



**BID PROPOSAL**  
CONTRACTORS LICENSE # 871868  
DIR #1000057502

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**PROJECT:** Fullerton Main North GAC Plant Train 4 & 5 Expansion for PFAS Treatment (“Project”)

**REV:** 2

**DATE:** June 30, 2025

**TO:** City of Fullerton; Attention Mr. Gar Huang

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**PRICE PROPOSAL:**

Kingmen is pleased to present this proposal to provide the work described herein.

Total Lump Sum Bid Proposal: = \$759,577.00  
(all quotes and complete estimate are attached herein)

**PLANS/SPECIFICATIONS/EXHIBITS PROVIDED AND INCORPORATED INTO PROPOSAL:**

1. Fullerton Main North GAC Plant Train 4 & 5 Expansion for PFAS Treatment Plans Dated May 2025
2. Fullerton Main North GAC Plant Train 4 & 5 Expansion for PFAS Treatment Technical Specifications
3. Addendum(s): None

**CONSTRUCTION SCOPE OF WORK:**

The following scope of work is included:

1. Purchase, Submit, Procure, Receive and Install:
  - a. Steel Pipe
  - b. Valves and Appurtenances:
    - i. 8” butterfly valve with handwheel = 4 each
    - ii. 8” globe style check valve (bronze disc) = 4 each
    - iii. 8” globe style check valve (stainless disc) = 4 each
    - iv. 8” wafer style butterfly valve = 2 each
    - v. 1” mag meter testing connection = 2 each
  - c. Nut/Bolt/Gasket Sets
  - d. Flow Meters (2 each)
  - e. Pipe Supports (9 each)
2. Construction to Include:
  - a. Project Management
  - b. Start-up coordination
  - c. Layout and field measure for submittals
  - d. Receive and unload procured material
  - e. X-ray existing slab on grade for layout of pipe support anchor bolts
  - f. Drill and epoxy seventy-two (72) anchor bolts for nine (9) new pipe supports
  - g. Install pipe supports (9 each)
  - h. Grout pipe support base plates
  - i. Install new steel pipe, valves and accessories as detailed on pipe racks

- j. Pressure test of newly installed pipe and existing vessels where able
- k. Chlorination of newly installed pipe and vessels
- l. Support Calgon in the slurry loading of media into the vessels and perform bed rinse
- m. Supply and install conduit and wiring as shown on the drawings for flowmeter power and controls, and for (4) PDIT signals and (4) ZSO controls. Scope will include loop drawings, startup, testing for added instruments, and Factory calibration certificate for flowmeters. PDIT conduit size: 1" for (2) PDIT signal cables. Added ZSO conduit size: 1" for (2) ZSO control wires (4#12). Conduit is PVC Coated GRC, single conductor is THHN. We have assumed there are existing home run signal and control conduits to PFAS Control Panel from the existing GAC vessel pad area. New home run conduits are excluded
- n. Painting and coating of pipe included in this scope
- o. Clean-up

#### **CLARIFICATIONS/ALLOWANCES:**

- 1. Due to lead time issues, this proposal includes the purchase and installation of globe valves with a bronze disc as well as valves with a stainless steel disc. Initially the valves with the bronze disc will be installed. Many weeks later, when the valves with the stainless steel disc are procured Kingmen will remobilize to the site, remove the bronze disc valves and install the stainless steel disc valves. Kingmen will leave the bronze disc valves onsite for the City of Fullerton once removed. Kingmen has only included a chlorine swab of the new stainless steel disc valves when installed and has not included the cost to rechlorinate or repressure test the entire system.
- 2. Proposal assumes construction is concurrent with existing project at the Well 7A site
- 3. All work associated with this scope is above grade and as such no provisions have been made for trenching, excavations, etc.
- 4. We have included labor escalations through the July 2026 escalation only.
- 5. Added Payment and Performance bond premiums have been included.
- 6. This proposal does not include any escalations or increase in costs due to tariffs or other unknown increase of costs for imported material. Should these costs materialize and increase the cost to acquire material and increase the cost of construction, Kingmen reserves our rights to recover the increase of costs associated.
- 7. We have only included the painting and coating of the new pipe and racks and not the existing.
- 8. As related to specification sections 01630 and 01670 and conversations with OCWD, Kingmen has added a crew for the duration necessary to assist Calgon in the slurry loading of the vessels and bed rinse. Kingmen will also washdown the vessels and pipe, pressure test the system and chlorinate the entire new system prior to the slurry load of the media.

#### **SCOPE EXCLUSIONS:**

- 1. Specification section 01900. The anchors are already designed for the pipe supports and as such we have not included the costs to have a seismic calculation performed. We can add if requested.
- 2. Specification section 16060. There is no new grounding required except the grounding of the new flow meters.
- 3. Specification section 15121 as none of the new valves are actuated.
- 4. Specification section 15151 as none of the pipe in this scope is buried.
- 5. Specification section 17015 as the specification described the controls for the larger facility as a whole whereas this scope is just interconnecting pipe. This exclusion has been confirmed per email received from City of Fullerton in that Kingmen does not have any SCADA integration in our current contract and as such should not include these costs.
- 6. Only testing of the new flowmeters has been included as related to Specification Section 17804. This exclusion has been confirmed per email received from City of Fullerton. We have added the costs to support the start-up and will have a crew onsite. New home run conduits are excluded
- 7. Reinforced concrete or rebar. The slab on grade is already installed and Kingmen will install the pipe supports on the existing slab.
- 8. There is no underground electrical conduit included as it is all above grade or existing.
- 9. PLC and SCADA Programming. This exclusion has been confirmed per email received from City of Fullerton.

10. SWPPP
11. Permits
12. Engineering and design
13. Asbestos removal or abatement
14. Potholing and/or removal of any existing or interfering pipe, utilities, structures
15. Demolition
16. Cost of water
17. Safe off/ Electrical Disconnect
18. Bypass pumping or temporary piping
19. Temporary treatment system(s)
20. Any costs associated with testing or running the facility (power, water, chemical, operators, fuel, etc.) outside of providing compressed air and clean water for media loading and testing, as well as costs for disinfection of vessels and ancillary systems, and water quality sampling
21. Overtime, Multiple Shifts, Night work
22. Special inspections or 3rd party testing
23. Domestic or Buy American restrictions
24. Cathodic Protection.

**ACCELERATION OPTION:**

Kingmen was requested to research available options to accelerate the project. At this time, we have been told the lead times for procurement after approved submittals are as follows:

1. Steel Pipe: 8-10 weeks (Unable to accelerate due to pipe lining)
2. Flow Meters: 6-8 weeks (No need to accelerate as it will be procured prior to receipt of the pipe)
3. Globe Check Valve with stainless steel disc: 16 weeks
4. Globe Check Valve with bronze disc and epoxy lined (not fusion bonded epoxy): 6-8 weeks

Kingmen Construction, Inc, thanks you in advance for the opportunity to team with you on this project. Should you have any questions please do not hesitate to contact me directly on my mobile at 951.830.3127 or in the office at 909.529.1747.

Best Regards,



Neil Nehmens  
President/CEO

**Pay Item Summary**  
**KINGMEN CONSTRUCTION, INC.**  
Job Code: 25 Fullerton Well 7A East Side Rev 1  
Description:

From Item: 1				To Item: 1								Pay Item Price	
Pay/Cost Item				Total Cost by Category									
Position Code	Pay Item No.	Description	Quantity UM	Assigned	Labor	Owned Equipment	Rented Equipment	Materials	Supplies	Subcontract	Fees	Unit Price	Total Price
1	1	Above Grade East Side Pipe CO	1.00 EA	652,810.10	156,165.28	26,582.50	20,213.20	19,640.00	3,410.76	422,825.04	3,973.33	759,577.00	759,577.00
		Extended Totals By Category		652,810.10	156,165.28	26,582.50	20,213.20	19,640.00	3,410.76	422,825.04	3,973.33		759,577.00

Cost Breakdown Structure Details  
KINGMEN CONSTRUCTION, INC.  
Job Code: 25 Fullerton Well 7A East Side Rev 1  
Description:

