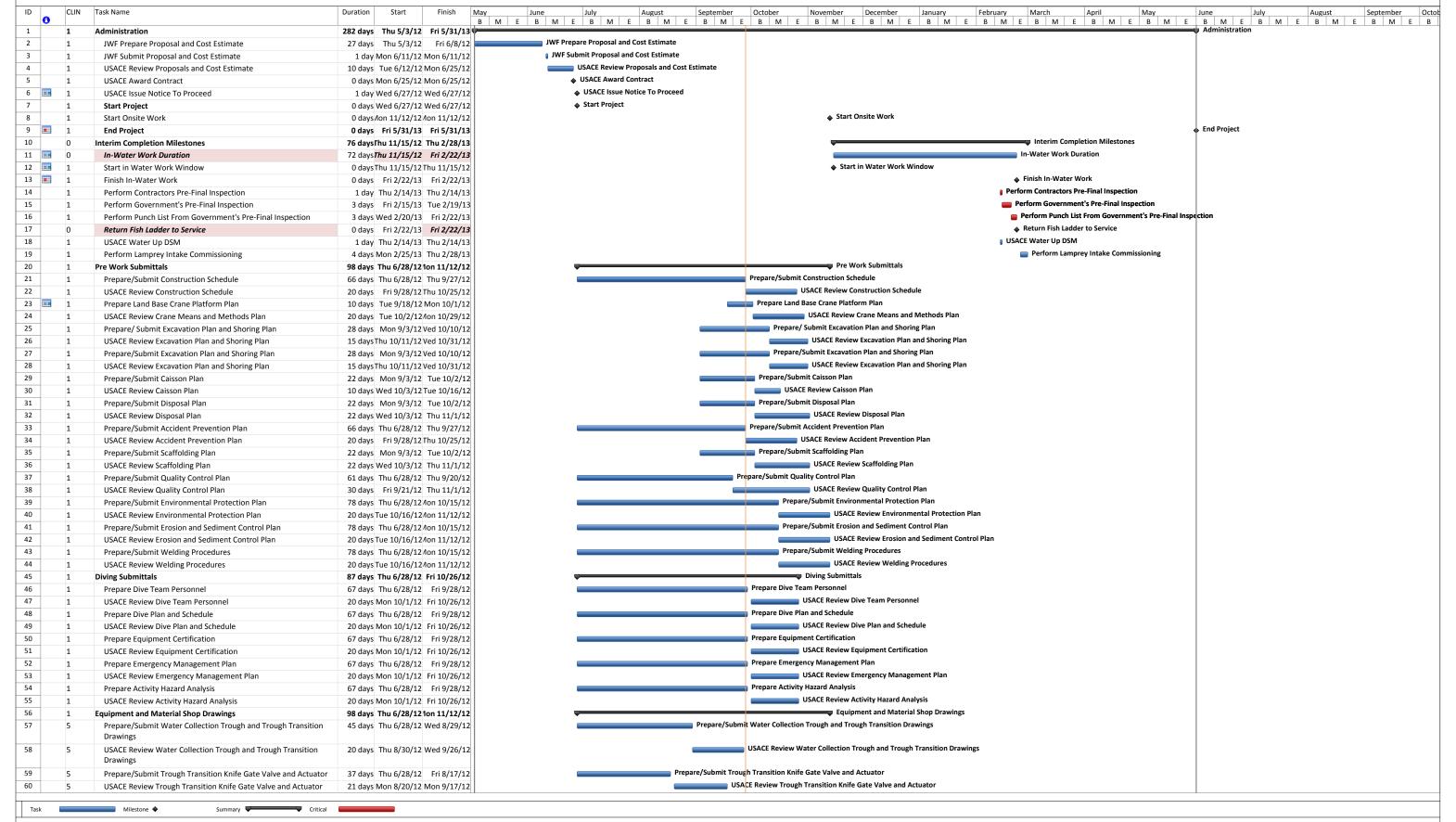
### US ARMY CORPS OF ENGINEERS PORTLAND DISTRICT

