



November 8, 2024

John Porter, R.E.M., C.F.M., C.P.M.  
Solid Waste Director  
City of Laredo  
6912 TX-359 #10  
Laredo, Texas 78043

**Re: City of Laredo Landfill Phase 4 and 5 Construction TCEQ MSW Permit No. 1693B:  
Engineer's Letter of Recommendation for Project Approval and Acceptance**

Dear Mr. Porter,

AZ&B, an Ardurra Company, is recommending that the City of Laredo Landfill Phase 4 and 5 Construction TCEQ MSW Permit No. 1693B to be approved and accepted per City of Laredo contract requirements. On Wednesday, September 11, 2024, at 10:00 am a pre-final walkthrough site inspection was conducted by representatives of AZ&B/Ardurra (Engineer), City of Laredo (Owner), and 4X Construction (Contractor). All items noted during the pre-final walkthrough, as well as the HDPE pipe repair, have been addressed.

This letter will serve as certification that the Contractor is substantially complete with the work in accordance with the plans, specifications, contract documents, addenda, change orders and approved supplemental agreements thereto. The Contractor has submitted the following documents:

- Final Change Order
- Final Applications and Certificate for Payment No. 8 and No. 9
- Affidavit of Payment of Debts and Claims and Release of Liens
- City of Laredo Warranty Statement Form
- Pre-Final Walkthrough Punch List

If you have any questions or require additional information regarding this project, please feel free to contact me at (956) 462-5511 or via email [ihinojosa@ardurra.com](mailto:ihinojosa@ardurra.com).

Sincerely,

Ignacio Hinojosa, P.E.  
Client Services Manager  
AZ&B/Ardurra Group, Inc.  
TBPELS Firm Reg. # F-10053



Enclosures: Attachment No. 1 – Final Change Order  
Attachment No. 2 – Final Applications and Certificate for Payment No. 8 and No. 9  
Attachment No. 3 – Affidavit of Payment of Debts and Claims and Release of Liens  
Attachment No. 4 – City of Laredo Warranty Statement Form  
Attachment No. 5 – Pre-Final Walkthrough Punch List

Attachment No. 1:  
Final Change Order

Project: **City of Laredo Landfill Phase 4 and 5 Cell Construction TCEQ MSW Permit 1693B**Contractor: 4X Construction Group, LLC  
99 Regency Parkway, Suite 303  
Mansfield, Texas 76063

You are hereby requested to comply with the following changes from the contract plans and specifications.  
This document shall become an amendment to the contract and all provisions of the contract shall apply thereto.

**CHANGES IN CONTRACT DOCUMENT**

ITEM No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	INCREASE	DECREASE	COST
1	Credit for unused allowance (Flex Base)	988.44	SY	\$ 11.00	\$ 0.00	\$ (10,872.84)	\$ (10,872.84)
2	Credit for unused allowance (Reinforced Concrete Bollards)	6	EA	\$ 1,200.00	\$ 0.00	\$ (7,200.00)	\$ (7,200.00)
3	Credit for unused allowance (Contingency Item with Construction Contract)	177.16	DOL	\$ 1.00	\$ 1.00	\$ (177.16)	\$ (177.16)
4	Credit for unused Light Plant Work	1	LS	\$ 2,450.00	\$ 0.00	\$ (2,450.00)	\$ (2,450.00)
5	Reconnect Existing NE Sump	1	LS	\$ 18,250.00	\$ 18,250.00	\$ 0.00	\$ 18,250.00
6	30" Class IV Reinforced Concrete Pipe	64	LF	\$ 271.85	\$ 17,398.40	\$ 0.00	\$ 17,398.40
7	Poured Pipe Collar	4	EA	\$ 700.00	\$ 2,800.00	\$ 0.00	\$ 2,800.00
<b>TOTAL</b>							<b>\$ 17,748.40</b>

**CONTINGENCY ALLOWANCE**

ITEM No.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	INCREASE	DECREASE	COST
8	ALLOWANCE AUTHORIZATION NO. 1	1	LS	\$ 347,980.00	\$ 0.00	\$ 0.00	\$ 347,980.00
<b>TOTAL</b>							<b>\$ 347,980.00</b>
Contingency Allowance							<b>\$ 350,000.00</b>
Allowance Remaining:							<b>\$ (2,020.00)</b>

Noted Additional Working Days to be approved on this Change Order:  
Inclement Weather Days Claimed

49
0

Original Contract:

\$ 4,778,499.00

Original Contract Time: 200 Working Days

Total Increase:

\$ 15,728.40

Additional Contract Time: 49 Working Days

Total Decrease:

\$ 0.00

Current Contract Time

Current contract amount :

**\$ 4,794,227.40****249 Working Days****Justification:**

Item 1 - (6" Flex Base for Roadway): Reduction in cost and scope of not placing road base and building west access ramp.
Item 2 - (Reinforced Concrete Bollards): Original quantity of Reinforced Concrete bollards was 10 EA. City decided that 6 EA were not necessary.
Item 3 - (Unused Contingency Item): Credit for unused allowance Contingency Item with Construction Contract.
Item 4 - (Unused Light Plant Work): Credit for unused Light Plant Work.
Item 5 - (Reconnect Existing NE Sump): City asked that NE Sump be reconnected, not shown in original project documents.
Item 6 - (30" Class IV Reinforced Concrete Pipe): Installation of 30" Class IV Reinforced Concrete Pipe to aid in protection of pipe.
Item 7 - (Pour Pipe Collar): Placement of pipe collar.
Item 8 - (Allowance Authorization No. 1)

Note: See attached letter proposals submitted by the Contractor and City direction for the changes requested herein this change order.

Recommended by: Date: 11/6/2024Accepted by: Date: 11/6/2024
  
 Ignacio Hinojosa, P.E.  
 Ardura Group, Inc.

  
 Contractor:  
 4X Construction Group, LLC  
 Jeff Parrish

Approved by: Date: \_\_\_\_\_

Approved by: Date: \_\_\_\_\_

 John Porter, REM, CFM, CPM  
 Director of Solid Waste

 Joseph Neeb  
 City Manager

Approved by: Date: \_\_\_\_\_

Approved by: Date: \_\_\_\_\_

 Mario Maldonado, Jr.  
 City Secretary

 Doanh "Zone" T. Nguyen  
 City Attorney

## **Change Order Request No. 1**

### **Items 1-8**

- 1) Credit for unused allowance (Flex Base)
- 2) Credit for unused allowance (Reinforced Concrete Bollards)
- 3) Credit for unused allowance (Contingency Item with Construction Contract)
- 4) Credit for unused Light Plant Work
- 5) Reconnecting Existing NE Sump
- 6) 30" Class IV Reinforced Concrete Pipe
- 7) Poured Pipe Collar
- 8) Allowance Authorization No. 1

# 4X Construction Group, LLC

99 Regency Parkway, STE 303  
Mansfield, Texas 76063

Phone: 817-779-3290  
Fax: 817-779-3291

C.O.R.  
No. 002

**TO:** City of Laredo  
John Porter

**PROJECT:**

Laredo Landfill  
Phase 4/5 Construction

## CHANGE ORDER REQUEST

### DESCRIPTION

Mr. Porter, please see attached pricing for miscellaneous project changes.

Should you have any questions or concerns, please contact me at 817-779-3290. Thank you.

Requestor: Jeff Parrish  
Date: 21-August-24



**4X Construction Group, LLC**  
**99 Regency Parkway, STE 303**  
**Mansfield, TX 76063**  
**817-779-3290**

**COR - Class IV RCP and Concrete Collars**

Quote To: **John Porter**  
**City of Laredo**

Job Name: **Laredo Landfill**  
Location: **Laredo, TX**  
Owner: **City of Laredo**  
Proposal Date: **10/1/2024**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
CO-003.1	30" Class IV Reinforced Concrete Pipe	64.00	LF	\$ 271.85	\$ 17,398.40
CO-003.2	Poured Pipe Collar	4.00	EA	\$ 700.00	\$ 2,800.00
					\$ 20,198.40

**NOTES:**

1. Pricing is based on the following:
  - Drawing given on 10/3/2024
  - Road base only to go where it had been previously placed in this area.



