



RAVA CONSTRUCTION, LLC

CHANGE ORDER	
Project	0233 Laredo Jefferson WTP - West HSPS & 30 inch - 36 inch Discharge Line Replacement
Change Order Number	CO 001 – Provide and install a 25-ft stainless steel ladder inside the wet well
	CO 002 – RFI20 Added 2 conduits for future pump 4
	CO 003 – Additional Power System Study
	CO 004 – Rangeline Tapping 60" X 48" Carbon Steel Install, test and tap with materials.
Date	11/19/2025

Original Contract Information	
General Contractor	RAVA CONSTRUCTION, LLC
Value Original Contract	\$11,650,000.00
Contract Start Day	10/23/2024
Original Contract Completion Day	7/15/2026

Change Order Description	
CO 001 – Provide and install a 25-ft stainless steel ladder inside the wet well	\$25,570.00
CO 002 – RFI20 Added 2 conduits for future pump 4	\$19,830.00
CO 003 – Additional Power System Study	\$7,171.42
CO 004 – Rangeline Tapping 60" X 48" Carbon Steel Install, test and tap with materials.	\$439,133.40

Total Budget	\$491,704.82
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Impact on the Schedule	
Material delivery time:	50 days
Execution Timeframe:	37 days
Additional Time Requested:	24 days
Additional Time Requested for raining days:	6 days
Additional Time Requested for stopping works for reparations in the Jefferson WTP:	4 days
Additional Time Requested due to delay in clearwell delivery to RAVA's team.	25 days
Total Additional Time Requested :	59 days

Contractor	RAVA CONSTRUCTION LLC
Francisco Paz	Date
Project Manager	

Recommended for Payment	Binkley & Barfield / DCCM
Li Chen	Date
Sr. Project Manager	

Recommended for Payment	City of Laredo
Oscar Martel	Date
Project Manager	

Approved	City of Laredo
DR. TAREQ AL-ZABET, PH.D	Date
EXECUTIVE DIRECTOR, UTILITIES DEPARTMENT	



Laredo, November 19, 2025

0233 Laredo Jefferson WTP - West HSPS & 30 inch - 36 inch Discharge Line Replacement

CO 001 – Provide and install a 25-ft stainless steel ladder inside the wet well

To: Dr. Tareq G. Al-Zabet, Utilities Department Director

Please find below the budgetary proposal requested by engineering designer, covering the necessity of access to the wet well for maintenance.

Scope of Work Overview:

RAVA will provide and install a 25-ft stainless steel ladder inside the wet well. The work plan, developed in coordination with our safety department, management team, and Laredo Jefferson WTP leadership, includes:

1. **Preparation**
 - Mobilize scaffolding inside the wet well.
 - Ensure OSHA-compliant working area protection.
2. **Installation**
 - Drill and epoxy anchors into the concrete wall
 - Install stainless steel ladder (25 ft)
 - Utilize lifting equipment, air compressor, and auxiliary tools.
3. **Demobilization & Cleanup**
 - Remove scaffolding upon completion
 - Clean the wet well

Total Budget CO 002 - 0233 Laredo Jefferson WTP Work: \$25,570.00

Contingency included: \$00.00

Work Status: Pending

Material delivery time: 10 days

Execution Timeframe: 3 days

Additional Time Requested: 3 days

Quotation valid for: 14 days

Please advise if additional details or scope adjustments are required.

