

MEMORANDUM

To: SFSWMA Joint Powers Board Members
From: Randall Kippenbrock, P.E., Executive Director ^{RLK}
Date: October 13, 2025
Subject: Approval of General Construction Services with Cooperative Educational Services (CES) / Anissa Construction, Inc. of Albuquerque, NM, for the Customer Unloading Area Improvements at the Buckman Road Recycling and Transfer Station under CES Contract No. 2023-05-R1238 ALL in the Amount of \$68,663.89

SUMMARY

The Agency is requesting that the Board approve a general construction services with Cooperative Educational Services (CES) / Anissa Construction, Inc. of Albuquerque, NM, for the customer unloading area improvements at the Buckman Road Recycling and Transfer Station (BuRRT) under CES Contract No. 2023-05-R1238 ALL, totaling \$68,663.89.

Funding is available in 816.100700 (Capital Improvements Reserve Fund).

The anticipated construction schedule is 3-4 days. Anissa Construction will develop a schedule to minimize disruptions to the transfer station operation while construction continues. The public will be notified well in advance of any planned shutdowns.

BACKGROUND

BuRRT commenced operations in 1997. In 2024, over 87,600 customers tipped their waste inside the transfer station. The unloading (tipping) area has 15 metal curb stops. The curb stops are six feet from the edge of the tipping floor with a nominal 28" height. As a result, customers stop their vehicles/trailers when contacting a curb stop, which leaves them little room to unload from the rear, and sometimes with the tailgate hanging over the edge of the tipping floor. Also, customers have been injured by tripping over a curb stop and landing on the concrete floor or falling onto the tipping floor, with some injuries requiring medical attention.

On March 20, 2025, the Board approved a Professional Services Agreement with Laulea Engineering, LLC, of Honolulu, HI, for engineering services related to the customer unloading area improvements at BuRRT, in the amount of \$20,950.

On May 15, 2025, the Board approved the FY-26 budget, which included installing safety railing and wheel stops for the customer unloading area at BuRRT.

Laulea Engineering's design consists of the following improvements (Attachment 3):

- Install approximately 150 feet of safety railing along the customer unloading area, between curb stops and the top of the tipping floor push wall. Railing size is 4" in diameter and mounted on metal posts 42 inches high.
- Sandblast and paint the railing and posts with epoxy safety yellow.
- Remove existing wheel stops located six feet from the edge of the tipping floor and repair the concrete floor at anchor locations.
- Install 15 replaceable wheel stops at eight feet from the edge of the tipping floor.

- Install signs.
- Paint stripes for parking bays.

On October 13, 2025, Anissa Construction submitted a cost proposal for the customer unloading area improvements at the BuRRT transfer station for \$68,663.89 under CES Contract No. 2023-05-R1238 ALL, as detailed in Attachment 2.

ACTION REQUESTED

The Agency is requesting the Board approve the general construction services with Cooperative Educational Services (CES) / Anissa Construction, Inc. of Albuquerque, NM, for the customer unloading area improvements at BuRRT under CES Contract No. 2023-05-R1238 ALL for \$68,663.89.

The Agency also requests approval of a budget increase to 8100852.570400 (Building & Structure Non-Exempt) from 816.100700 (Capital Improvements Reserve Fund) in the amount of \$68,663.89.

Attachments:

- 1) Budget Adjustment Request
- 2) Anissa Construction Cost Proposal
- 3) CES Contract No. 2023-05-R1238 ALL
- 4) Laulea Engineering Plans and Specifications

ATTACHMENT 1
Budget Adjustment Request

ATTACHMENT 2
Anissa Construction Cost Proposal

Job Order Package

This proposal was prepared exclusively for Cooperative Educational Services

Job Name: BURTT - guardrail
Contract Name: Cooperative Educational Services JOC General Construction 2023-05-R1238-ALL
Contractor Name: Anissa Construction
Created On: 10/13/2025
Generated By: using Gordian Job Order Contracting Core for Cooperative Educational Services

Job Order Details - BURTT - guardrail

This proposal was prepared exclusively for Cooperative Educational Services

Job Number: 2025- 502

Job Name: BURTT - guardrail

Detailed Scope Of Work - BURTT - guardrail

This proposal was prepared exclusively for Cooperative Educational Services

Job Number: 2025- 502

Job Name: BURTT - guardrail

Date Created: 10/12/2025

Last Updated: 10/13/2025

DESCRIPTION: Includes the following guardrail, wheel stops, anchor bolts, 1/4" chain, restricted access sign, epoxy paint on guardrail, removal of existing pipe wheel stops, repairing related concrete, demo of various items including bollard, replace bollard

Price Proposal - Cooperative Educational Services JOC General Construction 2023-05-R1238-ALL

This proposal was prepared exclusively for Cooperative Educational Services

Job Number: 2025- 502
 Job Name: BURTT - guardrail
 Contractor: Anissa Construction
 Date Created: 10/12/2025
 Last Update: 10/13/2025
 Proposal Value: \$68,663.89
 Construction Procurement Catalog: 2025 Annual - SANTA FE, NM

Summary By Division

Division	Line Total
01 General Requirements	\$5,166.59
01 General Requirements	\$1,540.13
02 Existing Conditions	\$11,270.22
03 Concrete	\$18,645.88
05 Metals	\$18,971.80
08 Openings	\$44.56
09 Finishes	\$406.00
10 Specialties	\$60.81
32 Exterior Improvements	\$9,854.08
34 Transportation	\$2,703.82

Non-Prepriced Items

Item Name	Division	QTY	Unit Price	Factor	Line Total
New Mexico Gross Receipts tax Item Notes: User Notes: Remainder of Santa Fe County, 01-001, 6.8750%	01 General Requirements	1.000000	\$4,416.98	1.0000	\$4,416.98
Bond Item Notes: User Notes:	01 General Requirements	1.000000	\$749.61	1.0000	\$749.61

Price Proposal Report

Detailed Price Proposal

Sr.#	Division	Line Item #	Mod	UOM	Description	Line Total
1	General Requirements	Non-Prepriced		EA	New Mexico Gross Receipts tax Item Notes: User Notes: Remainder of Santa Fe County, 01-001, 6.8750%	\$4,416.98
				QTY	Unit Price	Factor
				1.000000	\$4,416.98	1.0000
						Total
						\$4,416.98
2		Non-Prepriced		EA	Bond Item Notes: User Notes:	\$749.61
				QTY	Unit Price	Factor
				1.000000	\$749.61	1.0000
						Total
						\$749.61
3	General Requirements	015623100150		L.F.	Barricades, wood, movable, 3 rail, 5' high, 3 rail @ 2" x 8", movable Movable Item Notes: NOTE: Temporary barrier and enclosure costs are inclusive of erection and dismantling. User Notes:	\$1,540.13
				QTY	Unit Price	Factor
				34.000000	\$31.24	1.4500
						Total
						\$1,540.13
4	Existing Conditions	024113300800		L.F.	Minor site demolition, guiderail, corrugated steel, remove only, excluds hauling Guiderail, corrugated steel, remove only Item Notes: NOTE: Whole Building Demolition: Demolition of the whole building with no concern for any particular building element, component, or material type being demolished. This type of demolition is accomplished with large pieces of construction equipment that break up the structure, load it into trucks and haul it to a disposal site, but disposal or dump fees are not included. Certain components of buildings may contain hazardous waste and must be removed as such before the building can be demolished. Foundation Demolition: Demolition of below-grade foundation footings, foundation walls, grade beams, and slabs on grade. This type of demolition is accomplished by heavy equipment and hand or pneumatic hand tools, and does not include saw cutting or handling, loading, hauling, or disposal of the debris. Gutting: Removal of the building interior finishes and electrical/mechanical systems down to the load-bearing and sub-floor elements of the rough building frame, with no concern for any particular building element, component, or material type being demolished. This type of demolition is accomplished by electric tools, hand tools or pneumatic hand tools, and includes loading into trucks or dumpsters. Dumpster fees or hauling, disposal or dump fees are not included. Any required scaffolding or shoring is not included. Certain components of buildings may contain hazardous waste and must be removed as such before the building can be gutted. Selective Demolition: Demolition of a selected building element, component or finish, with some concern for surrounding or adjacent element, components, or finishes. This type of demolition is accomplished by electric tools, hand tools or pneumatic hand tools. Selective demolition is considered ?dropped?, meaning the debris is simply dropped to the floor, slab or ground. Additional costs for ?rubbish handling? must be included. If the item being demolished is attached to another item being removed and can be removed as one, then the original item should not be included as a separate line item. For example, a chair rail attached to a wall that is scheduled for demolition should not be included as a separate line item, unless the chair rail is to be reused. Cutout Demolition: Demolition of a small quantity of floor, wall, roof, or other assembly, with concern for the appearance and structural integrity of the surrounding materials. This type of demolition is accomplished by electric tools, hand tools and pneumatic hand tools and does not include concrete or masonry saw cutting, handling, loading, hauling, or disposal of debris, scaffolding, or shoring. Rubbish Handling: Work activities that involve handling, loading or hauling of debris. Generally, the cost of rubbish handling must be added to the cost of all types of demolition, with the exception of whole building demolition. Minor Site Demolition: Demolition of site elements outside the footprint of a building. This type of demolition is accomplished by electric tools, hand tools, pneumatic tools or heavy equipment and may include loading a removed item onto a truck (check the assigned crew for equipment used). It does not include concrete or masonry saw cutting, hauling, or disposal of debris and sometimes loading and handling. Salvageable materials are the property of the owner unless specified otherwise. User Notes:	\$6,528.63
				QTY	Unit Price	Factor
						Total