**4X Construction Group, LLC**  
**99 Regency Parkway, STE 303**  
**Mansfield, TX 76063**  
**817-779-3290**

**COR - Bollard Reduction / Roadway Reduction / Reconnect Existing NE Sump**

Quote To: **John Porter**  
**City of Laredo**

Job Name: **Laredo Landfill**  
Location: **Laredo, TX**  
Owner: **City of Laredo**  
Proposal Date: **9/9/2024**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2.4	6" Flex Base for Roadway	(988.44)	SY	\$ 11.00	\$ (10,872.84)
2.10	Reinforced Concrete Bollards	(6.00)	EA	\$ 1,200.00	\$ (7,200.00)
3	Contingency Item with Construction Contract	(177.16)	DOL	\$ 1.00	\$ (177.16)
CO-002	Reconnect Existing NE Sump	1.00	LS	\$ 18,250.00	\$ 18,250.00
				\$	-

**NOTES:**

1. Pricing is based on the following:
  - A. Original quantity of Reinforced Concrete bollards was 10 EA. City Management has decided that 6 EA were not necessary
  - B. City Management decided to delete the west access ramp into the Cell (-984.44 SY)
  - C. City Management has asked that the NE Sump be reconnected, not shown in original project documents.
2. Additional Time for this work is 14 days due to materials needed for the Reconnection of the NE Sump

Attachment No. 2:  
Final Applications and Certificate for Payment No. 8  
and No. 9

**CITY OF LAREDO  
CONTRACTOR'S APPLICATION FOR PAYMENT**

PROJECT: "City of Laredo Landfill Phase 4 and 5 Cell Construction TCEQ MSW Permit  
No 1693B"

ESTIMATE NO.: 9

 11/14/2024

DATE FROM: 11/7/2024  
TO: 11/7/2024

ORIGINAL CONTRACT: \$ 4,778,499.00  
CHANGE ORDERS: \$ 15,718.40  
15,728.40  
TOTAL TO DATE: \$ 4,794,227.40  
% COMPLETE: 100.00%

<b>TOTAL WORK TO DATE:</b>	<b>\$ 4,794,227.40</b>
<b>MATERIALS ON HAND:</b>	<b>\$ 0.00</b>
<b>5% RETAINAGE:</b>	<b>\$ 0.00</b>
<b>PREVIOUS PAYMENTS:</b>	<b>\$ 4,554,516.03</b>
<b>AMOUNT DUE:</b>	<b>\$ 239,711.37</b>

**CERTIFICATE OF CONTRACTOR:**

I certify that all items and amounts shown on this request for partial payment are correct and that all work has been performed and/or materials supplied in full in accordance with the requirements on the contract documents.

documents:  
**(CONTRACTOR)**

By: Jeff Kels 11/8/2024  
Date

**CERTIFICATE OF FIELD REPRESENTATIVE:**

I have checked this request for partial payment against the notes and reports of my inspections of the project and in my opinion the statement of work performed and/or material supplied is accurate and that the contractor is observing the requirements of the contract documents.

(INSPECTOR )

By: \_\_\_\_\_  
City of Laredo Date \_\_\_\_\_

**CERTIFICATE OF ENGINEER:**

I certify that I have checked and verified the above and foregoing request for partial payment and that it is a true and correct statement of work performed and/or material supplied by the contractor and that same has been performed and/or supplied in full accordance with the requirements of the contract documents.

**has been performing  
(CONSULTANT)**

By: John H. H. 11/8/2024  
City of Laredo Date

**RECOMMENDED FOR PAYMENT:**

**VERIFIED FOR PAYMENT:**

Ramon E. Chavez, P.E, City Engineer  
DATE:

Engineering Project Manager  
DATE:

APPROVED FOR PAYMENT: DATE:

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## Finance Department

## AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS AND RELEASE OF LIENS

**TO: CITY OF LAREDO  
WEBB COUNTY, TEXAS**

**PROJECT: "City of Laredo Landfill Phase 4 and 5 Cell Construction TCEQ MSW  
Permit No 1693B"**

By this instrument the undersigned contractor engaged in the construction of the above project certifies that on this date, or anytime prior thereto, except listed below, contractor has paid in full or has otherwise satisfied all obligations for all materials and for all known indebtedness and claims against the project, its land, improvements and equipment of every kind.

The undersigned hereby certifies that he has received all payments currently due under his contract for work on the project above referred. Therefore, the undersigned does hereby waive and/or release any and all liens against the property, project and as of the 8th day of November, 2024.

4X Construction Group, LLC  
Company Name

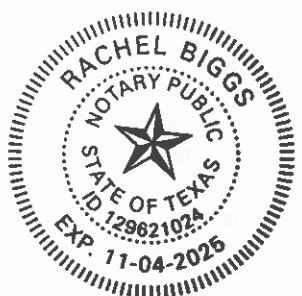
STATE OF TEXAS:

COUNTY OF Tarrant:

Before me, the undersigned authority, on this day personally appeared Jeff Parrish, known to me to be the person whose name is subscribed to the foregoing instrument, and being first duly sworn, acknowledge to me that he executed the same for the purposes and consideration therein expressed and declared to me that the statements therein are true.

SWORN AND SUBSCRIBED TO before me this 8th day of November, 2024.

NOTARY PUBLIC   
MY COMMISSION EXPIRES: 11/04/2025





## 4X CONSTRUCTION GROUP, LLC

99 Regency Parkway, Suite 303  
Mansfield, Texas 76063

817-779-3290 Phone  
817-779-3291 Fax

## INVOICE

**SOLD TO:  
CITY OF LAREDO  
1110 HOUSTON STREET  
LAREDO, TEXAS 78040-0579**

Project Number: 1322  
Description: LAREDO LANDFILL PHAS  
Invoice Number: 1322-09  
Period Begin: 11/7/2024  
Period End: 11/7/2024  
**Invoice Date:** **11/7/2024**

Item	Description	Quantity	UOM	Unit Price	Total
1.1	Mobilization and Demobilization	0.00	LS	\$ 221,400.00	\$ -
1.2	Demolition	0.00	LS	\$ 21,000.00	\$ -
1.3	Excavation (including hauling and stockpiling the excavated material)	0.00	CY	\$ 3.50	\$ -
1.4	Subgrade Fill (at 95% standard proctor density as per Section 31 23 00)	0.00	CY	\$ 2.00	\$ -
1.5	Separation Liner Fill (minimum 36" compacted buffer fill)	0.00	CY	\$ 2.00	\$ -
1.6	Subgrade Preparation - Floor (vertical tolerance -0.2 ft to +0.0 ft)	0.00	SF	\$ 0.12	\$ -
1.7	Subgrade Preparation - Side Slope (vertical tolerance -0.2 ft to +0.0 ft)	0.00	SF	\$ 0.15	\$ -
1.8	Non-Reinforced Geosynthetic Clay Liner (GCL) -Floor	0.00	SF	\$ 0.65	\$ -
1.9	Reinforced Geosynthetic Clay Liner (GCL) - Side Slopes	0.00	SF	\$ 0.87	\$ -
1.10	60 Mil HDPE Geomembrane - Smooth, Complete in Place (no additional quantity paid for overlap)	0.00	SF	\$ 0.62	\$ -
1.11	60 Mil HDPE Geomembrane - Textured, Complete in Place (no additional quantity paid for overlap)	0.00	SF	\$ 0.67	\$ -
1.12	Geocomposite Drainage Layer (single sided) for Composite Liner, Complete in Place	0.00	SF	\$ 0.51	\$ -
1.13	Geocomposite Drainage Layer (double sided) for Composite Liner, Complete in Place	0.00	SF	\$ 0.68	\$ -
1.14	Protective Soil Cover (2 ft thick measured perpendicular from the liner), Complete in Place (vertical)	0.00	CY	\$ 5.95	\$ -
1.15	Protective Cover Berm	0.00	LF	\$ 12.00	\$ -
1.16	Separation Liner Reinforced Geosynthetic Clay Liner (GCL)	0.00	SF	\$ 0.85	\$ -
1.17	Separation Liner 60 Mil HDPE Geomembrane - Textured, Complete in Place (no additional quantity paid for overlap)	0.00	SF	\$ 0.61	\$ -
1.18	Separation Liner Geocomposite Drainage Layer (double sided) for Composite Liner, Complete in Place	0.00	SF	\$ 0.66	\$ -
1.19	Separation Liner Protective Soil Cover (2 ft thick measured perpendicular from the liner), Complete in Place	0.00	CY	\$ 5.95	\$ -
1.20	Leachate Collection System (including leachate collection pipe, aggregate, geotextile, 2 sumps, pump)	0.00	LS	\$ 470,000.00	\$ -
1.21	Anchor Trench	0.00	LF	\$ 11.00	\$ -
1.22	Relocate Existing Waste to Expose Tie-in	0.00	LS	\$ 37,000.00	\$ -
1.23	Remove abandoned gas pipe	0.00	LS	\$ 23,000.00	\$ -
1.24	Liner Tie-in (New Composite Liner to Existing Composite Liner)	0.00	LF	\$ 30.00	\$ -
1.25	Liner Tie-in (Separation Liner to Proposed phase 4 Liner)	0.00	LF	\$ 25.00	\$ -
1.26	GKER/GCLER Marker	0.00	EA	\$ 300.00	\$ -
2.1	4-inch Force main (including fittings), SDR 11 HDPE	0.00	LF	\$ 45.00	\$ -
2.2	Excavation (including hauling and stockpiling the excavated material) for drain channel and road	0.00	CY	\$ 6.25	\$ -
2.3	Embankment (including hauling and stockpiling the material), for drain channel and roadway	0.00	CY	\$ 4.00	\$ -
2.4	6" Flex Base for Roadway, 95% compaction	0.00	SY	\$ 11.00	\$ -
2.5	Conc Junction Box (5"x5")	0.00	EA	\$ 9,800.00	\$ -
2.6	Headwall and Wingwalls	0.00	EA	\$ 6,500.00	\$ -
2.7	Riprap (Conc. Apron)	0.00	CY	\$ 800.00	\$ -
2.8	Pipe for Drains (30" HDPE)	0.00	LF	\$ 120.00	\$ -