CONTRACT NUMBER W9127N-12-C-0013 SOLICITATION NUMBER W9127N-12R-0005

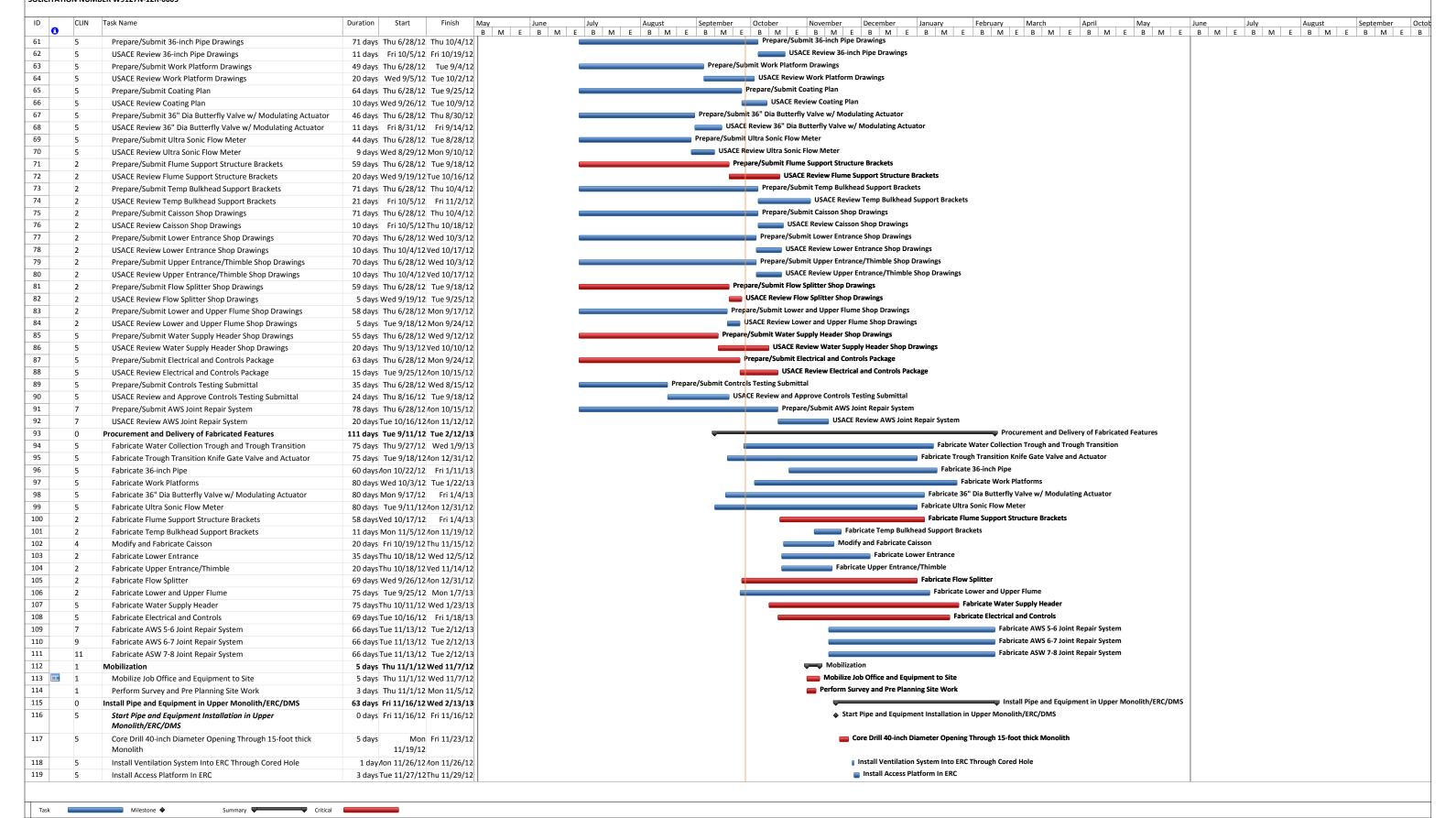




### US ARMY CORPS OF ENGINEERS PORTLAND DISTRICT

CONTRACT NUMBER W9127N-12-C-0013 SOLICITATION NUMBER W9127N-12R-0005

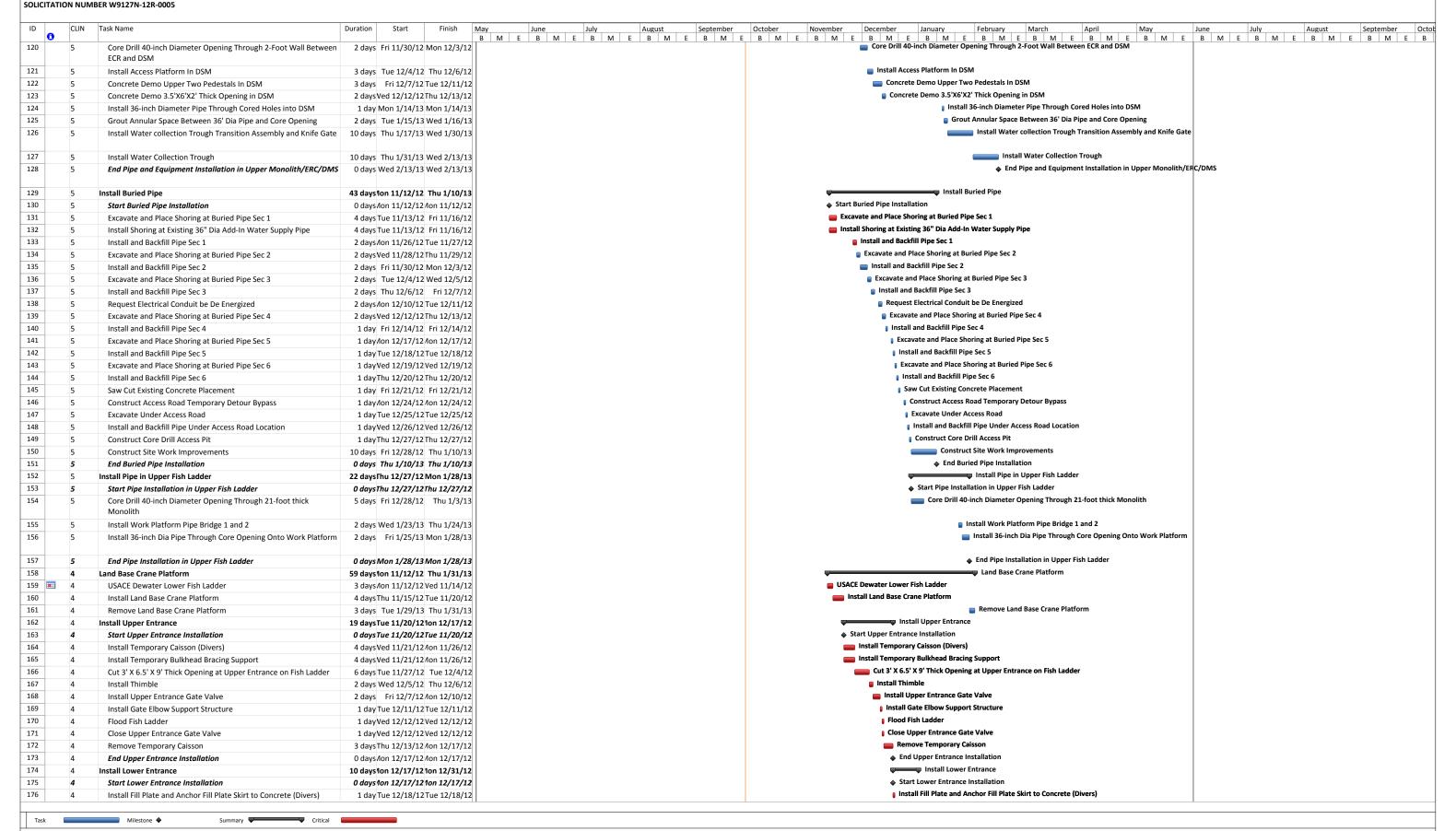




### US ARMY CORPS OF ENGINEERS PORTLAND DISTRICT

CONTRACT NUMBER W9127N-12-C-0013





## US ARMY CORPS OF ENGINEERS

PORTLAND DISTRICT
CONTRACT NUMBER W9127N-12-C-0013
SOLICITATION NUMBER W9127N-12R-0005



0	CLIN	Task Name	Duration Start	Finish May	July   August   September   October   November   December   January   February   March   April   May   June   July   August
	4	Preassemble Lower Entrance Picket Lead with the Lower Entrance	1 day Wed	Wed	
	4	Manifold  Prossemble Temporary Installation Guide to the Lower Entrance	12/19/12 1 day Thu 12/20/12 Th	12/19/12 bu 12/20/12	Preassemble Temporary Installation Guide to the Lower Entrance
	4	Preassemble Temporary Installation Guide to the Lower Entrance Install Pre Assembled Lower Entrance Using the Existing Bulkhead	1 day Fri 12/21/12		Install Pre Assembled Lower Entrance Using the Existing Bulkhead Guides (Divers)
	7	Guides (Divers)	1 ddy 111 12/21/12	12,21,12	
1	4	Install Vertical Wall Concrete Anchors to Monolith (Divers)	2 days/lon 12/24/12 T	ue 12/25/12	Install Vertical Wall Concrete Anchors to Monolith (Divers)
L	4	Bolt Lower Entrance to Fill Plate (Divers)	1 dayVed 12/26/12 V		Bolt Lower Entrance to Fill Plate (Divers)
2	4	Install Picket Lead Raising Feature and Operator (Divers)	3 days Thu 12/27/12 //		Install Picket Lead Raising Feature and Operator (Divers)