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			250.00000	\$18.01	1.4500	\$6,528.63	
5	024119190600	Week	Selective demolition, rubbish handling, dumpster, 6 C.Y., 2 ton capacity, weekly rental, includes one dump per week, cost to be added to demolition cost Dumpster, weekly rental, 1 dump/week, 6 C.Y. capacity (2 tons) Item Notes: NOTE: Whole Building Demolition: Demolition of the whole building with no concern for any particular building element, component, or material type being demolished. This type of demolition is accomplished with large pieces of construction equipment that break up the structure, load it into trucks and haul it to a disposal site, but disposal or dump fees are not included. Certain components of buildings may contain hazardous waste and must be removed as such before the building can be demolished. Foundation Demolition: Demolition of below-grade foundation footings, foundation walls, grade beams, and slabs on grade. This type of demolition is accomplished by heavy equipment and hand or pneumatic hand tools, and does not include saw cutting or handling, loading, hauling, or disposal of the debris. Gutting: Removal of the building interior finishes and electrical/mechanical systems down to the load-bearing and sub-floor elements of the rough building frame, with no concern for any particular building element, component, or material type being demolished. This type of demolition is accomplished by electric tools, hand tools or pneumatic hand tools, and includes loading into trucks or dumpsters. Dumpster fees or hauling, disposal or dump fees are not included. Any required scaffolding or shoring is not included. Certain components of buildings may contain hazardous waste and must be removed as such before the building can be gutted. Selective Demolition: Demolition of a selected building element, component or finish, with some concern for surrounding or adjacent element, components, or finishes. This type of demolition is accomplished by electric tools, hand tools or pneumatic hand tools. Selective demolition is considered "dropped", meaning the debris is simply dropped to the floor, slab or ground. Additional costs for "rubbish handling" must be included. If the item being demolished is attached to another item being removed and can be removed as one, then the original item should not be included as a separate line item. For example, a chair rail attached to a wall that is scheduled for demolition should not be included as a separate line item, unless the chair rail is to be reused. Cutout Demolition: Demolition of a small quantity of floor, wall, roof, or other assembly, with concern for the appearance and structural integrity of the surrounding materials. This type of demolition is accomplished by electric tools, hand tools and pneumatic hand tools and does not include concrete or masonry saw cutting, handling, loading, hauling, or disposal of debris, scaffolding, or shoring. Rubbish Handling: Work activities that involve handling, loading or hauling of debris. Generally, the cost of rubbish handling must be added to the cost of all types of demolition, with the exception of whole building demolition. Minor Site Demolition: Demolition of site elements outside the footprint of a building. This type of demolition is accomplished by electric tools, hand tools, pneumatic tools or heavy equipment and may include loading a removed item onto a truck (check the assigned crew for equipment used). It does not include concrete or masonry saw cutting, hauling, or disposal of debris and sometimes loading and handling. Salvageable materials are the property of the owner unless specified otherwise. User Notes:				\$601.75
			QTY	Unit Price	Factor	Total	
			1.000000	\$415.00	1.4500	\$601.75	
6	024113920600	Ea.	Selective demolition, parking appurtenances, wheel stops, precast concrete Wheel stops, precast concrete Item Notes: NOTE: Whole Building Demolition: Demolition of the whole building with no concern for any particular building element, component, or material type being demolished. This type of demolition is accomplished with large pieces of construction equipment that break up the structure, load it into trucks and haul it to a disposal site, but disposal or dump fees are not included. Certain components of buildings may contain hazardous waste and must be removed as such before the building can be demolished. Foundation Demolition: Demolition of below-grade foundation footings, foundation walls, grade beams, and slabs on grade. This type of demolition is accomplished by heavy equipment and hand or pneumatic hand tools, and does not include saw cutting or handling, loading, hauling, or disposal of the debris. Gutting: Removal of the building interior finishes and electrical/mechanical systems down to the load-bearing and sub-floor elements of the rough building frame, with no concern for any particular building element, component, or material type being demolished. This type of demolition is accomplished by electric tools, hand tools or pneumatic hand tools, and includes loading into trucks or dumpsters. Dumpster fees or hauling, disposal or dump fees are not included. Any required scaffolding or shoring is not included. Certain components of buildings may contain hazardous waste and must be removed as such before the building can be gutted. Selective Demolition: Demolition of a selected building element, component or finish, with some concern for surrounding or adjacent element, components, or finishes. This type of demolition is accomplished by electric tools, hand tools or pneumatic hand tools. Selective demolition is considered "dropped", meaning the debris is simply dropped to the floor, slab or ground. Additional costs for "rubbish handling" must be included. If the item being demolished is attached to another item being removed and can be removed as one, then the original item should not be included as a separate line item. For example, a chair rail attached to a wall that is scheduled for demolition should not be included as a separate line item, unless the chair rail is to be reused. Cutout Demolition: Demolition of a small quantity of floor, wall, roof, or other assembly, with concern for the appearance and structural integrity of the surrounding materials. This type of demolition is accomplished by electric tools, hand tools and pneumatic hand tools and does not include concrete or masonry saw cutting, handling, loading, hauling, or disposal of debris, scaffolding, or shoring. Rubbish Handling: Work activities that involve handling, loading or hauling of debris. Generally, the cost of rubbish handling must be added to the cost of all types of demolition, with the exception of whole building demolition. Minor Site Demolition: Demolition of site elements outside the footprint of a building. Price Proposal Report				\$600.30

This type of demolition is accomplished by electric tools, hand tools, pneumatic tools or heavy equipment and may include loading a removed item onto a truck (check the assigned crew for equipment used). It does not include concrete or masonry saw cutting, hauling, or disposal of debris and sometimes loading and handling. Salvageable materials are the property of the owner unless specified otherwise.

User Notes:

			QTY	Unit Price	Factor	Total	
			30.000000	\$13.80	1.4500	\$600.30	
7	024113175050	S.Y.	Demolish, remove pavement & curb, remove bituminous pavement, 4" to 6" thick, excludes hauling and disposal fees 4"-6" thick Item Notes: NOTE: Whole Building Demolition: Demolition of the whole building with no concern for any particular building element, component, or material type being demolished. This type of demolition is accomplished with large pieces of construction equipment that break up the structure, load it into trucks and haul it to a disposal site, but disposal or dump fees are not included. Certain components of buildings may contain hazardous waste and must be removed as such before the building can be demolished. Foundation Demolition: Demolition of below-grade foundation footings, foundation walls, grade beams, and slabs on grade. This type of demolition is accomplished by heavy equipment and hand or pneumatic hand tools, and does not include saw cutting or handling, loading, hauling, or disposal of the debris. Gutting: Removal of the building interior finishes and electrical/mechanical systems down to the load-bearing and sub-floor elements of the rough building frame, with no concern for any particular building element, component, or material type being demolished. This type of demolition is accomplished by electric tools, hand tools or pneumatic hand tools, and includes loading into trucks or dumpsters. Dumpster fees or hauling, disposal or dump fees are not included. Any required scaffolding or shoring is not included. Certain components of buildings may contain hazardous waste and must be removed as such before the building can be gutted. Selective Demolition: Demolition of a selected building element, component or finish, with some concern for surrounding or adjacent element, components, or finishes. This type of demolition is accomplished by electric tools, hand tools or pneumatic hand tools. Selective demolition is considered "dropped", meaning the debris is simply dropped to the floor, slab or ground. Additional costs for "rubbish handling" must be included. If the item being demolished is attached to another item being removed and can be removed as one, then the original item should not be included as a separate line item. For example, a chair rail attached to a wall that is scheduled for demolition should not be included as a separate line item, unless the chair rail is to be reused. Cutout Demolition: Demolition of a small quantity of floor, wall, roof, or other assembly, with concern for the appearance and structural integrity of the surrounding materials. This type of demolition is accomplished by electric tools, hand tools and pneumatic hand tools and does not include concrete or masonry saw cutting, handling, loading, hauling, or disposal of debris, scaffolding, or shoring. Rubbish Handling: Work activities that involve handling, loading or hauling of debris. Generally, the cost of rubbish handling must be added to the cost of all types of demolition, with the exception of whole building demolition. Minor Site Demolition: Demolition of site elements outside the footprint of a building. This type of demolition is accomplished by electric tools, hand tools, pneumatic tools or heavy equipment and may include loading a removed item onto a truck (check the assigned crew for equipment used). It does not include concrete or masonry saw cutting, hauling, or disposal of debris and sometimes loading and handling. Salvageable materials are the property of the owner unless specified otherwise. User Notes:				\$3,371.25
			QTY	Unit Price	Factor	Total	
			250.000000	\$9.30	1.4500	\$3,371.25	
8	024116172500	S.F.	Building footings and foundations demolition, remove concrete walls, plain concrete, 12" thick, excludes disposal costs and dump fees 12" thick Item Notes: NOTE: Whole Building Demolition: Demolition of the whole building with no concern for any particular building element, component, or material type being demolished. This type of demolition is accomplished with large pieces of construction equipment that break up the structure, load it into trucks and haul it to a disposal site, but disposal or dump fees are not included. Certain components of buildings may contain hazardous waste and must be removed as such before the building can be demolished. Foundation Demolition: Demolition of below-grade foundation footings, foundation walls, grade beams, and slabs on grade. This type of demolition is accomplished by heavy equipment and hand or pneumatic hand tools, and does not include saw cutting or handling, loading, hauling, or disposal of the debris. Gutting: Removal of the building interior finishes and electrical/mechanical systems down to the load-bearing and sub-floor elements of the rough building frame, with no concern for any particular building element, component, or material type being demolished. This type of demolition is accomplished by electric tools, hand tools or pneumatic hand tools, and includes loading into trucks or dumpsters. Dumpster fees or hauling, disposal or dump fees are not included. Any required scaffolding or shoring is not included. Certain components of buildings may contain hazardous waste and must be removed as such before the building can be gutted. Selective Demolition: Demolition of a selected building element, component or finish, with some concern for surrounding or adjacent element, components, or finishes. This type of demolition is accomplished by electric tools, hand tools or pneumatic hand tools. Selective demolition is considered "dropped", meaning the debris is simply dropped to the floor, slab or pneumatic hand tools. Selective demolition is considered "dropped", meaning the debris is simply dropped to the floor, slab				\$50.40

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or ground. Additional costs for ?rubbish handling? must be included. If the item being demolished is attached to another item being removed and can be removed as one, then the original item should not be included as a separate line item. For example, a chair rail attached to a wall that is scheduled for demolition should not be included as a separate line item, unless the chair rail is to be reused. Cutout Demolition: Demolition of a small quantity of floor, wall, roof, or other assembly, with concern for the appearance and structural integrity of the surrounding materials. This type of demolition is accomplished by electric tools, hand tools and pneumatic hand tools and does not include concrete or masonry saw cutting, handling, loading, hauling, or disposal of debris, scaffolding, or shoring. Rubbish Handling: Work activities that involve handling, loading or hauling of debris. Generally, the cost of rubbish handling must be added to the cost of all types of demolition, with the exception of whole building demolition. Minor Site Demolition: Demolition of site elements outside the footprint of a building. This type of demolition is accomplished by electric tools, hand tools, pneumatic tools or heavy equipment and may include loading a removed item onto a truck (check the assigned crew for equipment used). It does not include concrete or masonry saw cutting, hauling, or disposal of debris and sometimes loading and handling. Salvageable materials are the property of the owner unless specified otherwise.