From Cost Item: 1						To Cost Item: 1.3.7							
CBS Position Code	CI Description	Cost Source	Cost Item		Unit Cost	Total Cost	Total Costs by Category						
			Forecast (T/O)	Quantity UM			Labor	Owned Equipment	Rented Equipment	Materials	Supplies	Subcontract	Fees
Pay Item: 1 (Above Grade East Side Pipe CO)													
1	Above Grade East Side Pipe CO	Detail	1.00	EA	652,810.10	652,810.10	156,165.28	26,582.50	20,213.20	19,640.00	3,410.76	422,825.04	3,973.33
Production:													
Duration		Days	Shifts	Hours	Man-Hours	Equip-Hours	Cost / Duration						
69.63		69.63		557.08	1,355.06	797.50							
1.1	KCI Work	Detail	1.00	LS	222,285.06	222,285.06	148,965.28	26,582.50	20,213.20	19,140.00	3,410.76	0.00	3,973.33
Production:													
Duration		Days	Shifts	Hours	Man-Hours	Equip-Hours	Cost / Duration						
64.63		64.63		517.08	1,315.06	797.50							
1.1.1	*Project Management	Detail	1.00	LS	29,358.49	29,358.49	25,662.49	3,696.00	0.00	0.00	0.00	0.00	0.00
Production:													
Duration		Days	Shifts	Hours	Man-Hours	Equip-Hours	Cost / Duration						
22.00		22.00		176.00	216.48	88.00							
Resource Code	Description	Quantity	Pay Hours	UM	Unit Cost	Total Cost	Total Costs by Category						
LPM	Project Manager	1.00	176.00	Each	125.00	22,000.00	22,000.00	0.00	0.00	0.00	0.00	0.00	0.00
CEFORTRK	Foreman Truck	0.50	88.00	Each	42.00	3,696.00	0.00	3,696.00	0.00	0.00	0.00	0.00	0.00
LPE	Field Engineer	0.23	40.48	Each	90.48	3,662.49	3,662.49	0.00	0.00	0.00	0.00	0.00	0.00
1.1.2	Field Measure for Submittals and Layout	Detail	1.00	LS	2,340.24	2,340.24	1,924.24	336.00	0.00	0.00	80.00	0.00	0.00
Production:													
Duration		Days	Shifts	Hours	Man-Hours	Equip-Hours	Cost / Duration						
1.00		1.00		8.00	16.00	8.00							
Resource Code	Description	Quantity	Pay Hours	UM	Unit Cost	Total Cost	Total Costs by Category						
LCJMSUP	Foreman	1.00	8.00	Each	141.42	1,131.36	1,131.36	0.00	0.00	0.00	0.00	0.00	0.00
CEFORTRK	Foreman Truck	1.00	8.00	Each	42.00	336.00	0.00	336.00	0.00	0.00	0.00	0.00	0.00
LCJM	Carpenter JM	1.00	8.00	Each	99.11	792.88	792.88	0.00	0.00	0.00	0.00	0.00	0.00
SSMLTOLS	Small Tools (\$10/hr)	1.00		Each	10.00	80.00	0.00	0.00	0.00	0.00	80.00	0.00	0.00

CBS Position Code	CI Description	Cost Source	Cost Item		Unit Cost	Total Cost	Total Costs by Category						
			Forecast (T/O) Quantity	UM			Labor	Owned Equipment	Rented Equipment	Materials	Supplies	Subcontract	Fees
1.1.3	Receive and Unload Pipe and Material	Detail	1.00	LS	6,470.98	6,470.98	3,554.64	776.00	527.20	0.00	80.00	0.00	1,533.14

Production:													
Duration	Days	Shifts	Hours	Man-Hours	Equip-Hours	Cost / Duration							
	1.00	1.00	8.00	32.00	24.00								
Resource Code	Description	Quantity	Pay Hours	UM	Unit Cost	Total Cost	Total Costs by Category						
LO8SUPER	Foreman	1.00	8.00	Each	141.42	1,131.36	1,131.36	0.00	0.00	0.00	0.00	0.00	0.00
CEFORTRK	Foreman Truck	1.00	8.00	Each	42.00	336.00	0.00	336.00	0.00	0.00	0.00	0.00	0.00
LPF	Mechanical Lead	1.00	8.00	Each	114.07	912.56	912.56	0.00	0.00	0.00	0.00	0.00	0.00
CECREWTRK	Crew Truck	1.00	8.00	Each	55.00	440.00	0.00	440.00	0.00	0.00	0.00	0.00	0.00
LL4	Labor Group 4	2.00	16.00	Each	94.42	1,510.72	1,510.72	0.00	0.00	0.00	0.00	0.00	0.00
SSMLTOLS	Small Tools (\$10/hr)	1.00		Each	10.00	80.00	0.00	0.00	0.00	0.00	80.00	0.00	0.00
REFORK10W	Forklift, Reach - 10k (weekly)	1.00	8.00	Each	70.04	560.34	0.00	0.00	527.20	0.00	0.00	0.00	33.14
UMOVE	Move-In/Out	1,500.00		LS	1.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00	1,500.00
1.1.4	Drill Anchors for Pipe Supports (72 each at 18" embedment)	Detail	72.00	Each	162.20	11,678.61	6,002.85	0.00	0.00	5,040.00	635.76	0.00	0.00

Production:													
Duration	Days	Shifts	Hours	Man-Hours	Equip-Hours	Cost / Duration							
	7.95	7.95	63.58	63.58	0.00								
Resource Code	Description	Quantity	Pay Hours	UM	Unit Cost	Total Cost	Total Costs by Category						
LL4	Labor Group 4	1.00	63.58	Each	94.42	6,002.85	6,002.85	0.00	0.00	0.00	0.00	0.00	0.00
SSMLTOLS	Small Tools (\$10/hr)	1.00		Each	10.00	635.76	0.00	0.00	0.00	0.00	635.76	0.00	0.00
SSMISCMATL	Misc Material (Structural)	5,040.00		Each	1.00	5,040.00	0.00	0.00	0.00	5,040.00	0.00	0.00	0.00

1.1.5	Install and Level Pipe Supports	Detail	1.00	LS		10,191.96	10,191.96	7,109.28	1,552.00	1,054.40	250.00	160.00	0.00	66.28
Production:														
Duration	Days	Shifts	Hours	Man-Hours	Equip-Hours	Cost / Duration								
	2.00	2.00	16.00	64.00	48.00									
Resource Code	Description	Quantity	Pay Hours	UM	Unit Cost	Total Cost	Total Costs by Category							
LO8SUPER	Foreman	1.00	16.00	Each	141.42	2,262.72	2,262.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CEFORTRK	Foreman Truck	1.00	16.00	Each	42.00	672.00	0.00	672.00	0.00	0.00	0.00	0.00	0.00	0.00
LPF	Mechanical Lead	1.00	16.00	Each	114.07	1,825.12	1,825.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CECREWTRK	Crew Truck	1.00	16.00	Each	55.00	880.00	0.00	880.00	0.00	0.00	0.00	0.00	0.00	0.00
LL4	Labor Group 4	2.00	32.00	Each	94.42	3,021.44	3,021.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SSMLTOLS	Small Tools (\$10/hr)	1.00		Each	10.00	160.00	0.00	0.00	0.00	0.00		160.00	0.00	0.00
SMMISCMATL	Misc Material (Mechanical)	250.00		Each	1.00	250.00	0.00	0.00	0.00	250.00	0.00		0.00	0.00
REFORK10W	Forklift, Reach - 10k (weekly)	1.00	16.00	Each	70.04	1,120.68	0.00	0.00	1,054.40	0.00	0.00		0.00	66.28

Cost Item							Total Costs by Category						
CBS Position Code	CI Description	Cost Source	Forecast (T/O) Quantity UM		Unit Cost	Total Cost	Labor	Owned Equipment	Rented Equipment	Materials	Supplies	Subcontract	Fees
1.1.6	Grout Supports	Detail	9.00	Each	454.46	4,090.16	2,612.66	742.50	0.00	600.00	135.00	0.00	0.00

Production:

Duration	Days	Shifts	Hours	Man-Hours	Equip-Hours	Cost / Duration							
	1.69	1.69	13.50	27.00	13.50								
Resource Code	Description	Quantity	Pay Hours	UM	Unit Cost	Total Cost	Total Costs by Category						
LCJM	Carpenter JM	1.00	13.50	Each	99.11	1,337.99	1,337.99	0.00	0.00	0.00	0.00	0.00	0.00
LL4	Labor Group 4	1.00	13.50	Each	94.42	1,274.67	1,274.67	0.00	0.00	0.00	0.00	0.00	0.00
CECREWTRK	Crew Truck	1.00	13.50	Each	55.00	742.50	0.00	742.50	0.00	0.00	0.00	0.00	0.00
SSMISCMATL	Misc Material (Structural)	600.00		Each	1.00	600.00	0.00	0.00	0.00	600.00	0.00	0.00	0.00
SSMLTOLS	Small Tools (\$10/hr)	1.00		Each	10.00	135.00	0.00	0.00	0.00	0.00	135.00	0.00	0.00

1.1.7	Install Pipe	Detail	1.00	LS	66,490.15	66,490.15	43,100.00	7,760.00	11,992.00	1,500.00	800.00	0.00	1,338.15
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Production:

Duration	Days	Shifts	Hours	Man-Hours	Equip-Hours	Cost / Duration							
	10.00	10.00	80.00	400.00	320.00								
Resource Code	Description	Quantity	Pay Hours	UM	Unit Cost	Total Cost	Total Costs by Category						
LO8SUPER	Foreman	1.00	80.00	Each	141.42	11,313.60	11,313.60	0.00	0.00	0.00	0.00	0.00	0.00
CEFORTRK	Foreman Truck	1.00	80.00	Each	42.00	3,360.00	0.00	3,360.00	0.00	0.00	0.00	0.00	0.00
LPF	Mechanical Lead	1.00	80.00	Each	114.07	9,125.60	9,125.60	0.00	0.00	0.00	0.00	0.00	0.00
CECREWTRK	Crew Truck	1.00	80.00	Each	55.00	4,400.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00
LL4	Labor Group 4	3.00	240.00	Each	94.42	22,660.80	22,660.80	0.00	0.00	0.00	0.00	0.00	0.00
SSMLTOLS	Small Tools (\$10/hr)	1.00		Each	10.00	800.00	0.00	0.00	0.00	0.00	800.00	0.00	0.00
SMMISCMATL	Misc Material (Mechanical)	1,500.00		Each	1.00	1,500.00	0.00	0.00	0.00	1,500.00	0.00	0.00	0.00
REFORK10W	Forklift, Reach - 10k (weekly)	1.00	80.00	Each	70.04	5,603.40	0.00	0.00	5,272.00	0.00	0.00	0.00	331.40
UMISRENT	Truck Crane for Unreachable Tanks	3,500.00		Each	1.00	3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00
REBOOM60W	Boom Lift - 60' (weekly)	1.00	80.00	Each	42.83	3,426.75	0.00	0.00	3,220.00	0.00	0.00	0.00	206.75
UMOVE	Move-In/Out	800.00		LS	1.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	800.00