RAVA Construction, LLC

Francisco Paz,
Business Unit Leader
RAVA Construction, LLC





RAVA CONSTRUCTION, LLC

CHANGE ORDER	
Project	0233 Laredo Jefferson WTP - West HSPS & 30 inch - 36 inch Discharge Line Replacement
Change Order Number	CO 001 – Provide and install a 25-ft stainless steel ladder inside the wet well
Date	11/19/2025
Original Contract Information	
General Contractor	RAVA CONSTRUCTION, LLC
Value Original Contract	\$11,650,000.00
Contract Start Day	10/23/2024
Original Contract Completion Day	7/15/2026
Change Order Description	
Reason for the Change	These budgetary proposal requested by engineering designer, covering the necessity of access to the wet well for maintenance.
Detailed Description	RAVA will provide and install a 25-ft stainless steel ladder inside the wet well. The work plan, developed in coordination with our safety department, management team, and Laredo Jefferson WTP leadership, includes:
1. Preparation	
o Supply and Install scaffolding inside the wet well.	\$1,300.00
o Ensure OSHA-compliant working area protection.	\$400.00
2. Installation	
o Drill and epoxy anchors into the concrete wall	\$2,200.00
o Supply and Install stainless steel ladder (25 ft)	\$12,500.00
o Utilize lifting equipment, air compressor, and auxiliary tools.	\$1,500.00
3. Demobilization & Cleanup	
o Remove scaffolding upon completion	\$600.00
o Clean the wet well	\$600.00
General Conditions	\$3,605.00
15% Contractor	\$2,865.00
Total Budget	\$25,570.00
Impact on the Schedule	
Material delivery time:	10 days
Execution Timeframe:	3 days
Additional Time Requested:	3 days
Contractor	RAVA CONSTRUCTION LLC
Francisco Paz Project Manager	Date
Recommended for Payment	Binkley & Barfield / DCCM
Li Chen Sr. Project Manager	Date
Recommended for Payment	City of Laredo
Oscar Martel Project Manager	Date
Approved	City of Laredo
DR. TAREQ AL-ZABET, PH.D EXECUTIVE DIRECTOR, UTILITIES DEPARTMENT	Date



Laredo, November 19, 2025

0233 Laredo Jefferson WTP - West HSPS & 30 inch - 36 inch Discharge Line Replacement

CO 002 – RFI20 Added 2 conduits for future pump 4

To: Dr. Tareq G. Al-Zabet, Utilities Department Director

Please find below the budgetary proposal requested by engineering designer, covering the necessity of RFI20 Added 2 conduits for future Pump 4

Scope of Work Overview:

RAVA will provide and install 2 conduits for future Pump 4, including excavation, installing, pouring, backfilling and compacting, all equipment and small tools. The work planned was developed in coordination with our safety department, management team, and Laredo Jefferson WTP leadership.

Total Budget CO 002 - 0233 Laredo Jefferson WTP Work: \$19,830.00

Contingency included: \$00.00

Work Status: Executed

Material delivery time: done

Execution Timeframe: 10 days

Additional Time Requested: 0 days

Quotation valid for: project timeframe

Please advise if additional details or scope adjustments are required.

RAVA Construction, LLC

Francisco Paz,
Business Unit Leader
RAVA Construction, LLC





RAVA CONSTRUCTION, LLC

CHANGE ORDER	
Project	0233 Laredo Jefferson WTP - West HSPS & 30 inch - 36 inch Discharge Line Replacement
Change Order Number	CO 002 – RFI20 Added 2 conduits for future pump 4
Date	11/19/2025
Original Contract Information	
General Contractor	RAVA CONSTRUCTION, LLC
Value Original Contract	\$11,650,000.00
Contract Start Day	10/23/2024
Original Contract Completion Day	7/15/2026
Change Order Description	
Reason for the Change	These budgetary proposal requested by engineering designer, covering the necessity of RFI20 Added 2 conduits for future Pump 4.
Detailed Description	RAVA will provide and install 2 conduits for future Pump 4, including excavation, installing, pouring, backfilling and compacting, all equipment and small tools. The work planned was developed in coordination with our safety department, management team, and Laredo Jefferson WTP leadership.
o Ad excavation	\$1,300.00
o Ad two 2" conduits to ductbank 8	\$2,500.00
o Ad pouring	\$3,200.00
o Ad backfilling	\$1,200.00
o Ad compacting	\$2,000.00
o Equipment	\$1,500.00
o Small tools	\$997.00
o Surveior and labor	\$2,042.00
General Conditions	\$2,880.15
15% Contractor	\$2,210.85
Total Budget	\$19,830.00
Impact on the Schedule	
Material delivery time:	Done
Execution Timeframe:	10 days
Additional Time Requested:	None
Contractor	RAVA CONSTRUCTION LLC
Francisco Paz Project Manager	Date
Recommended for Payment	Binkley & Barfield / DCCM
Li Chen Sr. Project Manager	Date
Recommended for Payment	City of Laredo
Oscar Martel Project Manager	Date
Approved	City of Laredo
DR. TAREQ AL-ZABET, PH.D EXECUTIVE DIRECTOR, UTILITIES DEPARTMENT	Date



