and Relocation
Construction Permiting for Booster Pump Station	132	14-Aug-20	15-Feb-21					+-	1 1 1	Construction Permitting for Booster Pump Station
ring Services & CM	604	19-Jun-20	15-Feb-23					<b>V</b>		
6.0 Construction Management Services	604	19-Jun-20	15-Feb-23					-	+	
5.0 Engineering Services During Construction	520	17-Jul-20	18-Jan-23					<b>-</b>		
- CMAR	654	17-Jul-20	18-Jan-23					<b>-</b>	+++++	
	152	17-Jul-20	15-Feb-21					<b>.</b>		15-Feb-21, Construction - Early Work package (Site work, Erosion, Rough Gra
									Mobilization	V 10 1 00 21, Odistiloti Laliy Work package (pile work, prodoti, rodgi pre
						<del>             -</del>			1	Construction - Early Work package - Access Road and Associated Utilities (w
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. Strong for the femolog										01-Jul-21, Procurement
Major Equipment Submittals									Major Equir	omant Submittals
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			-	<del></del>		<del></del>			<b>  </b>	submittals Review
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Issue PO's for Major Equipment	5		10-Dec-20 17-Dec-20	$\dashv \Box$						- Ti i i i i i i i i i i i i i i i i i i
Euipment Fabrication	140	11-Dec-20	_	-						Issue PO's for Major Equipment  Euipment Fabrication
LE COUNTER LE FACILICATION		18-Dec-20	01-Jul-21							Euipment Faprication
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		23-Oct-20	18-Jan-23			<del>             -</del>		iii	<u></u>	
ining Work Package		22 Oat 20								
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	540 280	23-Oct-20 16-Feb-21	17-Nov-22 14-Mar-22	-						Construction - Booster Pump
	Develop & Deliver Conceptual Design Estimate - Baseline Estimate Review Conceptual Design Estimate  Review Conceptual Design Estimate  Review Conceptual Design Estimate  Review Conceptual Design Estimate  Review Conceptual Design Estimate  Review Conceptual Design Estimate  Review Conceptual Design Estimate  Review Company Company Company  Review Dy Jacobs and JEA  RWP - GMP Negotiation  RWP - GMP Negotiation  RWP - Submit Final GMP (CMAR)  RWP - Submit Final GMP (CMAR)  RWP - Submit Final GMP (CMAR)  RWP - GMP Development (CMAR)  BWP - GMP Review by Jacobs and JEA  BWP - GMP Negotiation  BWP - Submit Final GMP (CMAR)  - Jacobs and CMAR  4.1 FDEP and USACE Environmental Permitting  4.4 Permitting for Effluent Pipe  4.3 Permitting for City of Jacksonville  Construction Permitting  4.2 Gopher Torto's e Permit and Relocation  Construction Permitting for Booster Pump Station  ring Services & CM  6.0 Construction Management Services	timate         30           Develop & Deliver Conceptual Design Estimate - Baseline Estimate         20           Review Conceptual Design Estimate         10           tent - CMAR/Jacobs         192           Package (EWP)         55           EWP - GMP Development (CMAR)         20           EWP - GMP Review by Jacobs and JEA         10           EWP - GMP Negotiation         20           EWP - Submit Final GMP (CMAR)         5           Work Package         50           RWP - GMP Development (CMAR)         20           RWP - GMP Review by Jacobs and JEA         10           RWP - GMP Negotiation         15           RWP - Submit Final GMP (CMAR)         5           BWP - GMP Development (CMAR)         20           BWP - GMP Review by Jacobs and JEA         10           BWP - GMP Review by Jacobs and JEA         10           BWP - GMP Review by Jacobs and JEA         10           BWP - GMP Review by Jacobs and JEA         10           BWP - GMP Review by Jacobs and JEA         10           BWP - GMP Review by Jacobs and JEA         10           BWP - GMP Review by Jacobs and JEA         10           BWP - GMP Review by Jacobs and JEA         10           BWP - GMP Review by Jacobs and JEA	timate         30         16-Sep-19           Develop & Deliver Conceptual Design Estimate         20         16-Sep-19           Review Conceptual Design Estimate         10         14-Oct-19           tent - CMAR/Jacobs         192         22-Jan-20           EWP - GMP Development (CMAR)         20         22-Jan-20           EWP - GMP Development (CMAR)         20         22-Jan-20           EWP - GMP Review by Jacobs and JEA         10         19-Feb-20           EWP - GMP Negotiation         20         04-Mar-20           EWP - Submit Final GMP (CMAR)         5         01-Apr-20           WWP - GMP Development (CMAR)         20         22-May-20           RWP - GMP Development (CMAR)         20         22-May-20           RWP - GMP Review by Jacobs and JEA         10         19-Jun-20           RWP - Submit Final GMP (CMAR)         5         24-Jul-20           PS Station         45         14-Aug-20           BWP - GMP Development (CMAR)         20         14-Aug-20           BWP - GMP Review by Jacobs and JEA         10         11-Sep-20           BWP - GMP Review by Jacobs and JEA         10         11-Sep-20           BWP - GMP Review by Jacobs and JEA         10         11-Sep-20           BWP - GMP Re	Develop & Deliver Conceptual Design Estimate - Baseline Estimate   20   16-Sep-19   11-Oct-19   11-Oct-19   25-Oct-19   11-Oct-19   25-Oct-20   11-Oct-19   11-Oct-19   25-Oct-20   11-Oct-19   11-O	15-Oct-20   15-Oct-20   15-Oct-20   15-Oct-20   15-Oct-20   15-Oct-20   15-Oct-20   15-Oct-20   15-Oct-19   15-Oct-20   15-Oct-19   15-Oct-20   15-O	Section	254   16-Sep-19   15-Oct-20   15-Oct-20   25-Oct-19   25-Oct-20   25-Oct-19   25-Oct-20   25-Oct-19   25-Oct-19	Support Services (3.6.4)	150-04-70   150-	18-06-10   18-06-10