Cost Item							Total Costs by Category						
CBS Position Code	CI Description	Cost Source	Forecast (T/O) Quantity	UM	Unit Cost	Total Cost	Labor	Owned Equipment	Rented Equipment	Materials	Supplies	Subcontract	Fees
1.1.8	*Remove and Reinstall Check Valves when Delivered	Detail	1.00	LS	16,483.64	16,483.64	8,620.00	1,552.00	4,502.40	750.00	160.00	0.00	899.24

Production:

Duration	Days	Shifts	Hours	Man-Hours	Equip-Hours	Cost / Duration							
	2.00	2.00	16.00	80.00	48.00								
Resource Code	Description	Quantity	Pay Hours	UM	Unit Cost	Total Cost	Total Costs by Category						
LO8SUPER	Foreman	1.00	16.00	Each	141.42	2,262.72	2,262.72	0.00	0.00	0.00	0.00	0.00	0.00
CEFORTRK	Foreman Truck	1.00	16.00	Each	42.00	672.00	0.00	672.00	0.00	0.00	0.00	0.00	0.00
LPF	Mechanical Lead	1.00	16.00	Each	114.07	1,825.12	1,825.12	0.00	0.00	0.00	0.00	0.00	0.00
CECREWTRK	Crew Truck	1.00	16.00	Each	55.00	880.00	0.00	880.00	0.00	0.00	0.00	0.00	0.00
LL4	Labor Group 4	3.00	48.00	Each	94.42	4,532.16	4,532.16	0.00	0.00	0.00	0.00	0.00	0.00
SSMLTOLS	Small Tools (\$10/hr)	1.00		Each	10.00	160.00	0.00	0.00	0.00	0.00	160.00	0.00	0.00
SMMISCMATL	Misc Material (Mechanical)	750.00		Each	1.00	750.00	0.00	0.00	0.00	750.00	0.00	0.00	0.00
REFORK10D	Forklift, Reach - 10k (daily)	1.00	16.00	Each	100.10	1,601.64	0.00	0.00	1,502.40	0.00	0.00	0.00	99.24
UMISRENT	Misc Rental	3,000.00		Each	1.00	3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00
UMOVE	Move-In/Out	800.00		LS	1.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	800.00
1.1.9	Pipe ID	Detail	1.00	LS	3,443.28	3,443.28	2,423.28	440.00	0.00	500.00	80.00	0.00	0.00

Production:

Duration	Days	Shifts	Hours	Man-Hours	Equip-Hours	Cost / Duration							
	1.00	1.00	8.00	24.00	8.00								
Resource Code	Description	Quantity	Pay Hours	UM	Unit Cost	Total Cost	Total Costs by Category						
LPF	Mechanical Lead	1.00	8.00	Each	114.07	912.56	912.56	0.00	0.00	0.00	0.00	0.00	0.00
CECREWTRK	Crew Truck	1.00	8.00	Each	55.00	440.00	0.00	440.00	0.00	0.00	0.00	0.00	0.00
LL4	Labor Group 4	2.00	16.00	Each	94.42	1,510.72	1,510.72	0.00	0.00	0.00	0.00	0.00	0.00
SSMLTOLS	Small Tools (\$10/hr)	1.00		Each	10.00	80.00	0.00	0.00	0.00	0.00	80.00	0.00	0.00
SMMISCMATL	Misc Material (Mechanical)	500.00		Each	1.00	500.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00



Cost Item							Total Costs by Category						
CBS Position Code	CI Description	Cost Source	Forecast (T/O) Quantity	UM	Unit Cost	Total Cost	Labor	Owned Equipment	Rented Equipment	Materials	Supplies	Subcontract	Fees
1.1.10	*Wash Down and Prepare Tanks and Pipe for Detail Chlroination and Pressure Testing		1.00	LS	5,508.68	5,508.68	4,310.00	776.00	322.00	0.00	80.00	0.00	20.68

Production:													
Duration		Days	Shifts	Hours	Man-Hours	Equip-Hours	Cost / Duration						
		1.00	1.00	8.00	40.00	24.00							
Resource Code	Description	Quantity	Pay Hours	UM	Unit Cost	Total Cost	Total Costs by Category						
LO8SUPER	Foreman	1.00	8.00	Each	141.42	1,131.36	1,131.36	0.00	0.00	0.00	0.00	0.00	0.00
CEFORTRK	Foreman Truck	1.00	8.00	Each	42.00	336.00	0.00	336.00	0.00	0.00	0.00	0.00	0.00
LPF	Mechanical Lead	1.00	8.00	Each	114.07	912.56	912.56	0.00	0.00	0.00	0.00	0.00	0.00
CECREWTRK	Crew Truck	1.00	8.00	Each	55.00	440.00	0.00	440.00	0.00	0.00	0.00	0.00	0.00
LL4	Labor Group 4	3.00	24.00	Each	94.42	2,266.08	2,266.08	0.00	0.00	0.00	0.00	0.00	0.00
SSMLTOLS	Small Tools (\$10/hr)	1.00		Each	10.00	80.00	0.00	0.00	0.00	0.00	80.00	0.00	0.00
REBOOM60W	Boom Lift - 60' (weekly)	1.00	8.00	Each	42.83	342.68	0.00	0.00	322.00	0.00	0.00	0.00	20.68
1.1.11	*Pressure Test Pipe and Vessels and Isolate Detail As Needed/Reinstall		1.00	LS	25,578.54	25,578.54	11,955.84	2,432.00	1,288.00	9,500.00	320.00	0.00	82.70

Production:													
Duration		Days	Shifts	Hours	Man-Hours	Equip-Hours	Cost / Duration						
		4.00	4.00	32.00	112.00	80.00							
Resource Code	Description	Quantity	Pay Hours	UM	Unit Cost	Total Cost	Total Costs by Category						
LO8SUPER	Foreman	0.50	16.00	Each	141.42	2,262.72	2,262.72	0.00	0.00	0.00	0.00	0.00	0.00
CEFORTRK	Foreman Truck	0.50	16.00	Each	42.00	672.00	0.00	672.00	0.00	0.00	0.00	0.00	0.00
LPF	Mechanical Lead	1.00	32.00	Each	114.07	3,650.24	3,650.24	0.00	0.00	0.00	0.00	0.00	0.00
CECREWTRK	Crew Truck	1.00	32.00	Each	55.00	1,760.00	0.00	1,760.00	0.00	0.00	0.00	0.00	0.00
LL4	Labor Group 4	2.00	64.00	Each	94.42	6,042.88	6,042.88	0.00	0.00	0.00	0.00	0.00	0.00
SSMLTOLS	Small Tools (\$10/hr)	1.00		Each	10.00	320.00	0.00	0.00	0.00	0.00	320.00	0.00	0.00
SMMISCMATL	Pipe Testing Materials, Valves, Gauges, Etc	9,500.00		Each	1.00	9,500.00	0.00	0.00	0.00	9,500.00	0.00	0.00	0.00
REBOOM60W	Boom Lift - 60' (weekly)	1.00	32.00	Each	42.83	1,370.70	0.00	0.00	1,288.00	0.00	0.00	0.00	82.70

Cost Item							Total Costs by Category						
CBS Position Code	CI Description	Cost Source	Forecast (T/O) Quantity	UM	Unit Cost	Total Cost	Labor	Owned Equipment	Rented Equipment	Materials	Supplies	Subcontract	Fees
1.1.12	*Support Chlorination of Pipe and Tanks	Detail	1.00	LS	9,321.28	9,321.28	7,109.28	1,552.00	0.00	500.00	160.00	0.00	0.00

Production:													
Duration		Days	Shifts	Hours	Man-Hours	Equip-Hours	Cost / Duration						
		2.00	2.00	16.00	64.00	32.00							
Resource Code	Description	Quantity	Pay Hours	UM	Unit Cost	Total Cost	Total Costs by Category						
LO8SUPER	Foreman	1.00	16.00	Each	141.42	2,262.72	2,262.72	0.00	0.00	0.00	0.00	0.00	0.00
CEFORTRK	Foreman Truck	1.00	16.00	Each	42.00	672.00	0.00	672.00	0.00	0.00	0.00	0.00	0.00
LPF	Mechanical Lead	1.00	16.00	Each	114.07	1,825.12	1,825.12	0.00	0.00	0.00	0.00	0.00	0.00
CECREWTRK	Crew Truck	1.00	16.00	Each	55.00	880.00	0.00	880.00	0.00	0.00	0.00	0.00	0.00
LL4	Labor Group 4	2.00	32.00	Each	94.42	3,021.44	3,021.44	0.00	0.00	0.00	0.00	0.00	0.00
SSMLTOLS	Small Tools (\$10/hr)	1.00		Each	10.00	160.00	0.00	0.00	0.00	0.00	160.00	0.00	0.00
SMMISCMATL	Misc Material (Mechanical)	500.00		Each	1.00	500.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
1.1.13	*Support GAC Media Fill/Backwash/Bed Rinse	Detail	1.00	LS	18,029.60	18,029.60	13,401.60	3,648.00	0.00	500.00	480.00	0.00	0.00