3	4	End Lower Entrance Installation	0 days fon 12/31/12 fo	on 12/31/12	♠ End Lower Entrance Installation
4	4	Install Flow Splitter, Lower Flume, Upper Flume	20 days Ion 12/31/12 N	1/28/13	Install Flow Splitter, Lower Flume
35	4	Start Flow Splitter, Lower Flume, Upper Flume Installation	0 days 1on 12/31/12 10	on 12/31/12	Start Flow Splitter, Lower Flume, Upper Flume Installation
6	4	Install Flume Mounting Template (Divers)	2 days Tue 1/1/13	Wed 1/2/13	Install Flume Mounting Template (Divers)
7	4	Drill Flume Anchor Bolt Holes Into Concrete (Divers)	2 days Thu 1/3/13	Fri 1/4/13	Drill Flume Anchor Bolt Holes Into Concrete (Divers)
8	4	Install Flume Erection Brackets (Divers)	2 days Mon 1/7/13		Install Flume Erection Brackets (Divers)
9	4	Remove Flume Mounting Template (Divers)	1 day Wed 1/9/13		Remove Flume Mounting Template (Divers)
)	4	Install Flume Support Structure Brackets	1 day Thu 1/10/13		
1	4	Install Pit Tag Antenna's at the Lower Entrance and Upper Entrance Connections (Divers)	1 day Fri 1/11/13		☐ Install Pit Tag Antenna's at the Lower Entrance and Upper Entrance Connections (Divers)
	4		1 day Mon 1/14/12 N	4on 1/14/13	
92		Install bit Tag Antanna's at the Splitter - Lower Flume Connection	1 day Mon 1/14/13 M		
	4	Install Pit Tag Antenna's at the Splitter - Lower Flume Connection (Divers)	1 day Tue 1/15/13	rue 1/15/13	Install Pit Tag Antenna's at the Splitter - Lower Flume Connection (Divers)
94	4	Install Lower and Upper Flume (Divers)	4 days Wed 1/16/13 N	/lon 1/21/13	Install Lower and Upper Flume (Divers)
95	4	Install Lower and Upper Flume Support Structure Hangers (Divers)	2 days Tue 1/22/13 V	Ved 1/23/13	Install Lower and Upper Flume Support Structure Hangers (Divers)