Laredo, November 19, 2025

0233 Laredo Jefferson WTP - West HSPS & 30 inch - 36 inch Discharge Line Replacement

CO 003 – Additional Power System Study

To: Dr. Tareq G. Al-Zabet, Utilities Department Director

Please find below the

Scope of Work Overview:

RAVA will provide additional Power System Study. The work planned was developed in coordination with our safety department, management team, and Laredo Jefferson WTP leadership.

Total Budget CO 003 - 0233 Laredo Jefferson WTP Work: \$7,171.42

Contingency included: \$00.00

Work Status: Pending

Material delivery time: done

Execution Timeframe: 3 days

Additional Time Requested: 0 days

Quotation valid for: project timeframe

Please advise if additional details or scope adjustments are required.

RAVA Construction, LLC

Francisco Paz,
Business Unit Leader
RAVA Construction, LLC





RAVA CONSTRUCTION, LLC

CHANGE ORDER	
Project	0233 Laredo Jefferson WTP - West HSPS & 30 inch - 36 inch Discharge Line Replacement
Change Order Number	CO 003 – Additional Power System Study
Date	11/19/2025
Original Contract Information	
General Contractor	RAVA CONSTRUCTION, LLC
Value Original Contract	\$11,650,000.00
Contract Start Day	10/23/2024
Original Contract Copletion Day	7/15/2026
Change Order Description	
Reason for the Change	These budgetary proposal requested by engineering designer, covering the necessity of Additional Power System Study.
Detailed Description	RAVA will provide additional Power System Study. The work planned was developed in coordination with our safety department, management team, and Laredo Jefferson WTP leadership.
o Provide additional Power System Study	\$5,312.16
General Conditions	\$1,062.43
15% Contractor	\$796.82
Total Budget	\$7,171.42
Impact on the Schedule	
Material delivery time:	pending
Execution Timeframe:	3 days
Additional Time Requested:	none
Contractor	
RAVA CONSTRUCTION LLC	
Francisco Paz Project Manager	Date
Recommended for Payment	
Binkley & Barfield / DCCM	
Li Chen Sr. Project Manager	Date
Recommended for Payment	
City of Laredo	
Oscar Martel Project Manager	Date
Approved	
City of Laredo	
DR. TAREQ AL-ZABET, PH.D EXECUTIVE DIRECTOR, UTILITIES DEPARTMENT	Date



Laredo, November 19, 2025

0233 Laredo Jefferson WTP - West HSPS & 30 inch - 36 inch Discharge Line Replacement

CO 004 – Rangeline Tapping 60" X 48" Carbon Steel Install, test and tap with materials.

To: Dr. Tareq G. Al-Zabet, Utilities Department Director

Please find below the budgetary proposal.

Scope of Work Overview:

Within the current scope, RAVA will provide JCM 416 T2FW three-piece tapping nozzle with split full wrapper paired with J&S resilient wedge FLxMJ gate valves w/ 150# flange kit and gasket and spur gear.