Production:													
Duration		Days	Shifts	Hours	Man-Hours	Equip-Hours	Cost / Duration						
		6.00	6.00	48.00	120.00	72.00							
Resource Code	Description	Quantity	Pay Hours	UM	Unit Cost	Total Cost	Total Costs by Category						
LO8SUPER	Foreman	0.50	24.00	Each	141.42	3,394.08	3,394.08	0.00	0.00	0.00	0.00	0.00	0.00
CEFORTRK	Foreman Truck	0.50	24.00	Each	42.00	1,008.00	0.00	1,008.00	0.00	0.00	0.00	0.00	0.00
LPF	Mechanical Lead	1.00	48.00	Each	114.07	5,475.36	5,475.36	0.00	0.00	0.00	0.00	0.00	0.00
CECREWTRK	Crew Truck	1.00	48.00	Each	55.00	2,640.00	0.00	2,640.00	0.00	0.00	0.00	0.00	0.00
LL4	Labor Group 4	1.00	48.00	Each	94.42	4,532.16	4,532.16	0.00	0.00	0.00	0.00	0.00	0.00
SSMLTOLS	Small Tools (\$10/hr)	1.00		Each	10.00	480.00	0.00	0.00	0.00	0.00	480.00	0.00	0.00
SMMISCMATL	Misc Material (Mechanical)	500.00		Each	1.00	500.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
1.1.14	*Support Start-up	Detail	1.00	LS	4,375.84	4,375.84	3,335.84	880.00	0.00	0.00	160.00	0.00	0.00

Production:													
Duration		Days	Shifts	Hours	Man-Hours	Equip-Hours	Cost / Duration						
		2.00	2.00	16.00	32.00	16.00							
Resource Code	Description	Quantity	Pay Hours	UM	Unit Cost	Total Cost	Total Costs by Category						
LPF	Mechanical Lead	1.00	16.00	Each	114.07	1,825.12	1,825.12	0.00	0.00	0.00	0.00	0.00	0.00
CECREWTRK	Crew Truck	1.00	16.00	Each	55.00	880.00	0.00	880.00	0.00	0.00	0.00	0.00	0.00
LL4	Labor Group 4	1.00	16.00	Each	94.42	1,510.72	1,510.72	0.00	0.00	0.00	0.00	0.00	0.00
SSMLTOLS	Small Tools (\$10/hr)	1.00		Each	10.00	160.00	0.00	0.00	0.00	0.00	160.00	0.00	0.00

Cost Item							Total Costs by Category						
CBS Position Code	CI Description	Cost Source	Forecast (T/O) Quantity	UM	Unit Cost	Total Cost	Labor	Owned Equipment	Rented Equipment	Materials	Supplies	Subcontract	Fees
1.1.15	Clean Up	Detail	1.00	LS	3,503.62	3,503.62	2,423.28	440.00	527.20	0.00	80.00	0.00	33.14
Production:													
Duration		Days	Shifts	Hours	Man-Hours	Equip-Hours	Cost / Duration						
		1.00	1.00	8.00	24.00	16.00							
Resource Code	Description	Quantity	Pay Hours	UM	Unit Cost	Total Cost	Total Costs by Category						
LPF	Mechanical Lead	1.00	8.00	Each	114.07	912.56	912.56	0.00	0.00	0.00	0.00	0.00	0.00
CECREWTRK	Crew Truck	1.00	8.00	Each	55.00	440.00	0.00	440.00	0.00	0.00	0.00	0.00	0.00
LL4	Labor Group 4	2.00	16.00	Each	94.42	1,510.72	1,510.72	0.00	0.00	0.00	0.00	0.00	0.00
SSMLTOLS	Small Tools (\$10/hr)	1.00		Each	10.00	80.00	0.00	0.00	0.00	0.00	80.00	0.00	0.00
REFORK10W	Forklift, Reach - 10k (weekly)	1.00	8.00	Each	70.04	560.34	0.00	0.00	527.20	0.00	0.00	0.00	33.14
1.1.16	*Labor Escalation	Plug	1,355.00	Hour	4.00	5,420.00	5,420.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Material Purchase	Detail	1.00	LS	233,889.26	233,889.26	0.00	0.00	0.00	500.00	0.00	233,389.26	0.00
Production:													
Duration		Days	Shifts	Hours	Man-Hours	Equip-Hours	Cost / Duration						
		0.00	0.00	0.00	0.00	0.00							
1.2.1	Steel Pipe	Quote	1.00	LS	118,525.00	118,525.00	0.00	0.00	0.00	0.00	0.00	118,525.00	0.00
Awardee: Southland Pipe Corporation													
1.2.2	*Mechanical	Quote	1.00	LS	83,796.70	83,796.70	0.00	0.00	0.00	0.00	0.00	83,796.70	0.00
Awardee: Kingmen Construction													
1.2.3	Pipe Supports	Quote	1.00	LS	31,067.56	31,067.56	0.00	0.00	0.00	0.00	0.00	31,067.56	0.00
Awardee: Nickolas Steel													
1.2.4	Tags	Plug	1.00	LS	500.00	500.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
1.3	Subcontractors	Detail	1.00	Each	196,635.78	196,635.78	7,200.00	0.00	0.00	0.00	0.00	189,435.78	0.00
Production:													
Duration		Days	Shifts	Hours	Man-Hours	Equip-Hours	Cost / Duration						
		5.00	5.00	40.00	40.00	0.00							
1.3.1	*Electrical and Instrumentation	Quote	1.00	Each	136,285.78	136,285.78	0.00	0.00	0.00	0.00	0.00	136,285.78	0.00
Awardee: Herman and Charles													
1.3.2	Painting and Coating	Quote	1.00	Each	31,490.00	31,490.00	0.00	0.00	0.00	0.00	0.00	31,490.00	0.00
Awardee: MC Painting													

Cost Item							Total Costs by Category						
CBS Position Code	CI Description	Cost Source	Forecast (T/O) Quantity	UM	Unit Cost	Total Cost	Labor	Owned Equipment	Rented Equipment	Materials	Supplies	Subcontract	Fees
1.3.3	*Paint Valves and Touch up Pipe after Swap Out	Plug	1.00	Each	9,750.00	9,750.00	0.00	0.00	0.00	0.00	0.00	9,750.00	0.00
1.3.4	Welder	Detail	1.00	Each	7,200.00	7,200.00	7,200.00	0.00	0.00	0.00	0.00	0.00	0.00
Production:													
Duration		Days	Shifts	Hours	Man-Hours	Equip-Hours	Cost / Duration						
		5.00	5.00	40.00	40.00	0.00							
Resource Code	Description	Quantity	Pay Hours	UM	Unit Cost	Total Cost	Total Costs by Category						
LWELDCS	Welder (Carbon Steel)	1.00	40.00	Each	180.00	7,200.00	7,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3.5	*X-Ray Slab for Rebar to Layout Pipe Supports (note 6 on S-001)	Plug	1.00	Each	2,850.00	2,850.00	0.00	0.00	0.00	0.00	0.00	2,850.00	0.00
1.3.6	*Chlorination	Plug	1.00	Each	4,500.00	4,500.00	0.00	0.00	0.00	0.00	0.00	4,500.00	0.00
1.3.7	*Pressure Test	Plug	24.00	Hour	190.00	4,560.00	0.00	0.00	0.00	0.00	0.00	4,560.00	0.00
Grand Total						652,810.10	156,165.28	26,582.50	20,213.20	19,640.00	3,410.76	422,825.04	3,973.33

Southland Pipe Corp.  
17220 Mojave Street, Hesperia, Ca. 92345  
California WBE Certified  
Southlandpipe.com / roman@southlandpipe.com  
Phone 909 873 3820 Extension 26

Date: 5/8/2025

Attention: Prospective Bidder

Reference: **Quotation**

Project: Fullerton Main North GAC Plant Train 4 & 5 Expansion For PFAS Treatment

Owner: Orange County Water District – City of Fullerton

**Scope of Work:**

Southland Pipe will provide complete supply and shop fabrication of steel pipe, fittings, groove couplings, and flanges, per the contract drawings for the following areas:

Steel Pipe per Sheets 9, 10, and 11 of 22:

Scope includes 24", 12" and 8" steel piping per Sheets 9, 10, and 11 of 22.

This quote is for import material, not domestic.

**Shipping:** FOB jobsite

**Protective Linings / Coatings:**

- (1) All pipe to be furnished with epoxy lining.
- (2) All pipe to be furnished with an epoxy prime coat only.

**Items Excluded:**

- (1) Valves, gauges, and air-vacs.
- (2) Nuts, bolts, and gaskets.
- (3) Pipe supports, straps, brackets, and hardware.
- (4) Small diameter pipe (below 4").
- (5) Test caps.