16	4	Install the Flume Water Supply Piping (Divers)	3 days Thu 1/24/13 N	/lon 1/28/13	Install the Flume Water Supply Piping (Divers)
97	4	End Flow Splitter, Lower Flume, Upper Flume Installation	0 days Mon 1/28/13 N	Ion 1/28/13	◆ End Flow Splitter, Lower Flume, Upper Flume Installation
98	5	Install Piping at the Lower Fish Ladder	58 days Ved 11/14/12	Mon 2/4/13	Install Piping at the Lower Fish Ladder
99	5	Start Piping at the Lower Fish Ladder	0 daysVed 11/14/12Ve	ed 11/14/12	♦ Start Piping at the Lower Fish Ladder
00	5	Core Drill 40 Dia Hole X 10' Thick Through Fish Ladder Wall	9 days Thu 11/15/12 T		Core Drill 40 Dia Hole X 10' Thick Through Fish Ladder Wall
)1	5	Core Drill 40 Dia Hole X 7' Thick Through Fish Ladder Wall	5 days Ved 11/28/12		Core Drill 40 Dia Hole X 7' Thick Through Fish Ladder Wall
)2	5	Core Drill 40 Dia Hole X 2' Thick Through Fish Ladder Wall	2 days Wed 12/5/12		© Core Drill 40 Dia Hole X 2' Thick Through Fish Ladder Wall
)3	5	Install 36" Dia pipe between Upper Flume Pipe to the Work Platform Pipe Support Structure	2 days Tue 1/29/13 V		Install 36" Dia pipe between Upper Flume Pipe to the Work Platform Pipe Support Structure
4	5	Install 36" Dia Pipe Closure Section on Work Platform	2 days Thu 1/31/13	Fri 2/1/13	☐ Install 36" Dia Pipe Closure Section on Work Platform
)5	5	Install 36" Dia Butterfly Valve	1 day Mon 2/4/13		∥ Install 36" Dia Butterfly Valve
6	5	Install Air Vents	1 day Mon 2/4/13		Install Air Vents
7	5	Install Ultra Sonic Flow Meter	1 day Mon 2/4/13		Install Ultra Sonic Flow Meter
)8	5 <b>5</b>	End Piping at the Lower Fish Ladder			♦ End Piping at the Lower Fish Ladder
9			0 days Mon 2/4/13 1 18 daysMon 1/21/13 W		Electrical and Controls
