Spanish Fork & Mapleton Water Treatment Facility

Electrical Pre-bid Conference

1) Welcome & Introductions

2) Engineer Items/Scope of Work

   Overview of Project

   Sequencing

   City Provided Items

   Vendor Supplied Items

   SKM – Programming & Integration

   Review Testing Requirements Spec Sections 26 01 26 & 26 05 73

   Ongoing design progression

3) City Standards

4) Alder Construction Items

   Items to include in scope; all of Div 26, including;

   26 05 10 – Electric Motors; coordination and proper connection to motors supplied by others

   Fire Alarm

   Security

   Heat Trace

   Lightning Protection

   Fiber

   WiFi

   Subcontractor to provide Excavation & Backfill of all electrical duckbanks *GROUNDWATER*

   Payment and Performance Bond Qualification letter and Price as an alternate

Other – 24 hours following close of bid, please submit to Jeff Black at Alder Construction;

List of major equipment, suppliers, and subcontractors (greater than $100,000 in value) w/anticipated lead times. *Not all equipment submitted as "or equal" to the specifications may be approved*

Work Experience (form provided in Addendum) Including 5 recent projects of similar scope including Medium Voltage experience

VPO Document Manager

Review of Change Order procedure.

Construction Schedule

Material Cost Escalation

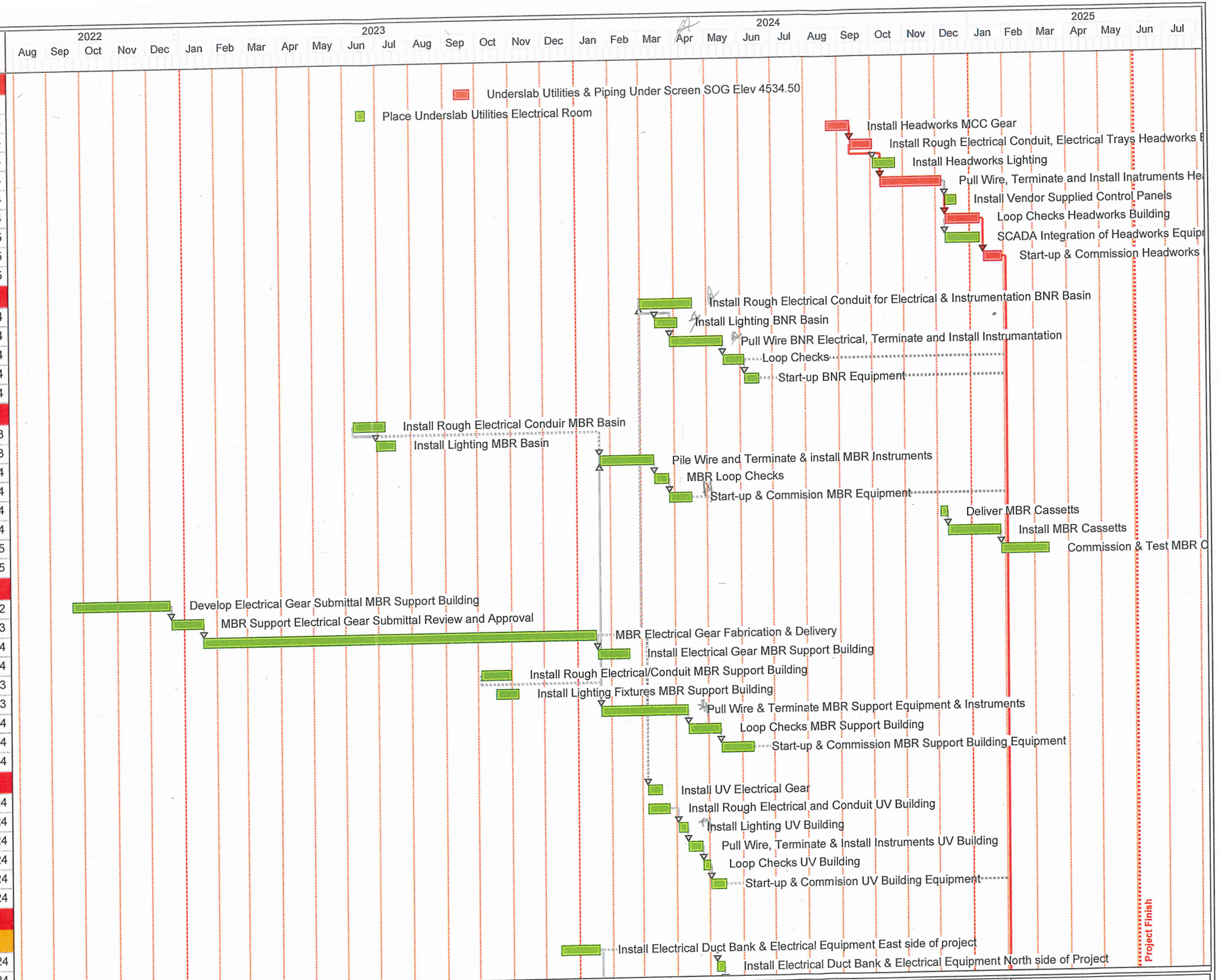
5) All Bidding Questions to be addressed to Jeff Black, Tyler Stevens or Val Martin at Alder Construction.