<b>Lump Sum Price:</b> \$110,000.00
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Southland Pipe Corp.  
17220 Mojave Street, Hesperia, Ca. 92345  
California WBE Certified  
Southlandpipe.com / roman@southlandpipe.com  
Phone 909 873 3820 Extension 26

- (1) Terms of Payment: 2%-10 days, net 30 days from Shipping / Invoice date
- (2) Delivery Terms: All deliveries by Southland Pipe Corp. truck and outside carriers is freight on board to jobsite. Contractor is responsible for all unloading and damage to any materials or trucking equipment during this time.
- (3) Overtime Unloading: All deliveries by Southland Pipe and/or outside carriers will be subject to overtime charges if the unloading time exceeds 90 minutes per load at a rate of \$75.00 per hour and will be added to the Invoice at the time of billing.
- (4) Estimated Delivery: Approximately ( 60 ) days from date of receipt of approved shop drawings and all materials.  
All deliveries are estimated and are subject to change due to the approval and return time of the detail shop drawings, our workload at time of approval and return, material availability, inclement weather, industry strikes, shop drawings and/or piping revisions, and production hold requests. Estimated delivery dates will be given in writing only five days from receipt of approved shop drawings. No material will be purchased until the detailed shop drawings submittal is approved.
- (5) Extra Charges: We reserve the right to readjust our quotation based on changes to the contract documents, submittal review time exceeding 45 days, tariffs, and market fluctuations. Delivery is based on fully loaded trucks. Any partial or rush deliveries will be at customer's expense.
- (6) Shop Drawings: Allow ( 2 ) weeks to prepare the detailed shop drawings after receipt of purchase order or letter of intent. A 45 day allowance will be given for shop drawing approval.
- (7) Quoted Prices: Price is firm for ( 30 ) days.
- (8) Sales Tax: This quotation does not include taxes of any kind.

\*All sales are subject to Southland Pipe Corporation's Terms and Conditions of Sale.

Roman Aguiniga  
Southland Pipe Corp.

# PROPOSAL

PROPOSAL ID	QUOTE NO.	DATE
FULLERTON NORTH GAC	99670	05/12/25

LN#	PRODUCT AND DESCRIPTION		QTY	UM	PRICE	TOTAL
1	PBVF08E	8 LSXP11 FLG BUTTERFLY VLV OL BSN 250B/125	4	EA	1997.28	7989.12
2	PBVH2	MDT-2S HANDWHEEL 3-12 VLV W/ROLL PIN	4	EA	221.29	885.16
3	SCV-08#	8 150# SILENT GLOBE CHECK VALVE 56,585.36	8	EA	7073.17	<del>28292.68</del>
4	WBFV-08#	8 150# WAFER BUTTERFLY VALVE W/ LEVER	2	EA	2134.15	4268.30
5	BN24-B8M#	24 150# T316 B8M B/N/W SET	4	EA	687.80	2751.20
6	24-8-FFNA#	24 150# 1/8 FF NON ASB GASKET	4	EA	53.09	212.36
7	BN8-B8M	8 B8M 316 SS B/N/W SET 150# 3/4X3-3/4	4	SET	76.65	3066.00
8	8-8-FFNA	8X1/8 150# FULL FACE NA GSKT 603.36	4	EA	12.57	502.80
9	BN12-B8M	12 B8M 316 SS B/N/W SET 150# 7/8X4	4	SET	132.21	528.84
10	12-8-FFNA	12X1/8 150# FULL FACE NA GSKT	4	EA	24.49	97.96
11						
12	- METER TEST TAP -					
13	S3116HB014010#	1-1/2 X 1 150 316 THRD BUSHIN	2	EA	13.00	26.00
14	S8346NI010030#	1 X 3 S40 316/L WELD NIPPLE	2	EA	6.85	13.70
15	SSBV-100	1 SS 316 BALL VLV	2	EA	64.50	129.00
16	- SUBTOTAL -					168.70
17	BID TOTAL					<del>48763.12</del> 77,769.56
NOTE: THIS PROPOSAL DOES NOT INCLUDE SALES TAX.						

NOTE: THIS PROPOSAL DOES NOT INCLUDE SALES TAX.

Red marks are the changes to the quote that are required to incorporate the purchase of 4 more valves for the lead time issue

# **NICKOLAS STEEL, INC.**



816 S. CUCAMONGA AVE. ONTARIO, CA 91761

PHONE: (714) 738-4647 FAX: (714) 738-1841

EMAIL: [nick@nicksteelinc.com](mailto:nick@nicksteelinc.com) or [elan@nicksteelinc.com](mailto:elan@nicksteelinc.com)

We submit for your consideration and acceptance the following proposal to supply miscellaneous metalwork for:

PROJECT: OCWD FULLERTON MAIN NORTH GAC PLANT TRAIN 4 & 5 EXPANSION FOR PFAS TREATMENT

BID DATE: 5/9/2025

LOCATION: FULLERTON, CA

SPECS. PER: 09900

ADDENDA : NONE

DWG. NO.	QTY	DESCRIPTION
D-101	5	GALVANIZED PIPE RACK, 7'-9" MAX, 4-TIER, FOR 8" AND 24" PIPE, PER DET. 2/S-501, AND NOTE 69. <b>NO PAINT</b>
D-101	2	GALVANIZED PIPE RACK, 7'-9" MAX, 4-TIER, FOR 8" AND 12" PIPE, PER DET. 1/S-501, AND NOTE 82. <b>NO PAINT</b>
D-101	2	GALVANIZED PIPE RACK, 7'-9" MAX, 4-TIER, FOR 8" PIPE, PER DET. 1/S-501, AND NOTE 82. <b>NO PAINT</b>

**LUMP SUM PRICE OF \$28,833.00 PLUS TAX, FOB JOB SITE**

VERY RESPECTFULLY,

**NICKOLAS STEEL, INC.**

*Elan Magenovich*

PLEASE SEE FINAL PAGE FOR CONDITIONS AND EXCLUSIONS





# **NICKOLAS STEEL, INC.**

816 S. CUCAMONGA AVE. ONTARIO, CA 91761

PHONE: (714) 738-4647 FAX: (714) 738-1841

EMAIL: [nick@nicksteelinc.com](mailto:nick@nicksteelinc.com) or [elan@nicksteelinc.com](mailto:elan@nicksteelinc.com)

## **CONDITIONS/CLAUSES**

SHOP DRAWINGS SUBMITTED IN ELECTRONIC/"PDF." FORMAT ONLY. SUBMITTAL REVISIONS DUE TO CUSTOMER OR OWNER CHANGES WILL BE BILLED AT A RATE OF \$155/HR FOR ADDITIONAL DETAILING.

SUBMITTAL DRAWINGS 6-8 WEEKS FROM RECEIPT OF ORDER/PO

ALL STAINLESS STEEL AND ALUMINUM ITEMS FURNISHED "MILL FINISHED", U.N.O.

FASTENERS FOR ALL METAL TO METAL CONNECTIONS, AS WELL AS CAST IN PLACE ANCHOR BOLTS, ARE INCLUDED.

QUOTE VALID FOR 30 DAYS AFTER BID DATE.

ALUMINUM COMPONENT HANDRAIL SYSTEMS ARE POP-RIVETED TYPE, WITH 0.7 MIL CLEAR ANODIZING, FURNISHED SUB-ASSEMBLED AND PROVIDED WITH STANDARD CALCULATIONS.

ALL PRICES AND LEAD TIMES BASED ON NICKOLAS STEEL'S ABILITY TO PROCURE REQUIRED MATERIALS FROM LOCAL SUPPLIERS

**ESCALATION CLAUSE.** IF DURING THE PERFORMANCE OF THIS CONTRACT, THE PRICE OF MATERIALS SIGNIFICANTLY INCREASES, THROUGH NO FAULT OF NICKOLAS STEEL, INC, THE PRICE OF SAID MATERIALS UNDER THIS AGREEMENT SHALL BE EQUITABLY ADJUSTED BY AN AMOUNT REASONABLY NECESSARY TO COVER ANY SUCH SIGNIFICANT PRICE INCREASES. AS USED HEREIN, A SIGNIFICANT PRICE INCREASE SHALL MEAN ANY INCREASE IN PRICE EXCEEDING 20 PERCENT (20%) EXPERIENCED BY NICKOLAS STEEL, INC. FROM 120 DAYS FROM THE DATE OF THE CONTRACT SIGNING. SUCH PRICE INCREASES SHALL BE DOCUMENTED THROUGH QUOTES, INVOICES, OR RECEIPTS. ANY STATE, COUNTY OR CITY FEES INCREASED DURING THE CONTRACT PERIOD SHALL ALSO BE PASSED ONTO BUYER.

**TARIFF ESCALATION CLAUSE/TARIFF ADJUSTMENTS.** IN THE EVENT THAT, DURING THE TERM OF THIS PROPOSAL OR CONTRACT, ANY NEW OR INCREASED TARIFFS, DUTIES, TAXES, OR OTHER GOVERNMENT-IMPOSED CHARGES (COLLECTIVELY, "TARIFFS") ARE APPLIED TO THE STEEL OR ALUMINUM PRODUCTS SUPPLIED UNDER THIS CONTRACT, INCLUDING BUT NOT LIMITED TO IMPORT DUTIES, CUSTOMS FEES, OR TRADE-RELATED LEVIES, THE SELLER RESERVES THE RIGHT TO ADJUST THE CONTRACT PRICE TO REFLECT THE ADDITIONAL COSTS DIRECTLY RESULTING FROM SUCH TARIFFS.