	5 <b>E</b>	Electrical and Controls  Start Electrical and Controls Installation			Start Electrical and Controls Installation
10	5	Start Electrical and Controls Installation	0 days Mon 1/21/13 M		Install electrical and controls
11	5	Install electrical and controls	15 days Mon 1/21/13		
12	5	Test Controls	3 days Mon 2/11/13 V		■ Test Controls  A End Electrical and Controls Installation
	5	End Electrical and Controls Installation	0 days Wed 2/13/13 W		♦ End Electrical and Controls Installation  ■ AWS Joint Repair
14	7	AWS Joint Repair	40 days Tue 2/12/13		
15	0	Start Joint Repairs	0 days Tue 2/12/13		♦ Start Joint Repairs
.6	8	Repair Joints 5-6	40 days Wed 2/13/13		Repair Joints 5-6
7	10	Repair Joints 6-7	40 days Wed 2/13/13		Repair Joints 6-7
8	12	Repair Joints 7-8	40 days Wed 2/13/13		Repair Joints 7-8
9	13	End Joint Repairs	0 days Tue 4/9/13		♦ End Joint Repairs
0	13	Crane Support for UOI	13 days Fri 2/1/13		Crane Support for UOI
1	1		133 days Tue 11/27/12		As Built Drawings and Operational Manuals
2	0	Start As-Built & O&Ms	0 days Tue 11/27/12 Tu		♦ Start As-Built & O&Ms
3	1	Prepare and submit Final As Built drawings	88 days Ved 11/28/12	Fri 3/29/13	Prepare and submit Final As Built drawings
4	1	USACE Review Final As Built drawings	30 days Mon 4/1/13	Fri 5/10/13	USACE Review Final As Built drawings
5	1	Prepare and submit Final O & M manuals	15 days Mon 4/1/13	Fri 4/19/13	Prepare and submit Final O & M manuals
:6	1	USACE review and approve Final O & M manuals	30 days Mon 4/22/13	Fri 5/31/13	USACE review and approve Final O & M manuals
27	0	End As-Built & O&Ms	0 days Fri 5/31/13	Eri 5/21/12	● End As-Built & O&Ms