jblack@alderconstruction.com
tstevens@alderconstruction.com
vmartin@alderconstruction.com

All answers will be sent by addendum to individuals on attendee signup sheet

6) Site Visit – Meet at 3:30 at existing plant. Travel to new site following

ID	Description	Original Duration	Start	Finish
Facility 10 Headworks				
10.0560	Underslab Utilities & Piping Under Scree	8	09/12/23	09/25/23
10.0610	Place Underslab Utilities Electrical Roor	6	06/13/23	06/21/23
10.0825	Install Headworks MCC Gear	12	08/21/24	09/11/24
10.0830	Install Rough Electrical Conduit, Electric	12	09/12/24	10/02/24
10.0835	Install Headworks Lighting	12	10/03/24	10/23/24
10.0840	Pull Wire, Terminate and Install Inatrum	32	10/10/24	12/05/24
10.0845	Install Vendor Supplied Control Panels	8	12/09/24	12/19/24
10.0850	Loop Checks Headworks Building	12	12/09/24	01/09/25
10.0855	SCADA Integration of Headworks Equip	12	12/09/24	01/09/25
10.0860	Start-up & Commission Headworks Build	12	01/13/25	01/30/25
Facility 20 Biological Nutrient Removal				
20.6100	Install Rough Electrical Conduit for Elec	28	02/29/24	04/17/24
20.6105	Install Lighting BNR Basin	12	03/14/24	04/03/24
20.6110	Pull Wire BNR Electrical, Terminate and	28	03/28/24	05/15/24
20.6130	Loop Checks	10	05/16/24	06/04/24
20.6140	Start-up BNR Equipment	8	06/05/24	06/18/24
Facility 30 Membrane Bioreactor Basins				
30.3000	Install Rough Electrical Conduir MBR Ba	30	06/08/23	07/07/23
30.3005	Install Lighting MBR Basin	8	06/29/23	07/17/23
30.3010	Pile Wire and Terminate & install MBR I	30	01/22/24	03/12/24
30.3020	MBR Loop Checks	8	03/13/24	03/26/24
30.3030	Start-up & Commision MBR Equipment	12	03/27/24	04/16/24
30.5010	Deliver MBR Cassetts	4	12/03/24	12/09/24
30.5020	Install MBR Cassetts	20	12/10/24	01/27/25
30.5030	Commission & Test MBR Cassetts	45	01/28/25	03/13/25
Facility 35 MBR Support Building				
35.2500	Develop Electrical Gear Submittal MBR	90	09/21/22	12/19/22
35.2510	MBR Support Electrical Gear Submittal	30	12/20/22	01/18/23
35.2520	MBR Electrical Gear Fabrication & Deliv	365	01/19/23	01/18/24
35.2530	Install Electrical Gear MBR Support Buil	30	01/19/24	02/17/24
35.3990	Install Rough Electrical/Conduit MBR Su	16	10/03/23	10/30/23
35.4000	Install Lighting Fixtures MBR Support Bu	12	10/17/23	11/06/23
35.4100	Pull Wire & Terminate MBR Support Equ	48	01/22/24	04/11/24
35.4110	Loop Checks MBR Support Building	30	04/12/24	05/11/24
35.4120	Start-up & Commission MBR Support Bu	30	05/12/24	06/10/24
Facility 50 UV Disinfection				
50.0290	Install UV Electrical Gear	8	03/05/24	03/18/24
50.0300	Install Rough Electrical and Conduit UV	12	03/05/24	03/25/24
50.0310	Install Lighting UV Building	6	04/02/24	04/10/24
50.0320	Pull Wire, Terminate & Install Instrumen	8	04/11/24	04/24/24
50.0330	Loop Checks UV Building	4	04/25/24	05/01/24
50.0340	Start-up & Commision UV Building Equi	8	05/02/24	05/15/24
75 Site Utilites				
Electrical Duct Bank				
75.6030	Install Electrical Duct Bank & Electrical I	16	12/14/23	01/18/24
75.6040	Install Electrical Duct Bank & Electrical I	4	05/07/24	05/13/24