Item	Description	QUANTITY	UOM	UNIT PRICE	TOTAL
2.9	Clean/flush existing storm inlets	0.00	LS	\$ 8,000.00	\$ -
2.10	Reinf. Concrete bollards at Scale Building	0.00	EA	\$ 1,200.00	\$ -
3	Contingency Item within Construlon Contract, Fixed Amount	0.00	LS	\$ 350,000.00	\$ -
3.1	Underdrain - Overexcavation of 6"	0.00	CY	\$ 3.50	\$ -
3.2	Underdrain Anchor Trench	0.00	LF	\$ 11.00	\$ -
3.3	Underdrain - Double Sided Geocomposite (200-220 mil)(6-8oz)	0.00	SF	\$ 0.63	\$ -
3.4	Underdrain - Toe Drains (4" ADS) (1.5x2' Gr Trench)	0.00	LF	\$ 41.00	\$ -
3.5	Underdrain Riser (12" SDR 17)	0.00	LF	\$ 82.00	\$ -
3.6	Underdrain Sump (10'x10'x3')	0.00	EA	\$ 3,750.00	\$ -
3.7	Backfill 6" Cushion Layer	0.00	CY	\$ 6.00	\$ -
3.8	UD Pump and 100' of Discharge	0.00	EA	\$ 12,500.00	\$ -
3.9	Light Plant	0.00	MO	\$ 4,900.00	\$ -
3.10	Leachate Collection (Perforated Section)	0.00	LF	\$ 115.00	\$ -
3.11	Leachate Collection (Non-Perforated Section)	0.00	LF	\$ 27.00	\$ -
3.12	Anchor Blocks	0.00	EA	\$ 2,500.00	\$ -
3.13	Reconnect Existing NE Sump	0.00	LS	\$ 18,250.00	\$ -
3.14	30" Class IV Reinforced Concrete Pipe	0.00	LF	\$ 271.85	\$ -
3.15	Poured Pipe Collar	0.00	EA	\$ 700.00	\$ -
3.16	Credit for Unused allowances	0.00	LS	\$ (177.16)	\$ -
4	Topographic Surveys - staking, QA/QC	0.00	LS	\$ 49,000.00	\$ -
					SUBTOTAL \$ -
					RETAINAGE RELEASE \$ 239,711.37
					TOTAL \$ 239,711.37

DATE: 11/7/2024 APP #: 9 PREVIOUS \$4,794,227.40 CURRENT \$0.00 TOTAL \$4,794,227.40  
 JOB # 1322 PAY REQUEST # 1322-09 ORIGINAL CONTRACT \$4,778,499.00 AMOUNT COMPLETE \$4,794,227.40  
 PROJECT: LAREDO LANDFILL PHASE 4&5 CELL CONSTRUCTION PERIOD BEGIN: 11/07/24 NET CHANGES \$15,728.40 RETENTION 5% \$239,711.37 -\$239,711.37 \$0.00  
 OWNER: CITY OF LAREDO PERIOD END: 11/07/24 REVISED CONTRACT \$4,794,227.40 AMOUNT RELEASED \$4,554,516.03 \$239,711.37 \$4,794,227.40  
 1110 HOUSTON STREET PER CENT COMPLETE 100.00% 0.00% 100.00%  
 LAREDO, TEXAS 78040-0579

LINE ITEM	DESCRIPTION	CONTRACT QUANTITY	UNIT	UNIT PRICE	ORIGINAL CONTRACT	REVISED QUAN	REVISED CONTRACT	PREVIOUS QUANTITY	CURRENT QUANTITY	TOTAL QUANTITY	PREVIOUS AMOUNT	CURRENT AMOUNT	TOTAL AMOUNT
	<b>4X CONSTRUCTION GROUP PAYMENT FROM OWNER</b>				<b>\$4,778,499.00</b>		<b>\$4,794,227.40</b>				<b>\$4,794,227.40</b>	<b>\$0.00</b>	<b>\$4,794,227.40</b>
1.1	Mobilization and Demobilization	1.00	LS	\$ 221,400.00	\$221,400.00	1.00	\$221,400.00	1.00	0.00	1.00	\$221,400.00	\$0.00	\$221,400.00
1.2	Demolition	1.00	LS	\$ 21,000.00	\$21,000.00	1.00	\$21,000.00	1.00	0.00	1.00	\$21,000.00	\$0.00	\$21,000.00
1.3	Excavation (including hauling and stockpiling the excavated material)	170,000.00	CY	\$ 3.50	\$595,000.00	170,000.00	\$595,000.00	170,000.00	0.00	170,000.00	\$595,000.00	\$0.00	\$595,000.00
1.4	Subgrade Fill (at 95% standard proctor density as per Section 31 23 00	55,000.00	CY	\$ 2.00	\$110,000.00	55,000.00	\$110,000.00	55,000.00	0.00	55,000.00	\$110,000.00	\$0.00	\$110,000.00
1.5	Separation Liner Fill (minimum 36" compacted buffer fill)	36,000.00	CY	\$ 2.00	\$72,000.00	36,000.00	\$72,000.00	36,000.00	0.00	36,000.00	\$72,000.00	\$0.00	\$72,000.00
1.6	Subgrade Preparation - Floor (vertical tolerance -0.2 ft to +0.0 ft)	100,000.00	SF	\$ 0.12	\$12,000.00	100,000.00	\$12,000.00	100,000.00	0.00	100,000.00	\$12,000.00	\$0.00	\$12,000.00
1.7	Subgrade Preparation - Side Slope (vertical tolerance -0.2 ft to +0.0 ft)	450,000.00	SF	\$ 0.15	\$67,500.00	450,000.00	\$67,500.00	450,000.00	0.00	450,000.00	\$67,500.00	\$0.00	\$67,500.00
1.8	Non-Reinforced Geosynthetic Clay Liner (GCL) -Floor	100,000.00	SF	\$ 0.65	\$65,000.00	100,000.00	\$65,000.00	100,000.00	0.00	100,000.00	\$65,000.00	\$0.00	\$65,000.00
1.9	Reinforced Geosynthetic Clay Liner (GCL) - Side Slopes	450,000.00	SF	\$ 0.87	\$391,500.00	450,000.00	\$391,500.00	450,000.00	0.00	450,000.00	\$391,500.00	\$0.00	\$391,500.00
1.10	60 Mil HDPE Geomembrane - Smooth, Complete in Place (no additions)	100,000.00	SF	\$ 0.62	\$62,000.00	100,000.00	\$62,000.00	100,000.00	0.00	100,000.00	\$62,000.00	\$0.00	\$62,000.00
1.11	60 Mil HDPE Geomembrane - Textured, Complete in Place (no addition	450,000.00	SF	\$ 0.67	\$301,500.00	450,000.00	\$301,500.00	450,000.00	0.00	450,000.00	\$301,500.00	\$0.00	\$301,500.00
1.12	Geocomposite Drainage Layer (single sided) for Composite Liner, Com	100,000.00	SF	\$ 0.51	\$51,000.00	100,000.00	\$51,000.00	100,000.00	0.00	100,000.00	\$51,000.00	\$0.00	\$51,000.00
1.13	Geocomposite Drainage Layer (double sided) for Composite Liner, Con	450,000.00	SF	\$ 0.68	\$306,000.00	450,000.00	\$306,000.00	450,000.00	0.00	450,000.00	\$306,000.00	\$0.00	\$306,000.00
1.14	Protective Soil Cover (2 ft thick measured perpendicular from the liner),	40,700.00	CY	\$ 5.95	\$242,165.00	40,700.00	\$242,165.00	40,700.00	0.00	40,700.00	\$242,165.00	\$0.00	\$242,165.00
1.15	Protective Cover Berm	3,350.00	LF	\$ 12.00	\$40,200.00	3,350.00	\$40,200.00	3,350.00	0.00	3,350.00	\$40,200.00	\$0.00	\$40,200.00
1.16	Separation Liner Reinforced Geosynthetic Clay Liner (GCL)	315,000.00	SF	\$ 0.85	\$267,750.00	315,000.00	\$267,750.00	315,000.00	0.00	315,000.00	\$267,750.00	\$0.00	\$267,750.00
1.17	Separation Liner 60 Mil HDPE Geomembrane - Textured, Complete in F	315,000.00	SF	\$ 0.61	\$192,150.00	315,000.00	\$192,150.00	315,000.00	0.00	315,000.00	\$192,150.00	\$0.00	\$192,150.00
1.18	Separation Liner Geocomposite Drainage Layer (double sided) for Cor	315,000.00	SF	\$ 0.66	\$207,900.00	315,000.00	\$207,900.00	315,000.00	0.00	315,000.00	\$207,900.00	\$0.00	\$207,900.00
1.19	Separation Liner Protective Soil Cover (2 ft thick measured perpendicular	23,500.00	CY	\$ 5.95	\$139,825.00	23,500.00	\$139,825.00	23,500.00	0.00	23,500.00	\$139,825.00	\$0.00	\$139,825.00
1.20	Leachate Collection System (including leachate collection pipe, aggreg:	1.00	LS	\$ 470,000.00	\$470,000.00	1.00	\$470,000.00	1.00	0.00	1.00	\$470,000.00	\$0.00	\$470,000.00
1.21	Anchor Trench	2,050.00	LF	\$ 11.00	\$22,550.00	2,050.00	\$22,550.00	2,050.00	0.00	2,050.00	\$22,550.00	\$0.00	\$22,550.00
1.22	Relocate Existing Waste to Expose Tie-in	1.00	LS	\$ 37,000.00	\$37,000.00	1.00	\$37,000.00	1.00	0.00	1.00	\$37,000.00	\$0.00	\$37,000.00
1.23	Remove abandoned gas pipe	1.00	LS	\$ 23,000.00	\$23,000.00	1.00	\$23,000.00	1.00	0.00	1.00	\$23,000.00	\$0.00	\$23,000.00
1.24	Liner Tie-in (New Composite Liner to Existing Composite Liner)	1,400.00	LF	\$ 30.00	\$42,000.00	1,400.00	\$42,000.00	1,400.00	0.00	1,400.00	\$42,000.00	\$0.00	\$42,000.00
1.25	Liner Tie-in (Separation Liner to Proposed phase 4 Liner)	1,850.00	LF	\$ 25.00	\$46,250.00	1,850.00	\$46,250.00	1,850.00	0.00	1,850.00	\$46,250.00	\$0.00	\$46,250.00
1.26	GKER/GCLR Marker	8.00	EA	\$ 300.00	\$2,400.00	8.00	\$2,400.00	8.00	0.00	8.00	\$2,400.00	\$0.00	\$2,400.00
2.1	4-inch Force main (including fittings), SDR 11 HDPE	2,265.00	LF	\$ 45.00	\$101,925.00	2,265.00	\$101,925.00	2,265.00	0.00	2,265.00	\$101,925.00	\$0.00	\$101,925.00
2.2	Excavation (including hauling and stockpiling the excavated material) fc	3,092.00	CY	\$ 6.25	\$19,325.00	3,092.00	\$19,325.00	3,092.00	0.00	3,092.00	\$19,325.00	\$0.00	\$19,325.00
2.3	Embankment (including hauling and stockpiling the material), for drain c	15,911.00	CY	\$ 4.00	\$63,644.00	15,911.00	\$63,644.00	15,911.00	0.00	15,911.00	\$63,644.00	\$0.00	\$63,644.00
2.4	6" Flex Base for Roadway, 95% compaction	8,365.00	SY	\$ 11.00	\$92,015.00	7,376.56	\$81,142.16	7,376.56	0.00	7,376.56	\$81,142.16	\$0.00	\$81,142.16
2.5	Conc Junction Box (5'x5')	1.00	EA	\$ 9,800.00	\$9,800.00	1.00	\$9,800.00	1.00	0.00	1.00	\$9,800.00	\$0.00	\$9,800.00
2.6	Headwall and Wingwalls	1.00	EA	\$ 6,500.00	\$6,500.00	1.00	\$6,500.00	1.00	0.00	1.00	\$6,500.00	\$0.00	\$6,500.00
2.7	Riprap (Conc. Apron)	10.00	CY	\$ 800.00	\$8,000.00	10.00	\$8,000.00	10.00	0.00	10.00	\$8,000.00	\$0.00	\$8,000.00
2.8	Pipe for Drains (30" HDPE)	410.00	LF	\$ 120.00	\$49,200.00	410.00	\$49,200.00	410.00	0.00	410.00	\$49,200.00	\$0.00	\$49,200.00
2.9	Clean/flush existing storm inlets	1.00	LS	\$ 8,000.00	\$8,000.00	1.00	\$8,000.00	1.00	0.00	1.00	\$8,000.00	\$0.00	\$8,000.00
2.10	Reinf. Concrete bollards at Scale Building	10.00	EA	\$ 1,200.00	\$12,000.00	4.00	\$4,800.00	4.00	0.00	4.00	\$4,800.00	\$0.00	\$4,800.00
3	Contingency Item within Construction Contract, Fixed Amount	1.00	LS	\$ 350,000.00	\$350,000.00	0.00	\$0.00	0.00	0.00	0.00	\$0.00	\$0.00	\$0.00
3.1	Underdrain - Overexcavation of 6"	0.00	CY	\$ 3.50	\$0.00	2,900.00	\$10,150.00	2,900.00	0.00	2,900.00	\$10,150.00	\$0.00	\$10,150.00
3.2	Underdrain Anchor Trench	0.00	LF	\$ 11.00	\$0.00	1,400.00	\$15,400.00	1,400.00	0.00	1,400.00	\$15,400.00	\$0.00	\$15,400.00
3.3	Underdrain - Double Sided Geocomposite (200-220 mil)(6-8oz)	0.00	SF	\$ 0.63	\$0.00	110,000.00	\$69,300.00	110,000.00	0.00	110,000.00	\$69,300.00	\$0.00	\$69,300.00
3.4	Underdrain - Toe Drains (4" ADS) (1.5x2' Gr Trench)	0.00	LF	\$ 41.00	\$0.00	1,800.00	\$73,800.00	1,800.00	0.00	1,800.00	\$73,800.00	\$0.00	\$73,800.00