User Notes: concrete repair at removal of existing pipe

			QTY	Unit Price	Factor	Total
			30.000000	\$1.68	1.0000	\$50.40

9	024113175400	C.Y.	Demolish, remove pavement & curb, remove concrete, plain, 7" to 24" thick, excludes hauling and disposal fees Concrete, 7"-24" thick, plain Item Notes: NOTE: Whole Building Demolition: Demolition of the whole building with no concern for any particular building element, component, or material type being demolished. This type of demolition is accomplished with large pieces of construction equipment that break up the structure, load it into trucks and haul it to a disposal site, but disposal or dump fees are not included. Certain components of buildings may contain hazardous waste and must be removed as such before the building can be demolished. Foundation Demolition: Demolition of below-grade foundation footings, foundation walls, grade beams, and slabs on grade. This type of demolition is accomplished by heavy equipment and hand or pneumatic hand tools, and does not include saw cutting or handling, loading, hauling, or disposal of the debris. Cutting: Removal of the building interior finishes and electrical/mechanical systems down to the load-bearing and sub-floor elements of the rough building frame, with no concern for any particular building element, component, or material type being demolished. This type of demolition is accomplished by electric tools, hand tools or pneumatic hand tools, and includes loading into trucks or dumpsters. Dumpster fees or hauling, disposal or dump fees are not included. Any required scaffolding or shoring is not included. Certain components of buildings may contain hazardous waste and must be removed as such before the building can be gutted. Selective Demolition: Demolition of a selected building element, component or finish, with some concern for surrounding or adjacent element, components, or finishes. This type of demolition is accomplished by electric tools, hand tools or pneumatic hand tools. Selective demolition is considered ?dropped?, meaning the debris is simply dropped to the floor, slab or ground. Additional costs for ?rubbish handling? must be included. If the item being demolished is attached to another item being removed and can be removed as one, then the original item should not be included as a separate line item. For example, a chair rail attached to a wall that is scheduled for demolition should not be included as a separate line item, unless the chair rail is to be reused. Cutout Demolition: Demolition of a small quantity of floor, wall, roof, or other assembly, with concern for the appearance and structural integrity of the surrounding materials. This type of demolition is accomplished by electric tools, hand tools and pneumatic hand tools and does not include concrete or masonry saw cutting, handling, loading, hauling, or disposal of debris, scaffolding, or shoring. Rubbish Handling: Work activities that involve handling, loading or hauling of debris. Generally, the cost of rubbish handling must be added to the cost of all types of demolition, with the exception of whole building demolition. Minor Site Demolition: Demolition of site elements outside the footprint of a building. This type of demolition is accomplished by electric tools, hand tools, pneumatic tools or heavy equipment and may include loading a removed item onto a truck (check the assigned crew for equipment used). It does not include concrete or masonry saw cutting, hauling, or disposal of debris and sometimes loading and handling. Salvageable materials are the property of the owner unless specified otherwise. User Notes: remove concrete at existing bollard	\$117.89
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			QTY	Unit Price	Factor	Total
			1.000000	\$117.89	1.0000	\$117.89

10	Concrete	030130726200	C.F.	Spall repairs by the Preplaced Aggregate method (ACI RAP-9), place repair material by pump from the bottom up Place grout by pump from bottom up Item Notes: NOTE: Concrete maintenance and restoration costs do not include the scaffolding required to work for extended periods at heights above shoulder level. Always add the appropriate scaffolding based upon the job conditions. Any debris must be removed from the job site and disposed of properly. Additional costs for rubbish handling and disposal can be found in division 2. User Notes:	\$4,379.73
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				QTY	Unit Price	Factor	Total
				350.000000	\$8.63	1.4500	\$4,379.73
11	031519058500	Ea.	Anchor bolt sleeve, plastic, 1-1/2" diameter bolts 1-1/2" diameter Item Notes: NOTE: Items in this section generally include both a material cost plus installation labor cost. For those items without a labor cost, such as snap ties, there is an allowance already built into the appropriate concrete forming item, such as wall forming. User Notes:				\$2,920.53
				QTY	Unit Price	Factor	Total
				68.000000	\$29.62	1.4500	\$2,920.53
12	030130620150	S.F.	Patching concrete, floors, small area, epoxy grout, 1/4" thick Epoxy grout Item Notes: NOTE: Concrete maintenance and restoration costs do not include the scaffolding required to work for extended periods at heights above shoulder level. Always add the appropriate scaffolding based upon the job conditions. Any debris must be removed from the job site and disposed of properly. Additional costs for rubbish handling and disposal can be found in division 2. User Notes: epoxy grout at anchor bolts				\$2,461.06
				QTY	Unit Price	Factor	Total
				68.000000	\$24.96	1.4500	\$2,461.06
13	031519058800	Ea.	Anchor bolt template, steel, 8" bolt spacing Templates, steel, 8" bolt spacing Item Notes: NOTE: Items in this section generally include both a material cost plus installation labor cost. For those items without a labor cost, such as snap ties, there is an allowance already built into the appropriate concrete forming item, such as wall forming. User Notes: anchor at plastic bumpers				\$5,546.25
				QTY	Unit Price	Factor	Total
				68.000000	\$56.25	1.4500	\$5,546.25
14	038213100250	Ea.	Concrete core drilling, core, reinforced concrete slab, 2" diameter, up to 6" thick slab, includes bit cost, layout and set up time, for each additional inch of slab thickness in same hole, add For each additional inch of slab thickness in same hole, add Item Notes: NOTE: Concrete boring costs include labor and equipment costs, as well as a pro-rated amount of drill bit wear, to lay out, set up, and drill holes in concrete with either a core drill or impact hammer drill. Includes bringing power and water to the drilling site. Excludes any scaffolding or shoring. User Notes:				\$79.87
				QTY	Unit Price	Factor	Total
				68.000000	\$.81	1.4500	\$79.87
15	031113255150	SFCA	C.I.P. concrete forms, column, square, plywood, 8" x 8", 4 use, includes erecting, bracing, stripping and cleaning 4 use Item Notes: NOTE: Forming with job-built plywood forms generally includes erecting, bracing, stripping, cleaning, and moving. Support shoring is also included for elevated structural components. User Notes: used for fill of existing sleeves				\$2,250.40
				QTY	Unit Price	Factor	Total
				200.000000	\$7.76	1.4500	\$2,250.40
16	031113450020	SFCA	C.I.P. concrete forms, footing, continuous wall, plywood, 1 use, includes erecting, bracing, stripping and cleaning Continuous wall, plywood, 1 use Item Notes: NOTE: Forming with job-built plywood forms generally includes erecting, bracing, stripping, cleaning, and moving. Support shoring is also included for elevated structural components.				\$1,008.04

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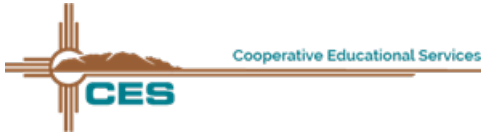
User Notes: concrete at new bollard

				QTY	Unit Price	Factor	Total	
				40.000000	\$17.38	1.4500	\$1,008.04	
17	Metals	055216500020	L.F.	Railing, industrial, welded, steel pipe, 2 rails, 3'-6" high, posts @ 5' OC, 1-1/2" dia x 42" H, shop fabricated 2 rail, 3'-6" high, 1-1/2" pipe Item Notes: NOTE: Metal Railing costs include material, labor and equipment costs to install various shop-fabricated metal pipe railings and some picket railings. The unit of measure is usually per lineal foot of railing. There is an allowance in the material and installation costs for various fastening methods including anchoring cement in pre-formed/drilled holes, post base plates bolted to a floor/deck with drilling and expansion anchors, welding to the edge of a steel mezzanine, etc. Excluded are scaffolding, shoring, man lift, material lift, and crane costs. User Notes: includes verticals and horizontals				\$15,770.20
				QTY	Unit Price	Factor	Total	
				200.000000	\$54.38	1.4500	\$15,770.20	
18		050110516260	S.F.	Metal cleaning, steel surface treatment, 6.9 lb sand per S.F., near white blast, tight mill scale, little/no rust (SSPC-SP10) Tight mill scale, little/no rust, 6.9#/S.F. sand Item Notes: NOTE: Maintenance of Metals costs include material, labor and equipment costs to clean metal of rust, paint and coatings with either mechanical means, steam cleaning, pressure washing or sandblasting. User Notes:				\$3,201.60
				QTY	Unit Price	Factor	Total	
				300.000000	\$7.36	1.4500	\$3,201.60	
19	Openings	087920104000	Ea.	Door hardware, security chain, standard Security chain, standard Item Notes: NOTE: Hardware accessories include: key cabinets, door bolts, door chains, door track, hangers and guides. User Notes: used for security chain				\$44.56
				QTY	Unit Price	Factor	Total	
				1.000000	\$30.73	1.4500	\$44.56	
20	Finishes	099123528400	S.F.	Paints & coatings, miscellaneous interior, cornice, ornate design, paint 1 coat, oil base, brushwork Paint, 1 coat Item Notes: NOTE: List all the tasks required for each surface to be painted, including surface preparation, masking and protection of adjacent surfaces. Surface preparation may include minor repairs, washing, sanding and puttying. Apply height adjustments carefully. For instance, when applying the adjustment for work over 8' high to a wall that is 12' high, apply the adjustment only to the area between 8' and 12' high, and not to the entire wall. When estimating the cost of painting walls and ceilings remember to add the brushwork for all cut-ins. One linear foot of cut-in with a brush equals one square foot of painting. All items for spray painting include the labor for roll-back. The cost of brushes, rollers, ladders and spray equipment are considered part of a painting contractor's overhead and should not be added to the estimate. The cost of rental equipment, such as scaffolding and swing staging should be added to the estimate. User Notes:				\$406.00
				QTY	Unit Price	Factor	Total	
				350.000000	\$.80	1.4500	\$406.00	
21	Specialties	101423131550	Ea.	Signs, graphic symbols, adhesive back, 6" x 6" 6" x 6" Item Notes: NOTE: Signage items include fasteners or adhesive attachment. Include a separate line item for the post for traffic signs. User Notes:				\$60.81
				QTY	Unit Price	Factor	Total	
				1.000000	\$41.94	1.4500	\$60.81	