## **TERMS**

NET 30, NO RETENTION

## **EXCLUSIONS U.N.O.**

ENGINEERS CALCULATIONS

SHEET METAL/METAL DECKING

SAFETY BELT/HARNESSES

SANDBLAST/FINISH PAINT-COATING

INSTALLATION/ERECTION

WEDGE OR EPOXY ANCHORS

SPECIAL INSPECTIONS/PERMITS

AISC CERTIFICATION/CERTIFIED SHOP

GRATING SUPPORTS NOT SHOWN

FIELD MEASUREMENTS

"AMERICAN IRON AND STEEL"



Herman and Charles Inc.  
1833 Riverview Dr Ste D  
San Bernardino, CA 92408  
C-10 #1086284  
DIR #1000859957  
SB/DBE # 2027055

## RFC 03

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### 24-3022 — Water Well 7A Equipping Project COR Subject: Added FIT's and Instruments for North GAC

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<b>To</b>	<b>Elijah Estrada</b> <b>Kingmen Construction, Inc.</b> <b>4200 Chino Hills Parkway</b> <b>Suite 135/221</b> <b>Chino Hills, CA 91709</b> <b>9096-529-1747 ext 103</b>	<b>COR Number: 24-3022-03.1</b> <b>COR Revision Number: 1</b> COR Date: 5/12/2025 Work Type: Price / Do Not Proceed Days Valid: <b>30</b>
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<b>Return To</b>	<b>Mike Denning</b> <b>Herman And Charles Inc.</b> <b>1833 Riverview Dr</b> <b>Suite D</b> <b>San Bernardino, CA 92408</b> <b>951-205-1637</b> <b>951-205-1637</b> <b>mike.denning@hermancharles.com</b>
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### Scope Of Work / Time Extension Request

Herman and Charles (HC) proposal RFC 03.1 for Added FIT's for North GAC area and added conduit and wiring for existing GAC instruments. HC proposal based on OCWD Ful-North Plant 100% Plans and specs. HC will provide (2) 8" Magnetic Flowmeters for others to install. HC to provide conduit and wiring as shown on the drawings for flowmeter power and controls, and for (4) PDIT signals and (4) ZSO controls. HC will provide loop drawings, startup, testing for added instruments, and Factory calibration certificate for flowmeters.

All PLC and SCADA Programming is excluded.

Note: added PDIT conduit size: 1" for (2) PDIT signal cables. Added ZSO conduit size: 1" for (2) ZSO control wires (4#12).

Conduit is PVC Coated GRC, single conductor is THHN.

HC expects existing home run signal and control conduits to PFAS Control Panel from the existing GAC vessel pad area. New home run conduits are excluded from the proposal. If new home run conduits are required, HC will submit a separate proposal.

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### Summary

<b>Total:</b>	<b>\$136,285.78</b>
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### Reservation of Rights

This COR does not include any amount for impacts such as interference, disruptions, rescheduling, changes in the sequence of work, delays and/or associated acceleration. We expressly reserve the right to submit our request for any of these items.

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Signed By:

A handwritten signature in black ink, appearing to read "Mike Denning". The signature is fluid and cursive, with a prominent initial "M" and a long, sweeping underline.

Mike Denning

Operations

Dated: 5/12/2025

	Description	Quantity	Unit	Net Cost	Total Material	Date	Labor	Unit	Total Hours	Labor Condition
1	1" CONDUIT - RMC - GALV PVC CTD	360	C	1,215.60	4,376.16	4/2/2025	8.50	C	30.60	Normal
2	1" COUPLING - RMC - GALV PVC CTD	18	C	1,269.94	228.59	4/2/2025	35.00	C	6.30	Normal
3	1" ELBOW 90 DEG - RMC - GALV PVC CTD	26	C	3,991.62	1,037.82	4/2/2025	48.00	C	12.48	Normal
4	1" CONN THRD HUB W/ GRD LUG - RMC - MALL OR STL PVC CTD	8	C	10,326.96	826.16	4/2/2025	47.00	C	3.76	Normal
5	1" TYPE C STD CONDUIT BODY - RMC - MALL PVC CTD	7	E	131.85	922.95	4/2/2025	1.03	E	7.21	Normal
6	1" TYPE T STD CONDUIT BODY - RMC - MALL PVC CTD	4	E	170.58	682.32	6/11/2025	1.29	E	5.16	Normal
7	1" MALE TO FEM UNION - PVC CTD	11	E	146.47	1,611.17	4/2/2025	0.88	E	9.68	Normal
8	1" 2-PC STRUT CLAMP - RMC PVC CTD	68	C	1,706.77	1,160.60	4/2/2025	8.38	C	5.70	Normal
9	3/4" FLEX - LIQUIDTIGHT METALLIC - GRAY	40	C	300.24	120.10	6/11/2025	6.19	C	2.48	Normal
10	1" FLEX - LIQUIDTIGHT METALLIC - GRAY	20	C	452.16	90.43	1/22/2025	7.38	C	1.48	Normal
11	3/4" CONN STRAIGHT - LIQUIDTIGHT DIECAST	8	C	1,010.55	80.84	6/11/2025	21.25	C	1.70	Normal
12	3/4" CONN 90 DEG - LIQUIDTIGHT DIECAST	8	C	1,839.07	147.13	6/11/2025	21.25	C	1.70	Normal
13	1" CONN STRAIGHT - LIQUIDTIGHT NYLON	4	C	3,920.08	156.80	8/2/2023	12.25	C	0.49	Normal
14	1" CONN 90 DEG - LIQUIDTIGHT NYLON	4	C	8,117.74	324.71	8/2/2023	14.63	C	0.59	Normal
15	#12 THHN BLACK	5,500	M	516.00	2,838.00	3/19/2025	6.44	M	35.42	Normal
16	#2 BARE COPPER - 7-STRAND	20	M	20,389.19	407.78	3/19/2025	17.50	M	0.35	Normal
17	#16- 1P TW SHLD INST TRAY CBL	1,800	M	1,200.00	2,160.00	5/8/2025	11.50	M	20.70	Normal
18	16x 14x 6" BOX CONT HNG - NEMA 4X	3	E	1,046.52	3,139.56	3/20/2024	1.50	E	4.50	Normal
19	#10 SOL - #2 STRD TO 3/4" GRD ROD CLAMP	2	E	6.03	12.06	10/18/2023	0.19	E	0.38	Normal
20	#2 WIRE TEE/WYE SPLICE (45g)	4	E	13.50	54.00	5/8/2025	0.31	E	1.24	Normal
21	1/2-13 SPRING NUT 1 3/8 OR 1 5/8" STRUT	136	C	379.21	515.73	8/16/2023	5.00	C	6.80	Normal
22	6x 6x 1 5/8" POST BASE - SQUARE MNT 1-1 5/8x 1 5/8" STRUT	44	C	11,284.27	4,965.08	6/15/2022	10.00	C	4.40	Normal
23	1 5/8x 1 5/8x xxG CHANNEL - S/S	136	E	22.50	3,060.00	5/8/2025	17.50	C	23.80	Normal
24	1/2-13x 5 1/2 WEDGE ANCHOR - 2 1/4" MIN DEPTH - 316 S/S	176	C	808.52	1,423.00	3/26/2025	20.00	C	35.20	Normal
25	1/2-13x 2 BOLT HEX HEAD - S/S	136	C	75.71	102.97	1/16/2014	7.25	C	9.86	Normal
26	1/2" FLAT WASHER - S/S	136	C	12.96	17.63	6/10/2009	1.25	C	1.70	Normal
27	1/2" LOCK WASHER - S/S	136	C	10.69	14.54	10/8/2014	1.25	C	1.70	Normal
28	20A 1P BREAKER BOLT-ON	2	E	61.43	122.86	12/11/2023	0.19	E	0.38	Normal
29	GROUNDING FORMAGS	2	E	450.00	900.00	6/5/2024	8.00	E	16.00	Normal
30	FIT LABOR	2	E	90.00	180.00	5/8/2025	4.00	E	8.00	Normal
31	STARTUP	3	E	90.00	270.00	5/8/2025	4.00	E	12.00	Normal
32	INSTRUMENT LABOR	8	E	50.00	400.00	6/19/2025	2.00	E	16.00	Normal
	Totals	8,832			32,348.97				287.75	

	Labor Type	Crew	Hours	Rate \$	SubTotal	Total	FullRate	Code	Type
16	GENFOREMAN	1.00	95.92	119.74	11,485.46	11,485.46	119.74	IBEW	
18	JOURNEYMAN	1.00	95.92	101.20	9,707.10	9,707.10	101.20	IBEW	
19	APPRENTICE @ 80%	1.00	95.92	69.06	6,624.24	6,624.24	69.06	IBEW	
	Totals	3.00	287.76	96.67	27,816.80	27,816.80	96.67		

	Indirect Labor	Lab %	Hours	Rate \$	SubTotal	Brdn %	Frng \$	Brdn Tot.	Frng Tot.	Total	FullRate	Code	Type
8	ENGINEERING		12.00	185.00	2,220.00					2,220.00	185.00		
	Totals		12.00	185.00	2,220.00					2,220.00	185.00		

	Subcontractors	Alarm	Cost	Adjustment %	Adjustment \$	Adj Cost	Tax(%)	Overhead %	Markup %	Total	Vendor	Notes	Code
2	I&CINTEGRATORS	Off	44,885.00			44,885.00			15.000	51,617.75	ndi		
	Totals		44,885.00			44,885.00			6,732.75	51,617.75			