DATE: 11/7/2024 APP #: 9 PREVIOUS \$4,794,227.40 CURRENT \$0.00 TOTAL \$4,794,227.40  
 JOB # 1322 PAY REQUEST # 1322-09 ORIGINAL CONTRACT \$4,778,499.00 AMOUNT COMPLETE \$4,794,227.40  
 PROJECT: LAREDO LANDFILL PHASE 4&5 CELL CONSTRUCTION PERIOD BEGIN: 11/07/24 NET CHANGES \$15,728.40 RETENTION 5% \$239,711.37 -\$239,711.37 \$0.00  
 OWNER: CITY OF LAREDO PERIOD END: 11/07/24 REVISED CONTRACT \$4,794,227.40 AMOUNT RELEASED \$4,554,516.03 \$239,711.37 \$4,794,227.40  
 1110 HOUSTON STREET  
 LAREDO, TEXAS 78040-0579 PER CENT COMPLETE 100.00% 0.00% 100.00%

LINE ITEM	DESCRIPTION	CONTRACT QUANTITY	UNIT	UNIT PRICE	ORIGINAL CONTRACT	REVISED QUAN	REVISED CONTRACT	PREVIOUS QUANTITY	CURRENT QUANTITY	TOTAL QUANTITY	PREVIOUS AMOUNT	CURRENT AMOUNT	TOTAL AMOUNT
	<b>4X CONSTRUCTION GROUP PAYMENT FROM OWNER</b>				<b>\$4,778,499.00</b>		<b>\$4,794,227.40</b>				<b>\$4,794,227.40</b>	<b>\$0.00</b>	<b>\$4,794,227.40</b>
3.5	Underdrain Riser (12" SDR 17)	0.00	LF	\$ 82.00	\$0.00	160.00	\$13,120.00	160.00	0.00	160.00	\$13,120.00	\$0.00	\$13,120.00
3.6	Underdrain Sump (10'x10'x3')	0.00	EA	\$ 3,750.00	\$0.00	1.00	\$3,750.00	1.00	0.00	1.00	\$3,750.00	\$0.00	\$3,750.00
3.7	Backfill 6" Cushion Layer	0.00	CY	\$ 6.00	\$0.00	2,900.00	\$17,400.00	2,900.00	0.00	2,900.00	\$17,400.00	\$0.00	\$17,400.00
3.8	UD Pump and 100' of Discharge	0.00	EA	\$ 12,500.00	\$0.00	1.00	\$12,500.00	1.00	0.00	1.00	\$12,500.00	\$0.00	\$12,500.00
3.9	Light Plant	0.00	MO	\$ 4,900.00	\$0.00	3.50	\$17,150.00	3.50	0.00	3.50	\$17,150.00	\$0.00	\$17,150.00
3.10	Leachate Collection (Perforated Section)	0.00	LF	\$ 115.00	\$0.00	920.00	\$105,800.00	920.00	0.00	920.00	\$105,800.00	\$0.00	\$105,800.00
3.11	Leachate Collection (Non-Perforated Section)	0.00	LF	\$ 27.00	\$0.00	80.00	\$2,160.00	80.00	0.00	80.00	\$2,160.00	\$0.00	\$2,160.00
3.12	Anchor Blocks	0.00	EA	\$ 2,500.00	\$0.00	2.00	\$5,000.00	2.00	0.00	2.00	\$5,000.00	\$0.00	\$5,000.00
3.13	Reconnect Existing NE Sump	0.00	LS	\$ 18,250.00	\$0.00	1.00	\$18,250.00	1.00	0.00	1.00	\$18,250.00	\$0.00	\$18,250.00
3.14	30" Class IV Reinforced Concrete Pipe	0.00	LF	\$ 271.85	\$0.00	64.00	\$17,398.40	64.00	0.00	64.00	\$17,398.40	\$0.00	\$17,398.40
3.15	Poured Pipe Collar	0.00	EA	\$ 700.00	\$0.00	4.00	\$2,800.00	4.00	0.00	4.00	\$2,800.00	\$0.00	\$2,800.00
3.16	Credit for Unused allowances	0.00	LS	\$ (177.16)	\$0.00	1.00	-\$177.16	1.00	0.00	1.00	-\$177.16	\$0.00	-\$177.16
4	Topographic Surveys - staking, QA/QC	1.00	LS	\$ 49,000.00	\$49,000.00	1.00	\$49,000.00	1.00	0.00	1.00	\$49,000.00	\$0.00	\$49,000.00