Price Proposal Report

22	Exterior Improvements	321723330100	L.F.	Thermoplastic pavement markings, with glass beads, road pavement, 4" wide, 6 lbs beads per 100 S.F. Thermoplastic striping, 6 lb. beads per 100 S.F., white or yellow, 4" wide Item Notes: NOTE: Section includes parking bumpers and pavement markings; specialty markings for airports or restricted access areas not included; special reflective markings not included User Notes:	\$1,566.00								
<table><tr><td>QTY</td><td>Unit Price</td><td>Factor</td><td>Total</td></tr><tr><td>800.000000</td><td>\$1.35</td><td>1.4500</td><td>\$1,566.00</td></tr></table>						QTY	Unit Price	Factor	Total	800.000000	\$1.35	1.4500	\$1,566.00
QTY	Unit Price	Factor	Total										
800.000000	\$1.35	1.4500	\$1,566.00										
23		321713161610	Ea.	Plastic parking bumpers, wheel stops, recycled plastic, yellow, 4" x 6" x 6' long Wheel stops, recycled plastic, yellow, 4" x 6" x 6' L Item Notes: NOTE: Section includes parking bumpers and pavement markings; specialty markings for airports or restricted access areas not included; special reflective markings not included User Notes:	\$3,407.38								
<table><tr><td>QTY</td><td>Unit Price</td><td>Factor</td><td>Total</td></tr><tr><td>16.000000</td><td>\$146.87</td><td>1.4500</td><td>\$3,407.38</td></tr></table>						QTY	Unit Price	Factor	Total	16.000000	\$146.87	1.4500	\$3,407.38
QTY	Unit Price	Factor	Total										
16.000000	\$146.87	1.4500	\$3,407.38										
24		321816160300	S.F.	Painting of athletic and recreational surface, epoxy prime coat small area Painting epoxy, Prime coat, small areas (100 S.F.per Gal) Item Notes: NOTE: Does not include sub-base material delivery/hauling trucking or grading. User Notes:	\$4,880.70								
<table><tr><td>QTY</td><td>Unit Price</td><td>Factor</td><td>Total</td></tr><tr><td>450.000000</td><td>\$7.48</td><td>1.4500</td><td>\$4,880.70</td></tr></table>						QTY	Unit Price	Factor	Total	450.000000	\$7.48	1.4500	\$4,880.70
QTY	Unit Price	Factor	Total										
450.000000	\$7.48	1.4500	\$4,880.70										
25	Transportation	347113172700	Ea.	Security vehicle barriers, pipe bollards, steel, concrete filled/painted, 8' L x 4' D hole, 8" diam. Pipe bollards, steel, concrete filled/painted, 8' L x 4' D hole, 8" diam. Item Notes: NOTE: Roadway construction includes cost to set Manual on Uniform Traffic Control Devices (MUTCD) traffic controls. Vehicle guide rail installation includes wood post installation. Delineators are low "flat" type, not tall "flag" type. User Notes:	\$2,703.82								
<table><tr><td>QTY</td><td>Unit Price</td><td>Factor</td><td>Total</td></tr><tr><td>1.000000</td><td>\$1,864.70</td><td>1.4500</td><td>\$2,703.82</td></tr></table>						QTY	Unit Price	Factor	Total	1.000000	\$1,864.70	1.4500	\$2,703.82
QTY	Unit Price	Factor	Total										
1.000000	\$1,864.70	1.4500	\$2,703.82										

ATTACHMENT 3
CES Contract No. 2023-05-R1238 ALL



Contract Award Letter

December 21, 2022

Anissa Construction, inc.
1232 Western Meadows Rd NW
Albuquerque, NM 87114

RE: Contract Award for:
2023-05-R1238-ALL Job Order Contracting (JOC) - General Construction

Dear Procurement Partner

Cooperative Educational Services (CES) thanks you for responding to our 2023-05 solicitation. The responses have been reviewed and it is our pleasure to inform you that your company has been selected to provide the products and services indicated in your response.

The Contract, in conjunction with the Contract and RFP documents, constitute the Agreement between the parties. Please retain all documents for your records. This Indefinite Delivery and Indefinite Quantity contract, as defined in NMSA 13-1-63; beginning December 13, 2022 and expiring December 12, 2025, pursuant to 13-1-150 NMSA.

It is the vendor's responsibility to keep pricing up to date throughout the life of the contract.

Sincerely yours,

Cooperative Educational Services

A handwritten signature in blue ink that reads "David Chavez".

David Chavez
Executive Director, Chief Procurement Officer
Office: 505.344.5470



ACCEPTANCE OF PROPOSAL AND OFFER AND CONTRACT AWARD

RFP NUMBER: 2023-05

RFP DESCRIPTION: Job Order Contracting (JOC) - General Construction

CONTRACT NUMBER: 2023-05-R1238-ALL

CONTRACT

This contract award is being made by Cooperative Educational Services (“CES”), 10601 Research Rd. SE, Albuquerque, New Mexico 87123 effective this 13th day of December 2022, to Anissa Construction, inc., with its principal office located at 1232 Western Meadows Rd NW, Albuquerque, NM 87114, pursuant to the above referenced CES conducted Request for Proposal (“RFP”) or Request for Bids (“RFB”) procurement, and Contract Holder accepts the award and enters into this contract pursuant to the following terms and conditions.

RECITALS

Cooperative Educational Services (CES) is a cooperative procurement agency created by a Joint Powers Agreement as authorized by Section 11-1-1, et. seq., N.M.S.A., 1978, and Section 13-1-135 and procures tangible personal property, services and construction services (“Products, Services and/or Construction Services”) pursuant to the New Mexico Procurement Code for the benefit of its Members and Participating Entities. The Members consist of public educational institutions in New Mexico that are signatories to a Joint Powers Agreement establishing CES as their procurement agency. The Participating Entities are governmental and 501(C) (3) organizations that have entered into Participating Entity Agreements with CES which allow them to take advantage of the procurement efforts of CES.

The undersigned (“Contract Holder”) has successfully responded to a RFP or RFB published by CES in accordance with the Procurement Code, (13-1-103, 111, 112), and Contract Holder is being awarded this RFP or RFB contract by CES which allows Contract Holder to offer Products, Services and Construction Services in accordance with the terms and conditions set forth herein and in the RFP or RFB documents and this contract award.

CONTRACT TERMS

1. The initial contract term shall be from the effective contract award date December 13, 2022 December 12, 2025. CES reserves the right to renew the Contract through a written amendment signed by all required signatories, but in any case, the Contract shall not exceed the total number of years allowed pursuant to NMSA 1978 13-1-150. CES reserves the right to offer month-to-month extensions if it is determined by CES to be in the best interest of CES Members/Participating Entities

2. Contract Holder agrees and acknowledges that the contract terms and provisions are those contained in the above referenced RFP or RFB and agrees to furnish all Products, Services and/or Construction Services in compliance with all terms, conditions, specifications of and amendments to this RFP or RFB. Contract Holder understands that his obligations under this RFP or RFB contract extend to CES Members and Participating Entities who are third party beneficiaries of this RFP or RFB procurement process. The Members/Participating Entities may negotiate with

Contract Holder certain additional terms and conditions relating to the scope of services and other performance details. However, the terms and conditions of the RFP or RFB may not be altered or amended except with the approval of CES and in accordance with the State Procurement Code.

3. Contract Holder acknowledges and agrees that CES' purpose and function is to act as a cooperative procurement agent on behalf of its Members and Participating Entities so that they may take advantage of these procurement efforts. CES does not have any subsequent responsibility relating to the quality and fitness of any Products, or the performance of any Services and Construction Services by Contract Holder. Any purchase orders placed by a CES Member or Participating Entity with Contract Holder directly or through CES and any resulting contract between the Contract Holder and a CES Member or Participating Entity do not create any additional obligations on the part of CES.

4. For transactions which involve CES transmitting purchase orders from a Member/Participating Entity to Contract Holder, CES volunteers to act as a payment facilitator to make payments to Contract Holder with funds transferred to CES by the Member/Participating Entity in accordance with Member/Participating Entity's written instructions and to provide an accounting of all monies paid or received by CES pursuant to this Agreement. CES also volunteers to provide informal mediation services between Contract Holder and Member/Participating Entity in the event any dispute arises between them.

5. Contract Holder understand and agree that upon CES' receipt of funds from the Member/Participating Entity, CES has no right or authority to thereafter apply those funds to any purpose other than as instructed by Member/Participating Entity. CES shall incur no liability to Contract Holder except for liability arising from CES' own gross negligence or willful misconduct, to the extent allowed by New Mexico law. Through this procurement process, Contract Holder is authorized to provide the described Products, Services or Construction Services. CES has no obligation or right to involve itself with the manner or method by which Contract Holder provides these Products, Services or Construction Services.

6. To the extent allowed by New Mexico law, Contract Holder agrees to hold CES harmless from all costs, expenses, attorney fees and judgments based upon claims between a Member/Participating Entity and Contract Holder in connection with the specified Products, Services or Construction Services provided by Contract Holder

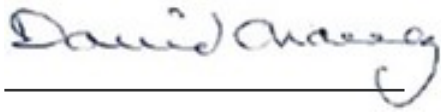
7. Contract Holder agrees that it will not assert any claim against CES in the event that a dispute arises regarding the alleged failure of Contract Holder or a Member/Participating Entity to perform as provided for in the RFP or RFB documents, any purchase order or other contract between Contract Holder and a Member/Participating Entity. This does not include claims against CES based upon the alleged gross negligence or intentional acts of CES.