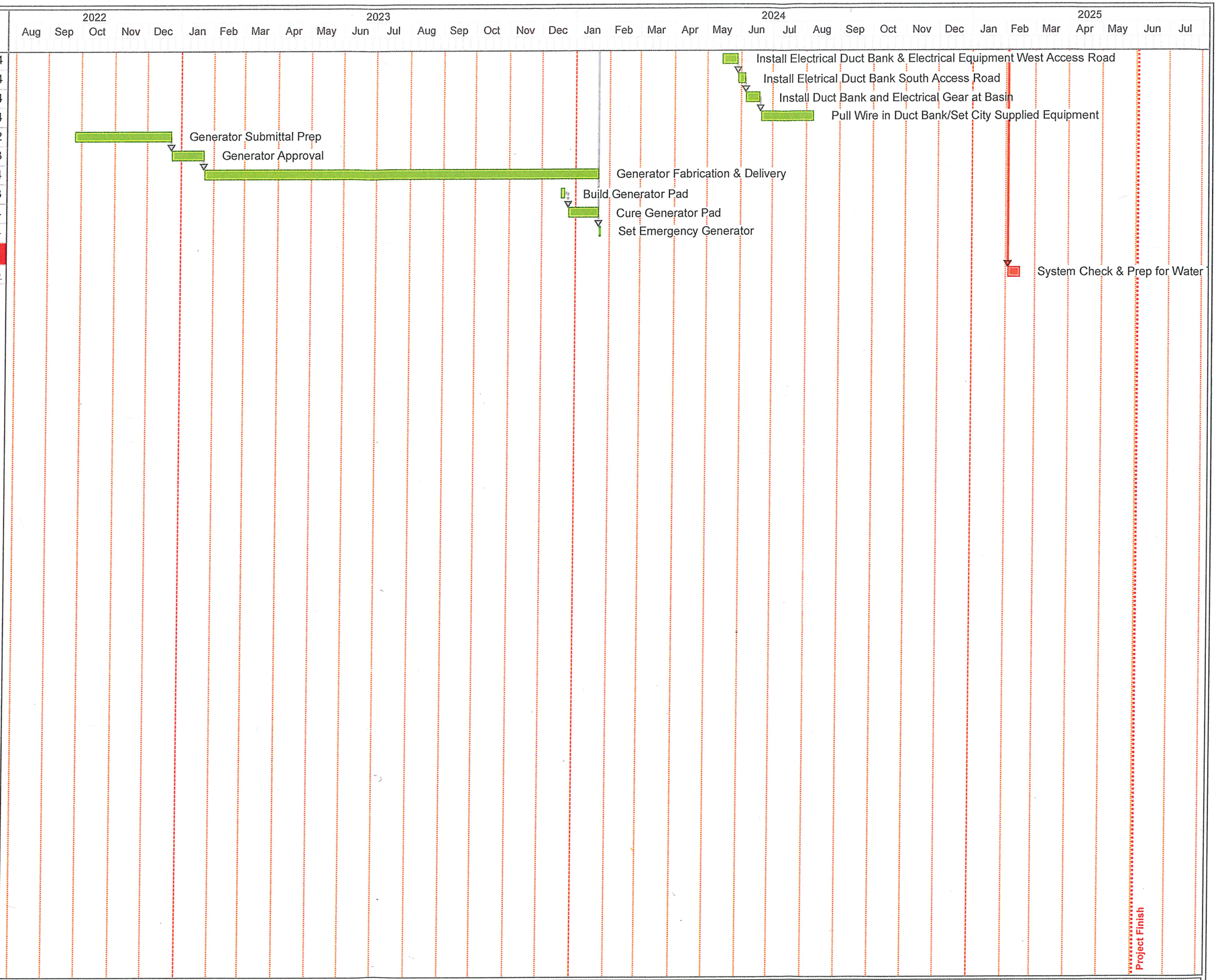


Start Date: 03/21/22
Finish Date: 06/02/25
Data Date: 05/18/22
Run Date: 07/20/22

Spanish Fork WRF
Preliminary Electrical Schedule

ALDER CONSTRUCTION

ID	Description	Original Duration	Start	Finish
75.6050	Install Electrical Duct Bank & Electrical E	8	05/14/24	05/28/24
75.6060	Install Eletrical Duct Bank South Access	4	05/29/24	06/04/24
75.6070	Install Duct Bank and Electrical Gear at	8	06/05/24	06/18/24
75.6080	Pull Wire in Duct Bank/Set City Supplied	30	06/19/24	08/06/24
75.7010	Generator Submittal Prep	90	09/24/22	12/22/22
75.7020	Generator Approval	30	12/23/22	01/21/23
75.7030	Generator Fabrication & Delivery	365	01/22/23	01/21/24
75.7040	Build Generator Pad	4	12/18/23	12/21/23
75.7050	Cure Generator Pad	28	12/25/23	01/21/24
75.7060	Set Emergency Generator	2	01/22/24	01/23/24
99 Plant Start-up				
99.2000	System Check & Prep for Water Test	8	02/03/25	02/13/25



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