**CITY OF LAREDO**  
**CONTRACTOR'S APPLICATION FOR PAYMENT**

**PROJECT: "City of Laredo Landfill Phase 4 and 5 Cell Construction TCEQ MSW Permit  
No 1693B"**

**ESTIMATE NO.: 8**

**DATE FROM: 9/20/2024  
TO: 10/29/2024**

**ORIGINAL CONTRACT: \$ 4,778,499.00**

**CHANGE ORDERS: \$ 15,728.40**

**TOTAL TO DATE: \$ 4,794,227.40**

**% COMPLETE: 100.00%**

**TOTAL WORK TO DATE: \$ 4,794,227.40**

**MATERIALS ON HAND: \$ 0.00**

**5% RETAINAGE: \$ 239,711.37**

**PREVIOUS PAYMENTS: \$ 4,535,495.85**

**AMOUNT DUE: \$ 19,020.18**

**CERTIFICATE OF CONTRACTOR:**

I certify that all items and amounts shown on this request for partial payment are correct and that all work has been performed and/or materials supplied in full in accordance with the requirements on the contract documents.

(CONTRACTOR)

By:



11/6/2024

Date

**CERTIFICATE OF FIELD REPRESENTATIVE:**

I have checked this request for partial payment against the notes and reports of my inspections of the project and in my opinion the statement of work performed and/or material supplied is accurate and that the contractor is observing the requirements of the contract documents.

(INSPECTOR )

By:

City of Laredo

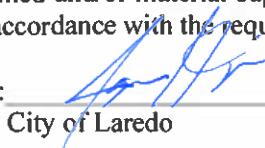
Date

**CERTIFICATE OF ENGINEER:**

I certify that I have checked and verified the above and foregoing request for partial payment and that it is a true and correct statement of work performed and/or material supplied by the contractor and that same has been performed and/or supplied in full accordance with the requirements of the contract documents.

(CONSULTANT)

By:



City of Laredo

11/7/2024

Date

**RECOMMENDED FOR PAYMENT:**

**VERIFIED FOR PAYMENT:**

Ramon E. Chavez, P.E, City Engineer  
DATE: \_\_\_\_\_

Engineering Project Manager  
DATE: \_\_\_\_\_

**APPROVED FOR PAYMENT: DATE:**

Finance Department

## AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS AND RELEASE OF LIENS

**TO: CITY OF LAREDO  
WEBB COUNTY, TEXAS**

**PROJECT: "City of Laredo Landfill Phase 4 and 5 Cell Construction TCEQ MSW  
Permit No 1693B"**

By this instrument the undersigned contractor engaged in the construction of the above project certifies that on this date, or anytime prior thereto, except listed below, contractor has paid in full or has otherwise satisfied all obligations for all materials and for all known indebtedness and claims against the project, its land, improvements and equipment of every kind.

The undersigned hereby certifies that he has received all payments currently due under his contract for work on the project above referred. Therefore, the undersigned does hereby waive and/or release any and all liens against the property, project and as of the 6th day of November 2024.

4X Construction Group, LLC  
Company Name

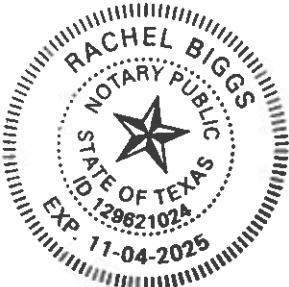
STATE OF TEXAS:

COUNTY OF Tarrant :

Before me, the undersigned authority, on this day personally appeared Jeff Parrish, known to me to be the person whose name is subscribed to the foregoing instrument, and being first duly sworn, acknowledge to me that he executed the same for the purposes and consideration therein expressed and declared to me that the statements therein are true.

SWORN AND SUBSCRIBED TO before me this 6<sup>th</sup> day of November,  
2024.

NOTARY PUBLIC   
MY COMMISSION EXPIRES: 11/04/2025





# 4X CONSTRUCTION GROUP, LLC

99 Regency Parkway, Suite 303  
Mansfield, Texas 76063

817-779-3290 Phone  
817-779-3291 Fax

## INVOICE

SOLD TO:  
**CITY OF LAREDO**  
**1110 HOUSTON STREET**  
**LAREDO, TEXAS 78040-0579**

Project Number: 1322  
Description: LAREDO LANDFILL PHAS  
Invoice Number: 1322-08  
Period Begin: 10/1/2024  
Period End: 10/29/2024  
Invoice Date: 10/29/2024

Item	Description	QUANTITY	UOM	UNIT PRICE	TOTAL
1.1	Mobilization and Demobilization	0.00	LS	\$ 221,400.00	\$ -
1.2	Demolition	0.00	LS	\$ 21,000.00	\$ -
1.3	Excavation (including hauling and stockpiling the excavated material)	0.00	CY	\$ 3.50	\$ -
1.4	Subgrade Fill (at 95% standard proctor density as per Section 31 23 00)	0.00	CY	\$ 2.00	\$ -
1.5	Separation Liner Fill (minimum 36" compacted buffer fill)	0.00	CY	\$ 2.00	\$ -
1.6	Subgrade Preparation - Floor (vertical tolerance -0.2 ft to +0.0 ft)	0.00	SF	\$ 0.12	\$ -
1.7	Subgrade Preparation - Side Slope (vertical tolerance -0.2 ft to +0.0 ft)	0.00	SF	\$ 0.15	\$ -
1.8	Non-Reinforced Geosynthetic Clay Liner (GCL) -Floor	0.00	SF	\$ 0.65	\$ -
1.9	Reinforced Geosynthetic Clay Liner (GCL) - Side Slopes	0.00	SF	\$ 0.87	\$ -
1.10	60 Mil HDPE Geomembrane - Smooth, Complete in Place (no additional quantity paid for overlap)	0.00	SF	\$ 0.62	\$ -
1.11	60 Mil HDPE Geomembrane - Textured, Complete in Place (no additional quantity paid for overlap)	0.00	SF	\$ 0.67	\$ -
1.12	Geocomposite Drainage Layer (single sided) for Composite Liner, Complete in Place	0.00	SF	\$ 0.51	\$ -
1.13	Geocomposite Drainage Layer (double sided) for Composite Liner, Complete in Place	0.00	SF	\$ 0.68	\$ -
1.14	Protective Soil Cover (2 ft thick measured perpendicular from the liner), Complete in Place (vertical tolerance -0.2 ft to +0.0 ft)	0.00	CY	\$ 5.95	\$ -
1.15	Protective Cover Berm	0.00	LF	\$ 12.00	\$ -
1.16	Separation Liner Reinforced Geosynthetic Clay Liner (GCL)	0.00	SF	\$ 0.85	\$ -
1.17	Separation Liner 60 Mil HDPE Geomembrane - Textured, Complete in Place (no additional quantity paid for overlap)	0.00	SF	\$ 0.61	\$ -
1.18	Separation Liner Geocomposite Drainage Layer (double sided) for Composite Liner, Complete in Place	0.00	SF	\$ 0.66	\$ -
1.19	Separation Liner Protective Soil Cover (2 ft thick measured perpendicular from the liner), Complete in Place (vertical tolerance -0.2 ft to +0.0 ft)	0.00	CY	\$ 5.95	\$ -
1.20	Leachate Collection System (including leachate collection pipe, aggregate, geotextile, 2 sumps, pump, filter, and liner)	0.00	LS	\$ 470,000.00	\$ -
1.21	Anchor Trench	0.00	LF	\$ 11.00	\$ -
1.22	Relocate Existing Waste to Expose Tie-in	0.00	LS	\$ 37,000.00	\$ -
1.23	Remove abandoned gas pipe	0.00	LS	\$ 23,000.00	\$ -
1.24	Liner Tie-in (New Composite Liner to Existing Composite Liner)	0.00	LF	\$ 30.00	\$ -
1.25	Liner Tie-in (Separation Liner to Proposed phase 4 Liner)	0.00	LF	\$ 25.00	\$ -
1.26	GKER/GCLER Marker	0.00	EA	\$ 300.00	\$ -
2.1	4-inch Force main (including fittings), SDR 11 HDPE	0.00	LF	\$ 45.00	\$ -
2.2	Excavation (including hauling and stockpiling the excavated material) for drain channel and road	0.00	CY	\$ 6.25	\$ -
2.3	Embankment (including hauling and stockpiling the material), for drain channel and roadway	0.00	CY	\$ 4.00	\$ -
2.4	6" Flex Base for Roadway, 95% compaction	0.00	SY	\$ 11.00	\$ -
2.5	Conc Junction Box (5'x5')	0.00	EA	\$ 9,800.00	\$ -
2.6	Headwall and Wingwalls	0.00	EA	\$ 6,500.00	\$ -
2.7	Riprap (Conc. Apron)	0.00	CY	\$ 800.00	\$ -
2.8	Pipe for Drains (30" HDPE)	0.00	LF	\$ 120.00	\$ -