8. Any liability incurred in connection with this Agreement shall be subject to the immunities and limitations of the New Mexico Tort Claims Act, §§ 41-4-1 et seq, NMSA 1978, as amended.

The Recitals are incorporated herein as contract terms.

Agreed effective the above date.

Cooperative Educational Services



Executive Director

Date: 12/12/2022

Anissa Construction, inc.

Anissa Hogeland

Electronically Signed on 12/21/2022

President

GENERAL SCOPE OF WORK AND SPECIFICATIONS

Lot 2 – RSMeans JOC Core™

PART I INTRODUCTION

A. GENERAL

The work performed under this solicitation will be set forth in each individual project's detailed specifications or detailed Scope of Work, as agreed upon by the CES Eligible Agency and the Contractor, and that is based on the **product**, services, or deliverables acquired through this solicitation. The CES General Terms and Conditions and Supplemental Construction Terms and Conditions are a part of this contract.

B. NOTICE

Indefinite delivery indefinite quantity (IDIQ) construction contracts` term and thresholds, resulting from this RFP, are pursuant to New Mexico Procurement Code, NMSA, 1978, 13-1-154.1

PART II SCOPE OF WORK AND SPECIFICATIONS

A. SCOPE OF WORK

Job Order Contracting (JOC) is an Indefinite Delivery Indefinite Quantity (IDIQ) construction delivery method that allows many projects to be completed through a single, publicly competed, competitively awarded contract. This single-solicitation process enables CES Members` projects to start faster and creates partnerships between project owners and awarded contractors, resulting in higher quality work.

CES is seeking qualified, licensed general contractor(s) in the State of New Mexico that hold a GB, BA, or GF (General Contractor's license) and who possess the qualifications, experience, and resources to provide construction services for a firm, fixed price based on this solicitation. The scope of work may include, but is not limited to, general construction services relating to the repair, alteration, renovation, modernization, rehabilitation, demolition, and construction of infrastructures, buildings, structures, or other public facilities for CES Members and Participating Entities. The Contractor will furnish all management, documentation, labor, materials, and equipment needed to perform and complete the scope of work stated for each individual project requested under this RFP. A contract awarded resulting from this solicitation is not project specific. Successful Offerors will market their CES contract to CES Members and Participating Entities for the work.

B. SPECIFICATIONS

1. Due to the nature of this Request for Proposals and the variety and level of construction products and services requested, the standard of quality and performance required in the specifications, and scope of work of individual projects, the minimum acceptable product and performance standards are those established by construction trade industry organizations, federal, state and local governmental agencies; or those of the product manufacturers specified in specific job orders, unless otherwise stated in the

project's final detailed scope of work, specifications, addendums, drawings, manufacturer industry standards or CES three-party agreement.

2. Contractor will pay for any failure to conform or for any defect. In addition, Contractor will fix any damage to CES Eligible Agency's controlled, real, or personal property when that damage is the result of Contractor's failure to conform to contract requirements; any defect in equipment, material, workmanship, or design furnished; or in failure to comply with federal, state and local laws, codes, and regulations. Contractor's warranty with respect to work done, repaired, or replaced under these conditions will run for one (1) year from the date of repair or replacement or completion.

3. If Contractor fails to remedy any failure, defect, or damage within a reasonable time after receipt of notice, the CES Eligible Agency will have the right to replace or otherwise remedy the failure, defect, or damage at the Contractor's expense in accordance with New Mexico state law.

4. Assisting CES Eligible Agencies in evaluating, designing, developing, renovating existing facilities and with constructing new additions to their facilities.

5. Remodeling of individual classrooms, offices, restrooms for ADA compliance, storage, and common areas, etc. that involves and requires multiple construction trades.

6. Renovating and updating of a variety of administrative, vocational, athletic, storage, and similar facilities that involves multiple construction trades.

7. Engaging in new construction of additions, such as classrooms, administrative, athletic, storage, land development, etc. that involves and requires multiple construction trades such as plumbing, electrical, carpentry, utilities, mechanical, masonry, site work, etc.

8. Providing various types of construction-related services to CES Eligible Agencies involving maintenance and repair of existing facilities or to supplement the CES Eligible Agency's own maintenance crews in completing projects.

C. SUPPLEMENTAL REQUIREMENTS TO THE SCOPE OF WORK

These supplemental conditions are to be adhered to in addition to the CES General Terms and Conditions and CES Supplemental Terms and Conditions specified in the RFP for either Category or Lot(s) if awarded a contract.

1. Unless otherwise specified, the Contractor shall supply all labor, services, tools, and equipment necessary to complete specific job order tasks in accordance with proper construction standards and practices; and shall complete projects as implied either from the project drawings or specifications. Architectural and engineering services may be required periodically. If so, the architectural and engineering fees will be agreed upon by the CES Eligible Agency with a customary and reasonable markup for the acquiring the services and executing the work per the A/E instructions.

2. At the issuance of each project or job order under this contract, the CES Eligible Agency and Contractor shall discuss the issues of access and special requirements that are to be observed during the execution of the work.
3. The Contractor shall perform the construction work in accordance with this contract, including provisions of all pricing, management, drawings, documents, labor, materials, supplies, parts, transportation, facilities, supervision, and equipment needed to complete each project.
4. Contractor shall maintain accurate and complete records, files, and documents to include state and local laws, ordinances, rules, regulations, manufacturers' instructions, and recommendations which are necessary and related to the work to be performed.
5. The Contractor will clearly identify each individual product and service and its cost in accordance with the pricing methodology as allowed in this RFP. A detailed price and cost submittal with all options that need to be considered will be submitted to the CES Eligible Agency in the format required by this RFP.
6. The Contractor shall prepare and submit required reports, maintain current record drawings, and submit required information to the CES Eligible Agency. The Contractor will provide materials lists to include model, trade names and brand names and ratings (if applicable) for all materials necessary to complete the job. If CES or the CES Eligible Agency requests any information, the records and files will be made available to them.
7. The Contractor may be required to provide minor architectural, structural, mechanical, electrical, civil, or other engineering services for small performance-based scopes of work as requested by the CES Eligible Agency or as required for filings or permits. The services shall be provided by architects or engineers registered and insured in the State of New Mexico to practice in the professional field required. Professional liability coverage shall be at least \$500,000. All documents prepared by architects, consultants, and engineers for the Contractor under this contract are subject to review by the CES Eligible Agencies and NMPSFA, when applicable.
8. The procedure for initiating a specific job order under the CES Gordian ezIQC JOC program is as follows:
 - a. The CES Eligible Agency may award an individual project to any selected Contractor. Selection of the Contractor and award of the project may be based on one or more of the following criteria:
 - a.1. Evaluation of past and current performance on projects of a similar nature and type of work, project size, construction management challenges, schedule performance, etc.
 - a.2. Owner schedule and the availability and current workload of preferred Contractor.
 - a.3. Management of project dollar volume within bonding limitations of the Contractor.
 - a.4. Price, as it relates to the CES Eligible Agency's independent cost estimate or to an offer from any other contractor.
 - a.5. Contractor's responsiveness to the CES Eligible Agency for other projects.
 - a.6. Other appropriate criteria as deemed in the best interest of the CES Eligible Agency.
9. The CES Eligible Agency, Gordian Account Manager, and the Contractor will schedule a site visit to discuss and develop a scope of work, determine the project requirement, and compile all pertinent

documents. From this meeting, the Contractor and CES Eligible Agency shall come away, at a minimum, with the following:

- a. The general scope of work
- b. Existing site conditions
- c. Definition and refinement of requirements
- d. Detailed scope of work
- e. Establishing requirements for design drawings, sketches, submittals, catalogue cuts, samples, shop drawings, etc.
- f. Tentative construction schedule (bar chart or critical path method [CPM] schedule)
- g. Preliminary quantity estimates
- h. Proposal due date
- i. Methods and alternatives for accomplishing work
- j. Access to the site and protocol for admission
- k. Staging area
- l. Presence of hazardous materials
- m. Liquidated damages.

10. Upon completion of the joint scope process, the Contractor will prepare and submit a draft of the detailed scope of work, referencing any attachments required to accurately document the work to be accomplished to the Gordian Account Manager and CES Eligible Agency to review. The CES Member to approve, amend or reject. The detailed scope of work, unless modified and agreed to by both the Contractor and the CES Eligible Agency, will be the basis on which the Contractor will develop its Price proposal and submit it to the CES Eligible Agency for its final acceptance or rejection. The Contractor does not have the right to refuse to perform any task or any work required for the successful delivery of the project.

a. The Contractor's Proposal shall include the following:

- a.1) Cost of the Work including Bonds (bonds shall be paid without mark-up) and NMGR
- a.2) Required drawings or sketches
- a.3) List of anticipated Subcontractors
- a.4) Construction schedule
- a.5) Calculations
- a.6) Special insurance, if required.
- a.7) For special equipment, a copy of the warranty document, if required.

b. Other requested documents:

- b.1) Catalog cuts, specifications, technical data, drawings, or other information as required to evaluate the task.
- b.2) If the Contractor will perform the work with its own forces, or if the work is to be subcontracted, the Contractor shall not submit a quote or bid from any supplier or subcontractor that the Contractor is not prepared to use. CES Eligible Agency may require additional quotes and bids if the suppliers or subcontractors are not acceptable or if the prices are not reasonable. If three quotes or bids cannot be obtained, the Contractor will provide the reason in writing for the Owner's approval. If approved, less than three quotes or bids will be allowed.
- b.3) The final price submitted for Non-Pre-priced Tasks shall be in accordance with the following

formula:

For Non-Pre-Priced Tasks Performed with Contractor's Own Forces:

A = The hourly rate for each trade classification not in the Construction Task Catalog® multiplied by the quantity.

B = The rate for each piece of Equipment not in the Construction Task Catalog® multiplied by the quantity.