Following a joint evaluation by our safety department, management team, and Laredo Jefferson WTP leadership, the following work plan has been established:

1. **Preparation & excavation:**
 - Remove existing light pole.
 - Excavation for a working area of 30' x 20' x 17' with 4 feet steps according to OSHA standards.
 - Two ladders will be placed to facilitate entry into the working area.
 - Lights to guarantee the correct illumination of the working area.
 - Crane available all time.
 - OSHA-compliant working area protection and rescue basket.
2. **Tapping nozzle:**
 - Install JCM 416 T2FW three-piece tapping nozzle with split full wrapper paired with J&S resilient wedge FLxMJ gate valves w/ 150# flange kit and gasket and spur gear.
 - All lifting equipment, air compressor and small auxiliary equipment.
3. **Commissioning & Cleanup:**
 - Upon completion, the tap system will be tested to confirm proper operation.
 - All equipment will be dismantled and removed from the site.
 - Backfill and compacting working area.
 - Reinstall light pole.
4. **Jefferson WTP is responsible for following:**
 - Pumps for de-watering
 - Providing a water source for pressure testing materials.

Total Budget CO 001 - 0233 Laredo Jefferson WTP Work: **\$439,133.40**

Contingency included: **\$17,000**

Work Status: Pending

Material delivery time: 40 days

Execution Timeframe: 21 days

Additional Time Requested: 21 days

Quotation valid for: 14 days

Please let us know if you require any additional details or adjustments to the scope.

RAVA Construction, LLC

Francisco Paz,
Business Unit Leader
RAVA Construction, LLC





RAVA CONSTRUCTION, LLC

CHANGE ORDER	
Project	0233 Laredo Jefferson WTP - West HSPS & 30 inch - 36 inch Discharge Line Replacement
Change Order Number	CO 004 – Rangeline Tapping 60" X 48" Carbon Steel Install, test and tap with materials.
Date	11/19/2025
Original Contract Information	
General Contractor	RAVA CONSTRUCTION, LLC
Value Original Contract	\$11,650,000.00
Contract Start Day	10/23/2024
Original Contract Completion Day	7/15/2026
Change Order Description	
Reason for the Change	These budgetary proposal requested by Laredo Jefferson WTP, covering the necessity of installing a T connection to an operating pipe.
Detailed Description	RAVA will provide JCM 416 T2FW three-piece tapping nozzle with split full wrapper paired with J&S resilient wedge FLxMJ gate valves w/ 150# flange kit and gasket and spur gear.
1. Preparation & excavation:	
o Remove existing light pole.	\$1,300.00
o Excavation for a working area of 30' x 20' x 17' with 4 feet steps according to OSHA standards.	\$25,000.00
o Two ladders will be placed to facilitate entry into the working area.	\$600.00
o Lights to guarantee the correct illumination of the working area.	\$1,800.00
o Crane available all time.	\$15,000.00
o OSHA-compliant working area protection and rescue basket.	\$1,500.00
2. Tapping nozzle:	
o Supply and Install JCM 416 T2FW three-piece tapping nozzle with split full wrapper paired with J&S resilient wedge FLxMJ gate valves w/ 150# flange kit and gasket and spur gear.	\$236,284.00
o All lifting equipment, air compressor and small auxiliary equipment.	\$3,000.00
3. Commissioning & Cleanup:	
o Upon completion, the tap system will be tested to confirm proper operation.	\$2,500.00
o All equipment will be dismantled and removed from the site.	\$3,000.00
o Backfill and compacting working area.	\$34,000.00
o Reinstall light pole.	\$1,300.00
4. Jefferson WTP is responsible for following:	
o Pumps for de-watering	
o Providing a water source for pressure testing materials.	\$325,284.00
General Conditions	\$65,056.80
15% Contractor	\$48,792.60
Total Budget	\$439,133.40
Impact on the Schedule	
Material delivery time:	40 days
Execution Timeframe:	21 days
Additional Time Requested:	21 days
Contractor	
	RAVA CONSTRUCTION LLC
Francisco Paz	
Project Manager	Date
Recommended for Payment	
	Binkley & Barfield / DCCM
Li Chen	
Sr. Project Manager	Date
Recommended for Payment	
	City of Laredo
Oscar Martel	
Project Manager	Date
Approved	
	City of Laredo
DR. TAREQ AL-ZABET, PH.D	
EXECUTIVE DIRECTOR, UTILITIES DEPARTMENT	Date