Item	Description	QUANTITY	UOM	UNIT PRICE	TOTAL
2.9	Clean/flush existing storm inlets	0.00	LS	\$ 8,000.00	\$ -
2.10	Reinf. Concrete bollards at Scale Building	0.00	EA	\$ 1,200.00	\$ -
3	Contingency Item within Construction Contract, Fixed Amount	0.00	LS	\$ 350,000.00	\$ -
3.1	Underdrain - Overexcavation of 6"	0.00	CY	\$ 3.50	\$ -
3.2	Underdrain Anchor Trench	0.00	LF	\$ 11.00	\$ -
3.3	Underdrain - Double Sided Geocomposite (200-220 mil)(6-8oz)	0.00	SF	\$ 0.63	\$ -
3.4	Underdrain - Toe Drains (4" ADS) (1.5x2' Gr Trench)	0.00	LF	\$ 41.00	\$ -
3.5	Underdrain Riser (12" SDR 17)	0.00	LF	\$ 82.00	\$ -
3.6	Underdrain Sump (10'x10'x3')	0.00	EA	\$ 3,750.00	\$ -
3.7	Backfill 6" Cushion Layer	0.00	CY	\$ 6.00	\$ -
3.8	UD Pump and 100' of Discharge	0.00	EA	\$ 12,500.00	\$ -
3.9	Light Plant	0.00	MO	\$ 4,900.00	\$ -
3.10	Leachate Collection (Perforated Section)	0.00	LF	\$ 115.00	\$ -
3.11	Leachate Collection (Non-Perforated Section)	0.00	LF	\$ 27.00	\$ -
3.12	Anchor Blocks	0.00	EA	\$ 2,500.00	\$ -
3.13	Reconnect Existing NE Sump	0.00	LS	\$ 18,250.00	\$ -
3.14	30" Class IV Reinforced Concrete Pipe	64.00	LF	\$ 271.85	\$ 17,398.40
3.15	Poured Pipe Collar	4.00	EA	\$ 700.00	\$ 2,800.00
3.16	Credit for Unused allowances	1.00	LS	\$ (177.16)	\$ (177.16)
4	Topographic Surveys - staking, QA/QC	0.00	LS	\$ 49,000.00	\$ -
					<b>SUBTOTAL</b> \$ 20,021.24
					<b>RETAINAGE (5%)</b> \$ 1,001.06
					<b>TOTAL</b> \$ 19,020.18

DATE: 11/6/2024 APP #: 8 PREVIOUS CURRENT TOTAL  
 JOB # 1322 PAY REQUEST # 1322-08 ORIGINAL CONTRACT \$4,778,499.00 AMOUNT COMPLETE \$4,774,206.16 \$20,021.24 \$4,794,227.40  
 PROJECT: LAREDO LANDFILL PHASE 4&5 CELL CONSTRUCTION PERIOD BEGIN: 10/01/24 NET CHANGES \$15,728.40 RETENTION 5% \$238,710.31 \$1,001.06 \$239,711.37  
 OWNER: CITY OF LAREDO PERIOD END: 10/29/24 REVISED CONTRACT \$4,794,227.40 AMOUNT RELEASED \$4,535,495.85 \$19,020.18 \$4,554,516.03  
 1110 HOUSTON STREET PER CENT COMPLETE 99.58% 0.42% 100.00%  
 LAREDO, TEXAS 78040-0579

LINE ITEM	DESCRIPTION	CONTRACT QUANTITY	UNIT	UNIT PRICE	ORIGINAL CONTRACT	REVISED QUAN	REVISED CONTRACT	PREVIOUS QUANTITY	CURRENT QUANTITY	TOTAL QUANTITY	PREVIOUS AMOUNT	CURRENT AMOUNT	TOTAL AMOUNT
	<b>4X CONSTRUCTION GROUP PAYMENT FROM OWNER</b>				<b>\$4,778,499.00</b>		<b>\$4,794,227.40</b>				<b>\$4,774,206.16</b>	<b>\$20,021.24</b>	<b>\$4,794,227.40</b>
1.1	Mobilization and Demobilization	1.00	LS	\$ 221,400.00	\$221,400.00	1.00	\$221,400.00	1.00	0.00	1.00	\$221,400.00	\$0.00	\$221,400.00
1.2	Demolition	1.00	LS	\$ 21,000.00	\$21,000.00	1.00	\$21,000.00	1.00	0.00	1.00	\$21,000.00	\$0.00	\$21,000.00
1.3	Excavation (including hauling and stockpiling the excavated material)	170,000.00	CY	\$ 3.50	\$595,000.00	170,000.00	\$595,000.00	170,000.00	0.00	170,000.00	\$595,000.00	\$0.00	\$595,000.00
1.4	Subgrade Fill (at 95% standard proctor density as per Section 31 23 00	55,000.00	CY	\$ 2.00	\$110,000.00	55,000.00	\$110,000.00	55,000.00	0.00	55,000.00	\$110,000.00	\$0.00	\$110,000.00
1.5	Separation Liner Fill (minimum 36" compacted buffer fill)	36,000.00	CY	\$ 2.00	\$72,000.00	36,000.00	\$72,000.00	36,000.00	0.00	36,000.00	\$72,000.00	\$0.00	\$72,000.00
1.6	Subgrade Preparation - Floor (vertical tolerance -0.2 ft to +0.0 ft)	100,000.00	SF	\$ 0.12	\$12,000.00	100,000.00	\$12,000.00	100,000.00	0.00	100,000.00	\$12,000.00	\$0.00	\$12,000.00
1.7	Subgrade Preparation - Side Slope (vertical tolerance -0.2 ft to +0.0 ft)	450,000.00	SF	\$ 0.15	\$67,500.00	450,000.00	\$67,500.00	450,000.00	0.00	450,000.00	\$67,500.00	\$0.00	\$67,500.00
1.8	Non-Reinforced Geosynthetic Clay Liner (GCL) -Floor	100,000.00	SF	\$ 0.65	\$65,000.00	100,000.00	\$65,000.00	100,000.00	0.00	100,000.00	\$65,000.00	\$0.00	\$65,000.00
1.9	Reinforced Geosynthetic Clay Liner (GCL) - Side Slopes	450,000.00	SF	\$ 0.87	\$391,500.00	450,000.00	\$391,500.00	450,000.00	0.00	450,000.00	\$391,500.00	\$0.00	\$391,500.00
1.10	60 Mil HDPE Geomembrane - Smooth, Complete in Place (no additions)	100,000.00	SF	\$ 0.62	\$62,000.00	100,000.00	\$62,000.00	100,000.00	0.00	100,000.00	\$62,000.00	\$0.00	\$62,000.00
1.11	60 Mil HDPE Geomembrane - Textured, Complete in Place (no addition	450,000.00	SF	\$ 0.67	\$301,500.00	450,000.00	\$301,500.00	450,000.00	0.00	450,000.00	\$301,500.00	\$0.00	\$301,500.00
1.12	Geocomposite Drainage Layer (single sided) for Composite Liner, Com	100,000.00	SF	\$ 0.51	\$51,000.00	100,000.00	\$51,000.00	100,000.00	0.00	100,000.00	\$51,000.00	\$0.00	\$51,000.00
1.13	Geocomposite Drainage Layer (double sided) for Composite Liner, Con	450,000.00	SF	\$ 0.68	\$306,000.00	450,000.00	\$306,000.00	450,000.00	0.00	450,000.00	\$306,000.00	\$0.00	\$306,000.00
1.14	Protective Soil Cover (2 ft thick measured perpendicular from the liner),	40,700.00	CY	\$ 5.95	\$242,165.00	40,700.00	\$242,165.00	40,700.00	0.00	40,700.00	\$242,165.00	\$0.00	\$242,165.00
1.15	Protective Cover Berm	3,350.00	LF	\$ 12.00	\$40,200.00	3,350.00	\$40,200.00	3,350.00	0.00	3,350.00	\$40,200.00	\$0.00	\$40,200.00
1.16	Separation Liner Reinforced Geosynthetic Clay Liner (GCL)	315,000.00	SF	\$ 0.85	\$267,750.00	315,000.00	\$267,750.00	315,000.00	0.00	315,000.00	\$267,750.00	\$0.00	\$267,750.00
1.17	Separation Liner 60 Mil HDPE Geomembrane - Textured, Complete in F	315,000.00	SF	\$ 0.61	\$192,150.00	315,000.00	\$192,150.00	315,000.00	0.00	315,000.00	\$192,150.00	\$0.00	\$192,150.00
1.18	Separation Liner Geocomposite Drainage Layer (double sided) for Cor	315,000.00	SF	\$ 0.66	\$207,900.00	315,000.00	\$207,900.00	315,000.00	0.00	315,000.00	\$207,900.00	\$0.00	\$207,900.00
1.19	Separation Liner Protective Soil Cover (2 ft thick measured perpendicular	23,500.00	CY	\$ 5.95	\$139,825.00	23,500.00	\$139,825.00	23,500.00	0.00	23,500.00	\$139,825.00	\$0.00	\$139,825.00
1.20	Leachate Collection System (including leachate collection pipe, aggreg:	1.00	LS	\$ 470,000.00	\$470,000.00	1.00	\$470,000.00	1.00	0.00	1.00	\$470,000.00	\$0.00	\$470,000.00
1.21	Anchor Trench	2,050.00	LF	\$ 11.00	\$22,550.00	2,050.00	\$22,550.00	2,050.00	0.00	2,050.00	\$22,550.00	\$0.00	\$22,550.00
1.22	Relocate Existing Waste to Expose Tie-in	1.00	LS	\$ 37,000.00	\$37,000.00	1.00	\$37,000.00	1.00	0.00	1.00	\$37,000.00	\$0.00	\$37,000.00
1.23	Remove abandoned gas pipe	1.00	LS	\$ 23,000.00	\$23,000.00	1.00	\$23,000.00	1.00	0.00	1.00	\$23,000.00	\$0.00	\$23,000.00
1.24	Liner Tie-in (New Composite Liner to Existing Composite Liner)	1,400.00	LF	\$ 30.00	\$42,000.00	1,400.00	\$42,000.00	1,400.00	0.00	1,400.00	\$42,000.00	\$0.00	\$42,000.00
1.25	Liner Tie-in (Separation Liner to Proposed phase 4 Liner)	1,850.00	LF	\$ 25.00	\$46,250.00	1,850.00	\$46,250.00	1,850.00	0.00	1,850.00	\$46,250.00	\$0.00	\$46,250.00
1.26	GKER/GCLR Marker	8.00	EA	\$ 300.00	\$2,400.00	8.00	\$2,400.00	8.00	0.00	8.00	\$2,400.00	\$0.00	\$2,400.00
2.1	4-inch Force main (including fittings), SDR 11 HDPE	2,265.00	LF	\$ 45.00	\$101,925.00	2,265.00	\$101,925.00	2,265.00	0.00	2,265.00	\$101,925.00	\$0.00	\$101,925.00
2.2	Excavation (including hauling and stockpiling the excavated material) fc	3,092.00	CY	\$ 6.25	\$19,325.00	3,092.00	\$19,325.00	3,092.00	0.00	3,092.00	\$19,325.00	\$0.00	\$19,325.00
2.3	Embankment (including hauling and stockpiling the material), for drain c	15,911.00	CY	\$ 4.00	\$63,644.00	15,911.00	\$63,644.00	15,911.00	0.00	15,911.00	\$63,644.00	\$0.00	\$63,644.00
2.4	6" Flex Base for Roadway, 95% compaction	8,365.00	SY	\$ 11.00	\$92,015.00	7,376.56	\$81,142.16	7,376.56	0.00	7,376.56	\$81,142.16	\$0.00	\$81,142.16
2.5	Conc Junction Box (5'x5')	1.00	EA	\$ 9,800.00	\$9,800.00	1.00	\$9,800.00	1.00	0.00	1.00	\$9,800.00	\$0.00	\$9,800.00
2.6	Headwall and Wingwalls	1.00	EA	\$ 6,500.00	\$6,500.00	1.00	\$6,500.00	1.00	0.00	1.00	\$6,500.00	\$0.00	\$6,500.00
2.7	Riprap (Conc. Apron)	10.00	CY	\$ 800.00	\$8,000.00	10.00	\$8,000.00	10.00	0.00	10.00	\$8,000.00	\$0.00	\$8,000.00
2.8	Pipe for Drains (30" HDPE)	410.00	LF	\$ 120.00	\$49,200.00	410.00	\$49,200.00	410.00	0.00	410.00	\$49,200.00	\$0.00	\$49,200.00
2.9	Clean/flush existing storm inlets	1.00	LS	\$ 8,000.00	\$8,000.00	1.00	\$8,000.00	1.00	0.00	1.00	\$8,000.00	\$0.00	\$8,000.00
2.10	Reinf. Concrete bollards at Scale Building	10.00	EA	\$ 1,200.00	\$12,000.00	4.00	\$4,800.00	4.00	0.00	4.00	\$4,800.00	\$0.00	\$4,800.00
3	Contingency Item within Construction Contract, Fixed Amount	1.00	LS	\$ 350,000.00	\$350,000.00	0.00	\$0.00	0.00	0.00	0.00	\$0.00	\$0.00	\$0.00
3.1	Underdrain - Overexcavation of 6"	0.00	CY	\$ 3.50	\$0.00	2,900.00	\$10,150.00	2,900.00	0.00	2,900.00	\$10,150.00	\$0.00	\$10,150.00
3.2	Underdrain Anchor Trench	0.00	LF	\$ 11.00	\$0.00	1,400.00	\$15,400.00	1,400.00	0.00	1,400.00	\$15,400.00	\$0.00	\$15,400.00
3.3	Underdrain - Double Sided Geocomposite (200-220 mil)(6-8oz)	0.00	SF	\$ 0.63	\$0.00	110,000.00	\$69,300.00	110,000.00	0.00	110,000.00	\$69,300.00	\$0.00	\$69,300.00
3.4	Underdrain - Toe Drains (4" ADS) (1.5x2' Gr Trench)	0.00	LF	\$ 41.00	\$0.00	1,800.00	\$73,800.00	1,800.00	0.00	1,800.00	\$73,800.00	\$0.00	\$73,800.00