C = Lowest of three independent quotes for all materials.

Total for a Non-Pre-priced Tasks performed with Contractor's Own Forces = (A+B+C) x Non-Pre-priced Task Adjustment Factor.

For Non-Pre-Priced Tasks Performed by Subcontractors:

If the Non-Pre-priced Task is to be subcontracted, the Contractor must submit three independent quotes for the work.

D = Lowest of three Subcontractor Quotes

Total Cost for Non-Pre-priced Tasks performed by Subcontractors = D x Non-Pre-Priced Task Adjustment Factor

b.4) After a Non-Pre-priced Task has been approved by CES, the Unit Price for such task will be established, and fixed as a permanent Non-Pre-priced Task which will no longer require price justification.

b.5) The CES Eligible Agency's determination as to whether a task is a Pre-Priced Task, or a Non-Pre-priced Task shall be final, binding and conclusive as to the Contractor.

11. Contractor shall make the necessary arrangements for and obtain all filings and permits required for the Work, including the preparation of all drawings, sketches, calculations and other documents and information that may be required therefor. If the Contractor is required to pay an application fee for filing a project, a fee to obtain a building permit, or any other permit fee to the City, State or some other governmental or regulatory agency, then the amount of such fee paid by the Contractor for which a receipt is obtained shall be treated as a Reimbursable Task to be paid without mark-up. The cost of expediting services or equipment use fees are not reimbursable.

12. The Contractor shall provide incidental engineering and architectural services required for a Job Order including drawings and information required for filing.

13. The Contractor's Price Proposal shall be submitted by the date indicated at the Joint Scope meeting. All incomplete Price Proposals shall be rejected. The time allowed for preparation of the Contractor's Price Proposal will depend on the complexity and urgency of the project but should average between seven and fourteen days. On complex projects that may require incidental engineering/architectural drawings and approvals and permits, allowance will be made to provide adequate time for preparation and submittal of the necessary documents.

14. Under no circumstances, regardless of an emergency to include minor maintenance and repair projects requiring immediate completion, shall the Contractor proceed with the work without a Purchase Order from CES.

15. By submitting a Price Proposal to the CES Eligible Agency, the Contractor agrees to accomplish the Detailed Scope of Work in accordance with the Request for Proposal at the price submitted. It is the Contractor's responsibility to include the necessary tasks and quantities in the Price Proposal and apply the appropriate PH&P prior to delivering it to the CES Eligible Agency.
16. If the Contractor requires clarifications or additional information regarding the scope of work to prepare the Price Proposal, the request must be submitted timely so that the work is not delayed.
17. Review of the Proposal and Issuance of CES Purchase Order.
 - a. The CES Eligible Agencies representative will evaluate the Contractor's Price Proposal, and proposed tasks, and compare these with the cost estimate of the detailed scope of work to determine the reasonableness of approach, including the nature and quantity of tasks proposed.
 - b. The Contractor may choose the means and methods of construction; subject however, to CES Eligible Agency's right to reject any means and methods proposed by the Contractor that:
 - b.1) Will constitute or create a hazard to the work, or to persons or property; or
 - b.2) Will not produce finished Work in accordance with the terms of the Contract; or
 - b.3) Unnecessarily increases the price of the project when alternative means and methods are available.
18. The CES Eligible Agency reserves the right to reject a Price Proposal or cancel a Project for any reasonable reason and with written notification. CES Eligible Agency also reserves the right not to issue a Purchase Order to CES if it is determined to be in the best interests of CES Eligible Agency. CES Eligible Agency may perform such Work by other means. The Contractor shall not recover any costs arising out of or related to the development of the Price Proposal including but not limited to the costs to attend the Joint Scope Meeting, review the Detailed Scope of Work, prepare a Price Proposal (including incidental architectural and engineering services), subcontractor costs, and the costs to review the Price Proposal with CES Eligible Agency.
19. By submitting a Price Proposal to the CES Eligible Agency, the Contractor agrees to accomplish the Detailed Scope of Work at the lump sum price submitted. It is the Contractor's responsibility to include the necessary breakdown of quantities, time, materials, etc., in the Price Proposal and to delivering the final project to the CES Eligible Agency.
20. Each Project shall reference the Detailed Scope of Work and set forth the Contractor CES Contract pricing and stated completion time for the project. All clauses of this Contract shall be applicable to each Project. CES Purchase Order delivered to the Contractor constitutes CES Eligible Agency's acceptance of the Contractor's Price Proposal.
21. CES will review all information submitted and, if CES finds the Price Proposal in compliance with the terms, conditions, specifications, and Contractor Pricing, CES will issue the Contractor a CES purchase order, which is considered Contractor's notice to proceed. The Price Proposal shall include all documents relating to the identified project. The CES purchase order, signed by and delivered to the Contractor, constitutes CES and its Agency's acceptance of the Contractor's proposal. A signed copy will be provided

to the Contractor. Upon receipt of the CES Purchase Order, the Contractor shall provide the CES Eligible Agency and CES, a Certificate of Insurance naming the CES Eligible Agency as co-insured, and if applicable 100% Performance and 100% Payment Bonds for the project. Upon receipt of these documents, the Contractor may proceed with the work.

22. The Contractor will prepare and submit with each proposal a bar chart or CPM schedule setting forth the manner and sequence of the work. The Contractor shall schedule the work in accordance with the time duration set forth in the Price Proposal.

23. Changes in the work shall be dealt with by a Supplemental Price Proposal and amendments to the CES Eligible Agency and CES Purchase Orders, respectively. Additional Time will be negotiated as appropriate for the scope of work.

24. Bid Price Adjustments

- a. When a major item is increased to more than 125% or decreased below 75% of the original quantity stated in the original Job Order, the Price Proposal shall be modified by written Supplemental Job Order. Payment for major items shall be calculated by the terms of the Supplemental Job Order.
- b. Material price spike adjustment: For the purpose of this clause, a “major spike” is defined as a spike in a specific material cost of more than 25% above what the cost of that material was on the date the Construction Task Catalog® was issued. In the event a major spike occurs in a specific material cost, the Contractor may submit a request for a price modification to a Unit Price or individual Job Order. In order to initiate such a request, the Contractor shall,
 - 1) Identify the specific material that has experienced a major spike,
 - 2) Identify Pre-priced Task(s) or Job Orders that require the material experiencing a major spike, and
 - 3) Demonstrate that the spike exists by submitting a minimum of three quotes on material supplier letterhead to show that the current price meets the “major spike” definition above.

25. Notice to Proceed: The Contractor will not begin work on a Project under any circumstances until CES’ purchase order is issued and all documents relating to that job order are signed by CES, its Eligible Agency and the Contractor and Notice to Proceed has been issued to the Contractor.

26. Provide Fixed Hourly Rates to be used in your Price Proposal as follows:

1) Normal Working Hours (Defined as 7:00 a.m. to 5:00 p.m. Monday-Friday) (Outside Tribal Lands).

- (a) One for work in normal hours when the total project cost (job order) more than \$60,000, requiring state wage rates.
- (b) One for work in normal hours when the total project cost (job order) is less than \$60,000 and does not require state wage rates.

2) Other Than Normal Working Hours (Defined as all hours not defined as normal hours above) (Outside Tribal Lands).

- (a) One for work in other than normal working hours when the total project cost (job order) more than \$60,000, requiring state wage rates.
- (b) One for work in other than normal working hours when the total project cost (job order) is less than \$60,000 and does not require state wage rates.

3) Project Funded by Federal Funds or on Tribal Lands Performed During Normal Working Hours (Defined as 7:00 a.m. to 5:00 p.m. Monday-Friday)

- (a) One for work in normal working hours when the total project cost (job order) is more than \$2,000, requiring federal wage rates.

Non-Pre-Priced Tasks

- a. One for tasks that may not be found within the Construction Task Catalogue (CTC)

27. Calculate Overhead and Profit to include the following:

- a. All general cost (General Conditions) such as home office overhead; all types of insurance, fringe benefits, payroll taxes, worker's compensation etc.; site visits; project meetings and owner support services; project development; project office staff, supplies, equipment and paperwork; inspection and testing fees; training; supervision; JOC System License Fee; project mobilization and close-out and other related costs.

- b. Plan Checking and Permit Fees: Include as part of the response any plan checking fee as charged by any municipality, county or state government (or any other applicable entity or agency with jurisdiction over the project) for checking contract documents prior to obtaining a building permit. Include in your response all costs incurred for permits relating to this requirement.

Note: Offerors and Subcontractors whose home location is in one region and the project is in another must build into their adjustment factor the above costs associated for doing projects in other regions. No general conditions relating to the above items will be allowed in a project's proposal unless it is submitted and approved in advance by the CES Eligible Agency CES.

D. QUOTES AND PROPOSALS

All proposals submitted to a CES Eligible Agency under this RFP will be based on the pricing methodology described and stipulated within each Category and Lot of this RFP specific to the Contractor's response and awarded contract.

- 1. Contractor will adhere to the CES Business Office process to provide the required construction paperwork before CES will issue the first Payment to Contractor to include the following:

Project that exceeds \$25,000 → 100% Performance and Payment bond

Project that exceeds \$60,000 → State Wage Decision

Note: Federal Wage Decision (Davis Bacon) required for projects starting at \$2000 when federal funds are being used. Please ask the CES Eligible Agency before preparing your quote if there are any federal dollars being used on the project.

- Subcontractor Listing Form → ½ of 1% of Project or \$5,000, whichever is greater
- Subcontractor Bond to GC for the Work that exceeds \$125,000 → Provide CES with a copy of Subcontractor Bonds

Notification of Award – Must provide estimated start/end dates of project if not using a formal industry standard agreement between the Owner and Contractor, such as AIA, PSFA, or CES Three-Party Agreement.

- Statement of Intent to Pay Prevailing Wages (SOI*)
- Affidavit of Wages Paid (AWP) Needed at time of FINAL Payment*
- Architect Stamp – for any Roofing Project

*SOI and AWP are needed from the General Contractor and all Subcontractors. Every Subcontractor must be registered with NM Workforce Solutions at the time they are awarded the project, or they are NOT ELIGIBLE to be used on the project.