	Subcontractors	Type
2	I&CINTEGRATORS	
	Totals	

	General Expenses	Alarm	Quantity	Field	Duration	Cost/Unit	Total Cost	Tax(%)	Markup %	Total
1	DIRECTEXPENSE	Off	287.76	DirLb Hours		2.00	575.52	7.750	15.000	713.14
12	CONSUMABLES	Off	32,348.97	Ext Total M		0.02	646.98	7.750	15.000	801.69
	Totals						1,222.50	94.74	197.59	1,514.83

	Equipment	Alarm	Quantity	Field	Duration	Cost/Unit	Total Cost	Tax(%)	Markup %	Total
14	FORKLIFT(per HOUR)	Off	1.00	<None>	16.00	52.38	838.08	7.750	15.000	1,038.48
26	FOREMANTRUCKWITHTOOLS	Off	287.76	DirLb Hours	0.50	42.00	6,042.96	7.750	15.000	7,487.98
	Totals						6,881.04	#####	1,112.14	8,526.46

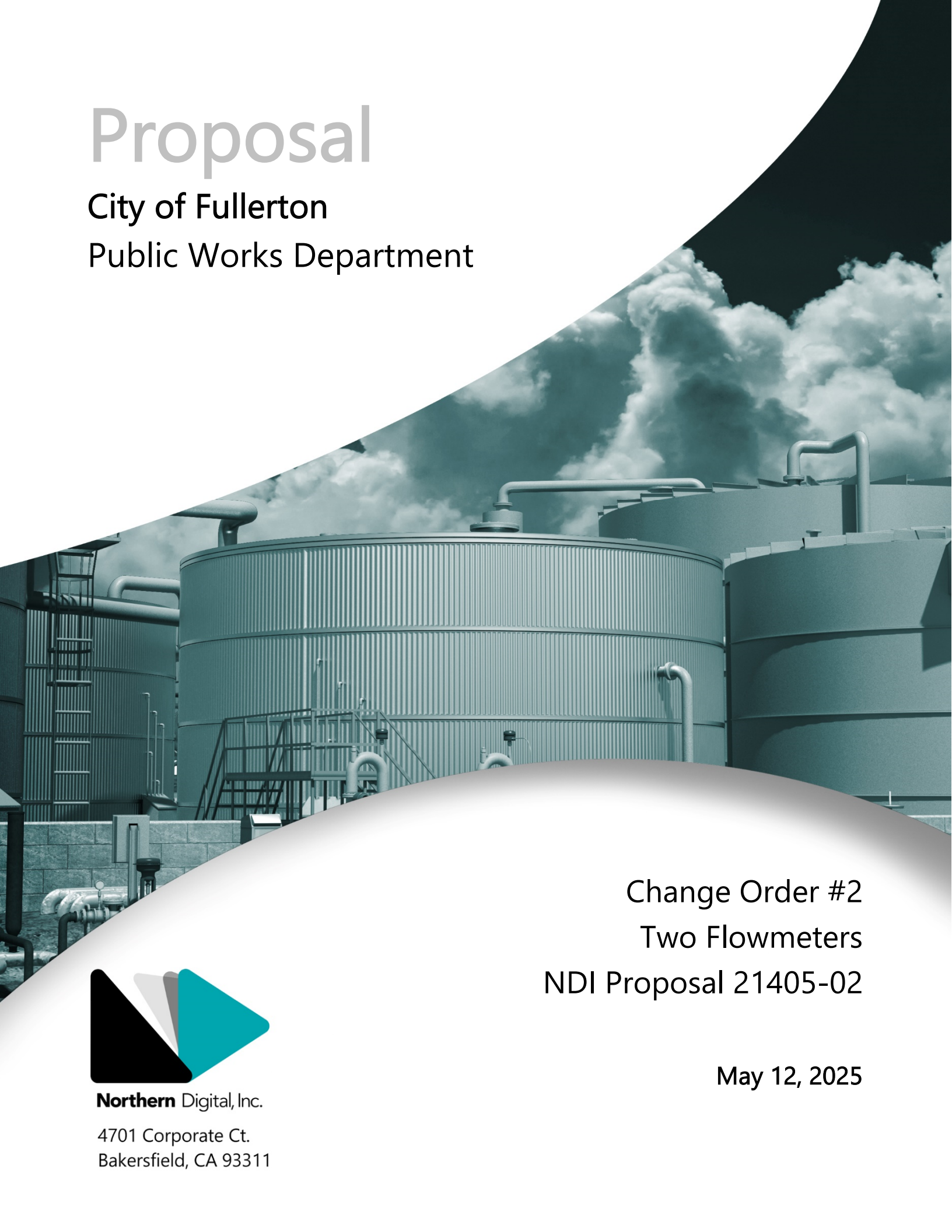
	Final Pricing	Calculated (%)	Calculated (\$)	Variance (%)	Modified (\$)	Modified (%)	Alarm	Code
	Database Material (Extension)		27,128.97		27,128.97			
	Quoted Material (Extension)		5,220.00		5,220.00			
	Material Tax	7.750	2,507.05		2,507.05	7.750		
	Material Total		34,856.02		34,856.02			
	Direct Labor		27,816.80		27,816.80			
	Indirect Labor		2,220.00		2,220.00			
	Labor Total		30,036.80		30,036.80			
	Subcontractors		44,885.00		44,885.00			
	General Expenses		1,317.24		1,317.24			
	Equipment		7,414.32		7,414.32			
	Total Cost		118,509.38		118,509.38			
	Database Material Markup	15.000	4,384.72		4,384.72	15.000		

	Final Pricing	Calculated (%)	Calculated (\$)	Variance (%)	Modified (\$)	Modified (%)	Alarm	Code
	Quoted Material Markup	15.000	843.68		843.68	15.000		
	Labor Markup	15.000	4,505.52		4,505.52	15.000		
	Subcontractors Markup	15.000	6,732.75		6,732.75	15.000		
	General Expenses Markup	15.000	197.59		197.59	15.000		
	Equipment Markup	15.000	1,112.14		1,112.14	15.000		
	Total Markup	15.000	17,776.40		17,776.40	15.000		
	Selling Price		136,285.78		136,285.78			
	Final Price		136,285.78		136,285.78			

# Proposal

City of Fullerton

Public Works Department



Change Order #2

Two Flowmeters

NDI Proposal 21405-02

May 12, 2025



**Northern** Digital, Inc.

4701 Corporate Ct.  
Bakersfield, CA 93311



May 12, 2025

Herman & Charles

ATTN: First, Last

**RE: CHANGE ORDER PROPOSAL TO PROVIDE THE CITY OF FULLERTON WITH TWO 8" FLOW METERS**

Please find NDI's change order #2 to provide I&C services related to the addition of two (2) flow meters. Please see the **clarifications** section for further details on clarifications & exclusions.

NDI has over **37+ years of industry experience** and has an extensive background in providing control systems engineering services in numerous Oil & Gas Production as well as Water/Wastewater Industry applications. **Northern Digital is an industry leader in providing technical solutions and integration services** to a wide variety of Oil & Gas Production Companies as well as Water Agencies, Municipalities, and Independent Water Companies. Our core value of **relationships forged in commitment** aims to develop lasting partnerships with our clients. NDI strives to ensure that we meet or exceed all of your project expectations.

We are grateful for this opportunity to submit our proposal to your organization. Should you have any questions or concerns, please don't hesitate to reach out to me. Thank you and we are excited at the prospect of working with your team.

Sincerely,

**Joseph Marcus**

Northern Digital, Inc.

Vice President, Business Development

W: 661.322.6044

M: 661.319.4015

E: joseph.marcus@ndi.us



## Cost Breakdown

### COST BREAKDOWN

Total Cost: \$ 29,900.00

### LABOR

The following project submittals will be included as defined in the specifications:

1. Engineering Deliverables:
  - a. Engineering Design Document Submittals
    - i. Field Instrument Submittal for Instruments provided by NDI
    - ii. ISA Loop Drawings for NDI-provided instruments
    - iii. Calibration Forms for NDI-provided Instruments
2. Hardware Deliverables:
  - a. Provide Instrumentation as shown on the Material Breakdown below.
3. Field Deliverables:
  - a. Perform Calibrations & Loop Checks on NDI-provided Instruments
  - b. Onsite Training

### MATERIAL

DESCRIPTION	TAG #	MFG	PART #	QTY
8" MAGNETIC FLOW METER	FIT-5700 FIT-5900	ABB	FEV125.200 (OR EQUAL)	2.00

### CLARIFICATIONS

Northern Digital has the following clarifications:

1. Proposal includes a sales tax on materials.
2. Proposal includes a shipping cost associated with instrumentation.

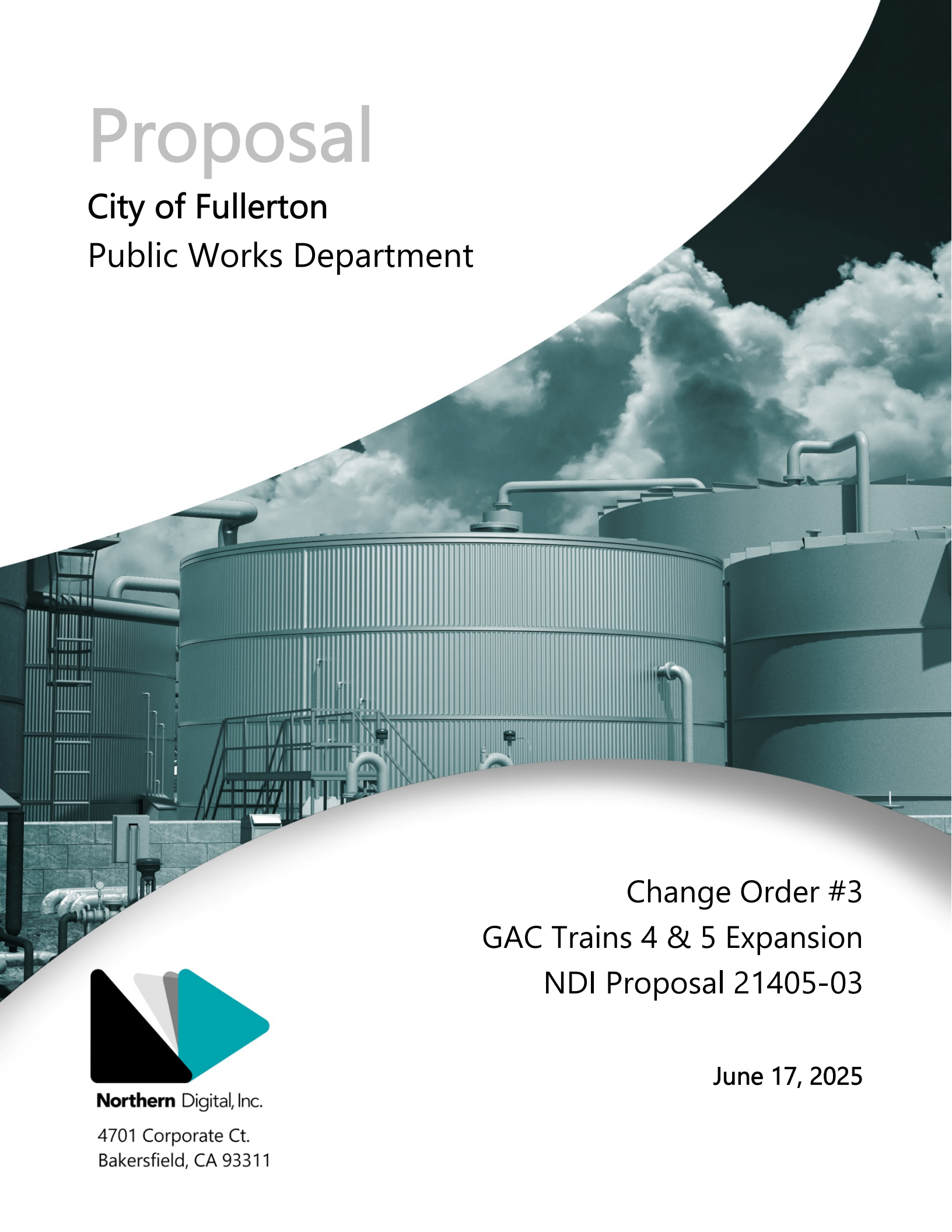
### PAYMENT TERMS

**Progress payments** are required. Monthly billing is based on a Schedule of Values. Payments are due net 30 days from date of invoice. All invoice amounts, which are 30 days past due will be subject to an interest penalty of 1.5% per month or the highest interest rate allowed by law.

# Proposal

City of Fullerton

Public Works Department



Change Order #3  
GAC Trains 4 & 5 Expansion  
NDI Proposal 21405-03

June 17, 2025



**Northern** Digital, Inc.

4701 Corporate Ct.  
Bakersfield, CA 93311

June 17, 2025

Herman & Charles

ATTN: First, Last

**RE: CHANGE ORDER PROPOSAL TO PROVIDE THE CITY OF FULLERTON WITH I&C SERVICES ASSOCIATED WITH GAC TRAINS 4 & 5**

Please find NDI's change order #3 to provide I&C services related to the expansion of GAC Vessels. NDI will be providing Loop drawings and loop checks for instrumentation associated with GAC Trains 4 & 5. Please see the **clarifications** section for further details on clarifications & exclusions.

NDI has over **37+ years of industry experience** and has an extensive background in providing control systems engineering services in numerous Oil & Gas Production as well as Water/Wastewater Industry applications. **Northern Digital is an industry leader in providing technical solutions and integration services** to a wide variety of Oil & Gas Production Companies as well as Water Agencies, Municipalities, and Independent Water Companies. Our core value of **relationships forged in commitment** aims to develop lasting partnerships with our clients. NDI strives to ensure that we meet or exceed all of your project expectations.

We are grateful for this opportunity to submit our proposal to your organization. Should you have any questions or concerns, please don't hesitate to reach out to me. Thank you and we are excited at the prospect of working with your team.

Sincerely,

**Joseph Marcus**

Northern Digital, Inc.

Vice President, Business Development

W: 661.322.6044

M: 661.319.4015

E: joseph.marcus@ndi.us



## Cost Breakdown

### COST BREAKDOWN

Total Cost:     \$ 14,985.00

### LABOR

The following project submittals will be included as defined in the specifications:

1. Engineering Deliverables:
  - a. Engineering Design Document Submittals
    - i. ISA Loop Drawings for instrumentation at GAC Trains 4 & 5
2. Hardware Deliverables:
  - a. None.
3. Field Deliverables:
  - a. Perform Calibrations & Loop Checks for instrumentation at GAC Trains 4 & 5

### CLARIFICATIONS

Northern Digital has the following clarifications:

1. Proposal excludes PLC, OIT and SCADA programming.
2. NDI is not providing any material as part of this proposal. Excludes any and all hardware and instrumentation associated with this change order.

### PAYMENT TERMS

**Progress payments** are required. Monthly billing is based on a Schedule of Values. Payments are due net 30 days from date of invoice. All invoice amounts, which are 30 days past due will be subject to an interest penalty of 1.5% per month or the highest interest rate allowed by law.





504 Jones Road, Oceanside, CA 92058 (760) 599-8000 Phone (760)599-8775 Fax  
www.mc-painting.com  
CA Lic #695478 / AZ #154363 / NV #50770 / HI #35227

Proposal # GT25-42

PROPOSAL SUBMITTED TO: Kristina De La Torre	EMAIL kdelatorre@kingmen.com	WORK TO BE PERFORMED AT: Fullerton Main North GAC Plant Train 4&5 Expansion
CONTRACTOR: Kingmen Construction, Inc.	DATE: 5/9/2025	JOB SITE ADDRESS: Fullerton, CA

WE HEREBY PROPOSE THE FOLLOWING:

Cost:

1 Section 09900 Painting and Coating: Preparation(SSPC SP-1 & SP-2) and finish coating of new exposed steel piping, valves and pipe supports. **Note: No field coating of existing piping to be performed by MCP as part of this proposal.**

\$ 31,490.00

Qualifications:

1 Work to be done during normal business hours.

2 Work to be completed in 1 mobilization included in proposal

3 Work to be completed in normal construction sequences. Out of sequence work will be subject to additional compensation.

4 Work to be completed with sufficient areas of work to facilitate estimated production rates.

5 Receipt of Addendum: N/A

Comments & Notations:

1 Cost for Payment and Performance Bonds are excluded

2 Areas to receive coatings must be free of all other trades, stored material and equipment

3 All ferrous metal must be shop primed by others with compatible primer except galvanized metal

4 Standard one- year warranty, any extended warranty by specifications is between manufacture and owner

5 All electricity, bathrooms, water, dumpsters, and permits must be provided by general contractor

6 All Items must be set up on dunnage by others that are to be painted before installation

Exclusions:

1 Painting or priming required by other sections, coating or lining of interior pipe surfaces, painting of aluminum, copper, brass, repair of metal items

2 Any buried metal items, painting of factory finished items, painting of existing metal items, concrete repair and rebar replacement, cleaning or removal of staining and efflorescence from CMU

3 Any shop applied coatings, hiring of third party AMPP/NACE inspection, painting of existing items (except those included above), building of mock-ups

4 Removal of hardware, labeling and pipe identification, repair or grinding of welds, painting of air compressors, painting of MCC, painting of electrical equipment or conduit, caulking

5 Any protection of coating once installed, removal or replacement of items, non shrink grout to slope slab, concrete sealer, coating of tanks or filter vessels, coating of wrought iron gates and panels

6 QP-1 Certification, Signing of PLA's

**Proposal Total: \$31,490.00**

ALTERNATES:

1

2

All labor, material and equipment to be supplied by MC Painting. Proposal includes work as outlined above only. We are not responsible for touch-up on nuts, bolts, and flanges if piping is not properly water tested before application of coatings. All material is guaranteed to be as specified, and the work to be performed in accordance with drawings and specifications submitted for above work and completed in a substantial workmanlike manner for the sum of Total Dollars: \$ see above with payments made as follows: Monthly progress payments per project documents, if duration less than one month, due in full upon completion. The parties agree in the event of a dispute relating to this agreement, the prevailing party shall be entitled to an award of attorneys' fees and costs as part of the judgment/award. This contract represents the entire agreement between the parties. Any modifications to this agreement must be in writing, signed by both parties. Any alteration or deviation from above specifications involving extra costs, will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance upon above work. Workmen's compensation and public liability insurance on above work to be taken out by: MC Painting.... Note- This proposal may be withdrawn by us if not accepted within: 60days

Respectfully Submitted: Gabriel Torres Email: Gabriel@mc-painting.com

Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified.  
Payments will be made as outlined above. A contract issued for above work constitutes acceptance of this proposal as scope of work.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