DATE:	11/6/2024	APP #:	8	ORIGINAL CONTRACT	\$4,778,499.00	AMOUNT COMPLETE	\$4,774,206.16	PREVIOUS	CURRENT	TOTAL
JOB #	1322	PAY REQUEST #	1322-08	NET CHANGES	\$15,728.40	RETENTION	5%	\$238,710.31	\$20,021.24	\$4,794,227.40
PROJECT:	LAREDO LANDFILL PHASE 4&5 CELL CONSTRUCTION	PERIOD BEGIN:	10/01/24	REVISED CONTRACT	\$4,794,227.40	AMOUNT RELEASED	\$4,535,495.85	\$1,001.06	\$239,711.37	
OWNER:	CITY OF LAREDO 1110 HOUSTON STREET LAREDO, TEXAS 78040-0579	PERIOD END:	10/29/24			PER CENT COMPLETE	99.58%	0.42%	100.00%	

LINE ITEM	DESCRIPTION	CONTRACT QUANTITY	UNIT	UNIT PRICE	ORIGINAL CONTRACT	REVISED QUAN	REVISED CONTRACT	PREVIOUS QUANTITY	CURRENT QUANTITY	TOTAL QUANTITY	PREVIOUS AMOUNT	CURRENT AMOUNT	TOTAL AMOUNT
	<b>4X CONSTRUCTION GROUP PAYMENT FROM OWNER</b>				<b>\$4,778,499.00</b>		<b>\$4,794,227.40</b>				<b>\$4,774,206.16</b>	<b>\$20,021.24</b>	<b>\$4,794,227.40</b>
3.5	Underdrain Riser (12" SDR 17)	0.00	LF	\$ 82.00	\$0.00	160.00	\$13,120.00	160.00	0.00	160.00	\$13,120.00	\$0.00	\$13,120.00
3.6	Underdrain Sump (10'x10'x3')	0.00	EA	\$ 3,750.00	\$0.00	1.00	\$3,750.00	1.00	0.00	1.00	\$3,750.00	\$0.00	\$3,750.00
3.7	Backfill 6" Cushion Layer	0.00	CY	\$ 6.00	\$0.00	2,900.00	\$17,400.00	2,900.00	0.00	2,900.00	\$17,400.00	\$0.00	\$17,400.00
3.8	UD Pump and 100' of Discharge	0.00	EA	\$ 12,500.00	\$0.00	1.00	\$12,500.00	1.00	0.00	1.00	\$12,500.00	\$0.00	\$12,500.00
3.9	Light Plant	0.00	MO	\$ 4,900.00	\$0.00	3.50	\$17,150.00	3.50	0.00	3.50	\$17,150.00	\$0.00	\$17,150.00
3.10	Leachate Collection (Perforated Section)	0.00	LF	\$ 115.00	\$0.00	920.00	\$105,800.00	920.00	0.00	920.00	\$105,800.00	\$0.00	\$105,800.00
3.11	Leachate Collection (Non-Perforated Section)	0.00	LF	\$ 27.00	\$0.00	80.00	\$2,160.00	80.00	0.00	80.00	\$2,160.00	\$0.00	\$2,160.00
3.12	Anchor Blocks	0.00	EA	\$ 2,500.00	\$0.00	2.00	\$5,000.00	2.00	0.00	2.00	\$5,000.00	\$0.00	\$5,000.00
3.13	Reconnect Existing NE Sump	0.00	LS	\$ 18,250.00	\$0.00	1.00	\$18,250.00	1.00	0.00	1.00	\$18,250.00	\$0.00	\$18,250.00
3.14	30" Class IV Reinforced Concrete Pipe	0.00	LF	\$ 271.85	\$0.00	64.00	\$17,398.40	0.00	64.00	64.00	\$0.00	\$17,398.40	\$17,398.40
3.15	Poured Pipe Collar	0.00	EA	\$ 700.00	\$0.00	4.00	\$2,800.00	0.00	4.00	4.00	\$0.00	\$2,800.00	\$2,800.00
3.16	Credit for Unused allowances	0.00	LS	\$ (177.16)	\$0.00	1.00	-\$177.16	0.00	1.00	1.00	\$0.00	-\$177.16	-\$177.16
4	Topographic Surveys - staking, QA/QC	1.00	LS	\$ 49,000.00	\$49,000.00	1.00	\$49,000.00	1.00	0.00	1.00	\$49,000.00	\$0.00	\$49,000.00