E. PURCHASES BY CES ELIGIBLE AGENCIES

- CES Eligible Agencies may purchase construction services from the Contractor utilizing this Contract. **If the Contract is utilized by CES Eligible Agencies, the Contractor agrees to pay direct to Gordian a 6.00% JOC System License Fee (License Fee) and pay CES the CES 1.25% Administration Fee. The Gordian License Fee payment is due payable within five (5) days from the date the Contractor receives payment due from CES Eligible Agency.** License Fees not paid by Contractor to Gordian by the specified deadline shall bear an interest rate of 1½% per month until paid. **The Contractor shall include the License Fee and the CES 1.25% Administration Fee in its Adjustment Factors.** Gordian and the Contractor shall mutually utilize Gordian ezIQC® to track utilization, fees, and payments. The Contractor shall have no claim or right to any portion of the License Fees. Failure to pay License Fees in a timely manner shall be considered a material breach of this Contract and, at CES's sole discretion, may be deemed grounds for termination of this Contract.
- CES and Gordian authorize the Contractor the use of CES' and Gordian's names, logos, trademarks, and CES' and Gordian provided materials solely for the presentation and promotion of the availability and use of this Contract by CES Eligible Agencies. The Contractor authorizes CES and Gordian the use of the Contractor's name, logos, trademarks, and Contractor provided materials in the presentation and promotion of the availability and use of this Contract by CES Eligible Agencies.
- CES and Gordian shall not be liable or responsible for any obligation, including, but not limited to, payments due under a Job Order, Purchase Order or similar purchasing document issued to the Contractor by the Entity ("Purchase Order")
- Remittance of License Fees: The Contractor shall remit License Fees as follows:

Payments Made Payable to: The Gordian Group, Inc.
Mail Checks to: The Gordian Group, Inc.
PO Box 79341
Baltimore, MD 21279-0341

e. The Contractor shall, within two (2) business days of receipt of a Purchase Order from an Entity, provide notification to CES and Gordian of each Purchase Order by forwarding a copy of the Purchase Order via email to Jenny Ramirez, Gordian Area Manager at j.ramirez@gordian.com.

f. The Contractor shall, within two (2) business days of sending an invoice to an Entity, provide notification to CES and Gordian of each invoice by forwarding a copy of the invoice via email to Invoice@ezIQC.com or via facsimile to (864) 233-9100

g. CES and Gordian may request records from the Contractor for all cooperative purchasing through this Contract and payment of all License Fees. The Contractor hereby agrees and authorizes CES Eligible Agencies to provide a copy of each Purchase Order issued to Gordian. If discrepancies exist between cooperative purchasing activity and License Fees paid, CES or Gordian will provide written notification to the Contractor of discrepancies and allow the Contractor ten (10) days from the date of notification to resolve the discrepancy. In the event the Contractor does not resolve the discrepancy to the satisfaction of CES and/or Gordian, CES and/or Gordian reserve the right to engage a third party to conduct an independent audit of the Contractor's records and, in the event, Contractor is not in compliance with this Contract, Contractor shall reimburse the appropriate party for the cost and expense related to such audit.

Note: The Adjustment Factors for Other than Normal Working Hours must be equal to or greater than the respective Adjustment Factors for Normal Working Hours.

PART IV JOC Core™ CATEGORICAL SCOPE OF WORK

Upon request by a CES Eligible Agency and at no cost to CES or the CES Eligible Agency, the Contractor will arrange a meeting with the Agency to review the scope of construction products and services to be provided, project's location, conditions and timelines, the CES Agency's requirements and expectations to gather the information required to prepare the necessary paperwork and cost proposal to enable the Agency to make a decision whether or not to proceed with the proposed project.

- A. As part of the joint scope of work meeting, the Contractor will perform a preliminary investigation to develop the project's detailed scope of work. The Contractor shall determine if the project is being funded in part or in whole by the CES Agency, the Federal Government or NMPSFA. The Contractor shall communicate with all parties that have been identified as co- owner's representatives.
- B. Based on the information obtained from the owner's designated representative(s), and the Contractor's evaluation and review of the project's documentation and detailed scope of work, the Contractor will prepare a detailed cost proposal covering the services, materials, equipment, and other related items needed to initiate and complete the proposed project's detailed scope of work. This will include, but is not limited to, the estimated timelines, terms, conditions and specifications of performance, warranties, etc., with their associated costs.
- C. The Contractor will clearly identify each individual product and service and its cost in accordance with the JOC Core (RSMean) Construction Procurement Catalog or other pricing methodology as allowed under this Lot. A detailed price and cost submittal with all options that need to be considered will be submitted to the CES Eligible Agency in the format required by this RFP.

- D. The Contractor will clearly identify which of the proposed products and services will be provided by its employees and which items it intends to subcontract. The Contractor will provide a list of all subcontractors with their contact information, NMCID license information, type of products and services provided and dollar value of work to be performed. If applicable, include the subcontractors NMDWS registration number.
- E. The CES Eligible Agency reserves the right to accept or reject any project proposal submitted by Contractor.
- F. The Contractor may be asked by the CES Eligible Agency to work with them to modify the proposal to meet their needs or available resources. Any changes should be clearly identified in writing so the CES Eligible Agency clearly understands the impact such changes may have on the project outcome or overall quality of the project.
- G. On the acceptance of the project proposal, the Contractor and the CES Eligible Agency will need to create and file all required documents with CES, with all appropriate state and local governing authorities, and acquire permits and authorization. If required, the Contractor will complete and sign a CES or CES/NMPSFA third-party agreement between the buyer, Contractor, and owner. If an additional contract is completed between the Contractor and CES Eligible Agency, the Contractor will submit a copy of the signed contract along with its project and cost proposal to CES. CES will verify the pricing to be in accordance with the RFP pricing and will issue a CES purchase order to the Contractor.
- H. The Contractor must provide the owner a complete scope of work which includes a description of the work to be performed by the Contractor, the subcontractor, and the owner prior to the issuance of a purchase order.
- I. In any contract between the Contractor and an owner based on this RFP, the terms and conditions of the RFP will prevail.
- J. The Contractor, upon receipt of the CES purchase order, will provide CES with a copy of any applicable performance and payment bonds for the Contractor and any subcontractors, finalized project timelines, schedules of values, the NMDWS paperwork and additional required documents.
- K. Any Supplemental Job Orders or modifications to the project will occur only with written approval of CES, the CES Eligible Agency and the Contractor. The Contractor, upon receipt of the CES purchase order, will provide CES with a copy of any applicable performance and payment bonds for the Contractor and any subcontractors, finalized project timelines, schedules of values, the NMDWS paperwork and additional required documents.
- L. Any Supplemental Job Orders or modifications to the project will occur only with written approval of CES, the CES Eligible Agency and the Contractor.

M. RSMeans JOC Core™ INDIVIDUAL JOB ORDER PROJECT – PRICE PROPOSAL PREPARATION

When preparing a project proposal for this Lot, the Contractor shall utilize the following pricing methodologies to prepare their cost proposal for individual job order projects.

1. RSMeans Construction Procurement Catalog Pricing Methodology

- a. The Offeror responding to this Lot will required to purchase a license for the JOC Core application and will be required to use the current version of the RSMeans Construction Procurement Catalog to prepare a cost proposal covered by this Lot.
- a. The RSMeans Construction Procurement Catalog pricing method is to be the primary method for pricing projects covered by this Lot.
- b. When utilizing the RSMeans Construction Procurement Catalog pricing methodology, there are options that can be established that will govern how individual construction cost items within the RSMeans JOC Core application can affect and modify the individual item's costs as a global setting and will determine the actual item's cost that appears on the project's price proposal. All such options must be disclosed and noted within the Offeror's cost submittal response.
- c. The individual item's cost shown in the RSMeans JOC Core application and the RSMeans Construction Procurement catalog indicates the materials, equipment, labor, overhead and profit that will be charged the Owner for the construction item.
- d. RSMeans JOC Core cost proposals are to be the primary method utilized for projects covered by this Lot.
- e. All products and services required to complete the project's detailed scope of work provided must be listed.
- f. The Contractor must, for each individual cost item shown on their cost proposal, identify any of the RSMeans JOC Core special factors that are applicable.
- g. A current edition of the RSMeans Construction Procurement Catalog shall be utilized for the response to the RFP. A new edition is published at the start of each CES contract, and every quarter throughout the calendar year with adjustments and updates to reflect current material costs, equipment costs, labor rates, market conditions, etc., and are included in the new addition and will limit the need for item prices to be adjusted. If a price increase occurs during the year that significantly affects the industry, the Contractor may request CES' approval for an adjustment.
- h. The quantity or unity of measure, of a product or service must accurately represent the required need.
- i. A subtotal of all the items selected will be presented and the Contractor's multiplier/factor awarded for the region will be applied to arrive at the JOC Core project cost.
- j. Contractor's RSMeans JOC Core factor, as part of the Offeror's response to this Lot, it will propose a factor that will be applied to the RSMeans Construction Procurement Catalog construction cost proposal to reflect the additional Contractor's costs to prepare for, mobilize, take possession of, secure and take control of the construction site, and to manage, supervise and complete all activities required by the project and the CES one and one quarter percent (1.25%) administrative fee.
- k. **The Offeror's factor must include all general condition items and the CES one and one quarter percent (1.25%) administrative fee.**
- l. Since all mobilizations, transportation and travel costs for both the contractor and its subcontractor's personnel are to be included in the Offeror's factor, if the Offeror intends to service CES procurement

regions other than the region in which Offeror is located and intends to utilize subcontractor's that are not located in the CES procurement region where the project is located, the Offeror must take into consideration all of these variables and appropriately allow for them in its factor for each region it intends to serve.

- m. The Offeror will propose a factor for each of the CES procurement regions it intends to serve. This factor will be expressed as a whole number plus three (3) decimals places. For example, if the Offeror proposes (0.925) and the project's construction quote/cost proposal subtotal is ten thousand (\$10,000) dollars, then the calculation would be (\$10,000 multiplied by 0.925 equals \$9,250) total construction costs. If the Offeror proposes (1.125) and the project's construction quote/cost proposal subtotal is ten thousand (\$10,000) dollars, then the calculation would be \$10,000 multiplied by 1.125 would equal \$11,250 for total construction costs.
- n. The Offeror will propose the following factors for each CES procurement region it intends to service. The Offeror may propose factors that are the same for all regions or may vary between regions.