Pipe Collars  
Formed



Backfilling  
pipe with flowable  
fill



Completed flowable fill over pipe



Pipe replacement and new Concrete Pipe

Attachment No. 3:

**Affidavit of Payment of Debts and Claims and Release  
of Liens**

## AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS AND RELEASE OF LIENS

**TO: CITY OF LAREDO  
WEBB COUNTY, TEXAS**

**PROJECT: "City of Laredo Landfill Phase 4 and 5 Cell Construction TCEQ MSW  
Permit No 1693B"**

By this instrument the undersigned contractor engaged in the construction of the above project certifies that on this date, or anytime prior thereto, except listed below, contractor has paid in full or has otherwise satisfied all obligations for all materials and for all known indebtedness and claims against the project, its land, improvements and equipment of every kind.

The undersigned hereby certifies that he has received all payments currently due under his contract for work on the project above referred. Therefore, the undersigned does hereby waive and/or release any and all liens against the property, project and as of the 6th day of November 2024.

4X Construction Group, LLC  
Company Name

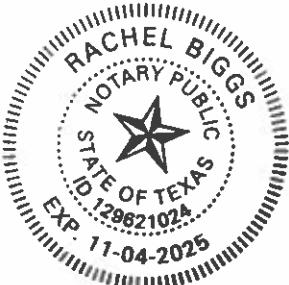
STATE OF TEXAS:

COUNTY OF Tarrant :

Before me, the undersigned authority, on this day personally appeared Jeff Parrish, known to me to be the person whose name is subscribed to the foregoing instrument, and being first duly sworn, acknowledge to me that he executed the same for the purposes and consideration therein expressed and declared to me that the statements therein are true.

SWORN AND SUBSCRIBED TO before me this 6<sup>th</sup> day of November,  
2024.

NOTARY PUBLIC   
MY COMMISSION EXPIRES: 11/04/2025



Attachment No. 4:  
City of Laredo Warranty Statement Form

**SECTION C-10**  
**City of Laredo Warranty Statement Form**

**Project Information**

Name: City of Laredo Landfill Phases 4 and 5 Cell Construction Location: Laredo Landfill

Cost: \$ 4,794,227.40 State Date: 2/26/2024

Contract/P.O. #: FY24-ENG-01 Council Acceptance: \_\_\_\_\_

Completion Date: Original 9/9/2024; CO 10/29/2024

**Contractor/Sub-Contractor/Vendor Information**

Name: 4X Construction Group, LLC Address: 99 Regency Parkway, Suite 303  
Mansfield, TX 76063

Contact Number: 817-779-3290 Email Address: jeff.parrish@4xconstruction.com

**Warranty Information**

Coverage Type (Detail):  
Per the Plans and Specifications

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Required Maintenance  
(Detail): \_\_\_\_\_

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Manuals Received (if applicable): N/A Expiration Date: \_\_\_\_\_

Copies Provided To: \_\_\_\_\_

**Warranty Statement**

We are the Prime contractor for the above indicated project. We guarantee out workmanship, equipment and materials to be free from defects for a period of 1-Year from the completion date.

Signature: 

Date: 11/6/2024

**For Warranty Management Office Use Only:**

**Entered into Warranty Management Tracker? \_\_\_\_\_ Entered By \_\_\_\_\_**

**Date Entered: \_\_\_\_\_ Warranty Management Acct # Assigned: \_\_\_\_\_**

Attachment No. 5:  
Pre-Final Walkthrough Punch List



PRE-FINAL WALKTHROUGH PUNCH LIST

Project Name		Project Address	Project Number	Project Manager	Date
City of Laredo Landfill Phases 4 and 5 Cell Construction TCEQ MSW Permit No. 1693B		6912 State Highway 359	240129	Daniel De Luna, P.E.	9/11/2024
Item Number	Description	Location	Action Item		Status
1	<u>Demolition</u>	Throughout site	N/A- Completed		Completed
2	<u>Excavation</u>	Throughout site	N/A- Completed		Completed
3	<u>Subgrade Fill</u>	Phase 4 and Phase 5 - Cell 1, 2, and 3	N/A- Completed		Completed
4	<u>Separation Liner Fill</u>	Phase 4 and Phase 5 - Cell 1, 2, and 3	N/A- Completed		Completed
5	<u>Subgrade Preparation - Floor</u>	Phase 4 and Phase 5 - Cell 1, 2, and 3	N/A- Completed		Completed
6	<u>Subgrade Preparation - Side Slope</u>	Phase 4 and Phase 5 - Cell 1, 2, and 3	N/A- Completed		Completed

7	<u>Non-Reinforced Geosynthetic Clay Liner (GCL) - Floor</u>	Phase 4 and Phase 5 - Cell 1, 2, and 3	N/A- Completed	Completed
8	<u>Reinforced Geosynthetic Clay Line (GCL) - Side Slopes</u>	Phase 4 and Phase 5 - Cell 1, 2, and 3	N/A- Completed	Completed
9	<u>60 Mil HDPE Geomembrane - Smooth, Complete in Place</u>	Phase 4 and Phase 5 - Cell 1, 2, and 3	N/A- Completed	Completed
10	<u>60 Mil HDPE Geomembrane - Textured, Complete in Place</u>	Phase 4 and Phase 5 - Cell 1, 2, and 3	N/A- Completed	Completed
11	<u>Geocomposite Drainage Layer (single sided) for Composite Liner, Complete in place</u>	Phase 4 and Phase 5 - Cell 1, 2, and 3	N/A- Completed	Completed
12	<u>Geocomposite Drainage Layer (double sided) for Composite Liner, Complete in place</u>	Phase 4 and Phase 5 - Cell 1, 2, and 3	N/A- Completed	Completed
13	<u>Protective Soil Cover</u>	Phase 4 and Phase 5 - Cell 1, 2, and 3	N/A- Completed	Completed
14	<u>Protective Cover Berm</u>	Phase 4 and Phase 5 - Cell 1, 2, and 3	N/A- Completed	Completed

15	<u>Seperation Liner Reinforced Geosynthetic Clay Liner (GCL)</u>	Phase 4 and Phase 5 - Cell 1, 2, and 3	N/A- Completed	Completed
16	<u>Separation Liner 60 Mil HDPE Geomembrane</u>	Phase 4 and Phase 5 - Cell 1, 2, and 3	N/A- Completed	Completed
17	<u>Seperation Liner Geocomposite Drainage layer</u>	Phase 4 and Phase 5 - Cell 1, 2, and 3	N/A- Completed	Completed
18	<u>Seperation liner Protective Soil Cover</u>	Phase 4 and Phase 5 - Cell 1, 2, and 3	N/A- Completed	Completed
19	<u>Leachate Collection System</u>	North side of project site	Reconnection Existing NE Sump ongoing, City in concurrence with work. 4X Construction advised on 14 day lead time for materials.	Pending
20	<u>Anchor Trench</u>	Perimeter of each cell	City asked for proctor density results. Ardurra to follow up with Terracon and Parkhill.	Pending
21	<u>Relocate Existing Waste to Expose Tie-In</u>	Throughout each cell	N/A- Completed	Completed
22	<u>Remove abandoned gas pipe</u>	North side of improvements	N/A- Completed	Completed

23	<u>Liner Tie-in</u>	Throughout each cell	N/A- Completed	Completed
24	<u>GKER/GCLR Marker</u>	Corners of project cells	N/A- Completed	Completed
25	<u>4-inch Force main</u>	East side of project site	N/A- Completed	Completed
26	<u>Excavation for drain channel and roadway</u>	East side of project site	4X Construction to verify HDPE manufacturer recommendation of cover for pipe. Currently has approximately 2'.	Pending
27	<u>Embankment for drain channel and roadway</u>	East side of project site	N/A- Completed	Completed
28	<u>6" Flex Base for Roadway</u>	East side of project site	N/A- Completed	Completed
29	<u>Conc Junction Box</u>	Northeast side of site	N/A- Completed	Completed
30	<u>Headwall and Wingwalls</u>	East side of project site	N/A- Completed	Completed

31	<u>Riprap</u>	East side of project site. Near headwall.	N/A- Completed	Completed
32	<u>Pipe for Drains</u>	East side of project site	4X Construction to verify HDPE manufacturer recommendation of cover for pipe. Currently has approximately 2'.	Pending
33	<u>Clean/flush existing storm inlets</u>	Throughout site	N/A- Completed	Completed
34	<u>Reinf. Concrete bollards at Scale Building</u>	4 total bollards near sumps	N/A- Completed	Completed