2. Provide Fixed Hourly Rates to be used in your Price Proposal as follows:

a. Normal Working Hours (Defined as 7:00 a.m. to 5:00 p.m. Monday-Friday) (Outside Tribal Lands).

- (a) One for work in normal hours when the total project cost (job order) in excess of \$60,000, requiring state wage rates.
- (b) One for work in normal hours when the total project cost (job order) is less than \$60,000 and does not require state wage rates.

b. Other Than Normal Working Hours (Defined as all hours not defined as normal hours above) (Outside Tribal Lands).

- (a) One for work in other than normal working hours when the total project cost (job order) in excess of \$60,000, requiring state wage rates.
- (b) One for work in other than normal working hours when the total project cost (job order) is less than \$60,000 and does not require state wage rates.

c. Project Funded by Federal Funds or on Tribal Lands Performed During Normal Working Hours (Defined as 7:00 a.m. to 5:00 p.m. Monday-Friday)

- (a) One for work in normal working hours when the total project cost (job order) is in excess of \$2,000, requiring federal wage rates.
- (b) One for work in normal working hours when the total project cost (job order) is less than \$2,000 and does not require federal wage rates.

d. Project Funded by Federal Funds or on Tribal Lands Performed Outside Normal Working Hours (Defined as all hours not defined as normal hours above)

- (a) One for work in other than normal working hours when the total project cost (job order) is in excess of \$2,000, requiring federal wage rates.
- (b) One for work in other than normal working hours when the total project cost (job order) is

less than \$2,000 and does not require federal wage rates.

Note: Factors c) and d) are utilized for projects funded by federal funds and require Davis Bacon Wage Rates or for projects located on tribal lands.

c) Cost of permits, performance and payment bond costs, tribal taxes and New Mexico Gross Receipt Taxes are shown as separate line items on the cost proposal.

d) All adjustment factors are expressed as an increase or decrease from the published prices.

e) When offering an adjustment factor, the Offeror must include in its factor:

i. All general cost (General Conditions) such as home office overhead; all types of insurance, fringe benefits, payroll taxes, worker's compensation etc.; site visits; project meetings and owner support services; project development; project office staff, supplies, equipment and paperwork; inspection and testing fees; training; supervision; JOC System License Fee; project mobilization and close-out and other related costs.

ii. Plan Checking and Permit Fees: Include as part of the response any plan checking fee as charged by any municipality, county, or state government (or any other applicable entity or agency with jurisdiction over the project) for checking contract documents prior to obtaining a building permit. Include in your response all costs incurred for permits relating to this requirement.

iii. The Contractor cost for Payment and Performance Bonds shall be listed as a line item in each proposal in excess of \$25,000.

Note: Offerors and Subcontractors whose home location is in one region and the project is in another must build into their adjustment factor the above costs associated for doing projects in other regions. No general conditions relating to the above items will be allowed in a project's proposal unless it is submitted and approved in advance by the CES Eligible Agency CES.

e. Performance and Payment Bond Costs

This represents the cost the vendor incurs to provide a performance and payment bond to the Member for an individual project when it is required. The Offeror is to indicate the percentage rate charged on the total cost of an individual project to obtain a bond, and the documentation to substantiate the rate, that is, two percent (2%).

f. Alternative Methods of Costing O/P

Used for those items that cannot be priced using the RSMeans JOC Core pricing method, including sole source items. Offeror is to indicate the percent of overhead, or markup, to be added to these costs to obtain the standard cost on which the CES discount can be taken to achieve the CES price.

g. CES Discount off Alternative Costing

To obtain CES prices for those items that cannot be priced using the JOC Core pricing method. This

represents the Offeror's discount % that is taken off the standard cost to obtain the CES price.

Example: item cost \$1,000, percent of profit and overhead of 20% equals standard price of \$1,200, less the CES discount of 10% or \$120 equals the CES price of 1,080.

h. Discounts Provided on Price Lists and Catalogs

This represents the average discount provided by the Offeror on stated prices.

i. Offeror's Support for CES Pricing

Same % Discount as Offeror has stated on the Mandatory Form in the RFP documents.

N. Lot 2 JOC Core™ PROJECT PROPOSAL PREPARATION REQUIREMENTS

1. When preparing a project proposal for this Lot, the Contractor shall utilize the following pricing methodologies to prepare their cost proposal for individual job order projects.

2. RSMeans Construction Procurement Catalog Pricing Methodology

a. The Offeror responding to this Lot will acquire the current version of the RSMeans Construction Procurement Catalog that is required in to prepare a cost proposal covered by this Lot.

b. The RSMeans Construction Procurement Catalog pricing method is to be the primary method for pricing projects covered by this Lot.

c. When utilizing the JOC Core pricing methodology, there are options that can be established that will govern how individual construction cost items within the RSMeans JOC Core application can affect and modify the individual item's costs as a global setting and will determine the actual item's cost that appears on the project's price proposal. All such options must be disclosed and noted within the Offeror's cost submittal response.

d. The individual item's cost shown in the RSMeans JOC Core application cost-listing indicates the materials, equipment, labor, overhead and profit that will be charged the Owner for the construction item.

f. RSMeans JOC Core cost proposals are to be the primary method utilized for projects covered by this Lot.

g. All products and services required to complete the project's detailed scope of work provided must be listed.

h. The Contractor must, for each individual cost item shown on their cost proposal, identify any of the J RSMeans JOC Core special factors that are applicable.

i. A current edition of the RSMeans Construction Procurement Catalog shall be utilized for the response to the RFP.

A new edition is published at the start of each CES contract, with adjustments and updates to reflect current material costs, equipment costs, labor rates, market conditions, etc., and are included in the new addition and will limit the need for item prices to be adjusted. If a price

increase occurs during the year that significantly affects the industry, the Contractor may request CES' approval for an adjustment.

j. The quantity or unity of measure, of a product or service must accurately represent the required need.

k. A subtotal of all the items selected will be presented and the Contractor's multiplier/factor awarded for the region will be applied to arrive at the JOC Core project cost.

l. Contractor's RSMeans JOC Core factor, as part of the Offeror's response to this Lot, it will propose a factor that will be applied to the RSMeans Construction Procurement Catalog construction cost proposal to reflect the additional Contractor's costs to prepare for, mobilize, take possession of, secure and take control of the construction site, and to manage, supervise and complete all activities required by the project including the CES 1.25% Administrative Fee.

m. The Offeror's factor must include all general condition items and the CES one point two five percent (1.25%) administrative fee.

n. Since all mobilizations, transportation and travel costs for both the contractor and its subcontractor's personnel are to be included in the Offeror's factor, if the Offeror intends to service CES procurement regions other than the region in which Offeror is located and intends to utilize subcontractor's that are not located in the CES procurement region where the project is located, the Offeror must take into consideration all of these variables and appropriately allow for them in its factor for each region it intends to serve.

o. The Offeror will propose a factor for each of the CES procurement regions it intends to serve. This factor will be expressed as a whole number plus three (3) decimals places. For example, if the Offeror proposes (0.925) and the project's construction quote/cost proposal subtotal is ten thousand (\$10,000) dollars, then the calculation would be (\$10,000 multiplied by 0.925 equals \$9,250) total construction costs. If the Offeror proposes (1.125) and the project's construction quote/cost proposal subtotal is ten thousand (\$10,000) dollars, then the calculation would be \$10,000 multiplied by 1.125 would equal \$11,250 for total construction costs.

p. The Offeror will propose the following factors for each CES procurement region it intends to service. The Offeror may propose factors that are the same for all regions or may vary between regions.

1) Normal Working Hours (Defined as 7:00 a.m. to 5:00 p.m. Monday-Friday) (Outside Tribal Lands).

a) One for work in normal hours when the total project cost (job order) is in excess of \$60,000, requiring state wage rates.

b) One for work in normal hours when the total project cost (job order) is less than \$60,000 and does not require state wage rates.

2) Other Than Normal Working Hours (Defined as all hours not defined as normal hours above) (Outside Tribal Lands).

a) One for work in other than normal working hours when the total project cost (job order) is in

excess of \$60,000, requiring state wage rates.

b) One for work in other than normal working hours when the total project cost (job order) is less than \$60,000 and does not require state wage rates.

3) Project funded by Federal Funds or on Tribal Lands and performed during working hours (Defined as 7:00 a.m. to 5:00 p.m. Monday-Friday).

a) One for work performed during normal hours when the total project cost (job order) is in excess of \$2,000, requiring federal wage rates.

b) One for work performed during normal hours when the total project cost (job order) is less than \$2,000 and does not require federal wage rates.

4) Project funded by Federal Funds or on Tribal Lands and performed outside normal working hours (Defined as all hours not defined as normal hours above).

a) One for work performed outside of normal hours when the total project cost (job order) is in excess of \$2,000, requiring federal wage rates.

b) One for work performed outside of normal hours when the total project cost (job order) is less than \$2,000 and does not require federal wage rates.

Note: Factors c) and d) are utilized for projects funded by federal funds and require Davis Bacon Wage Rates or for projects located on tribal lands.

c) Cost of permits, performance and payment bond costs, tribal taxes and New Mexico Gross Receipt Taxes are shown as separate line items on the cost proposal.

3. Alternative Pricing Methodology

If there are RSMeans JOC Core cost products or services that cannot accurately describe the construction product or services required by the project's detail scope of work, the cost of these items will be calculated by utilizing these components of the alternative pricing methodology.

a. The Offeror will propose a percentage that includes the Offeror's overhead, markup, and profit to determine the normal and customary price.

b. The Offeror will also propose a percentage that reflects the amount of discount offered to CES and CES Eligible Agencies that will be used to determine the CES price.

c. Once a quote is approved by the CES Eligible Agency, the Contractor will apply their proposed percentage to establish the normal and customary retail price. For example, if the total cost of the quote is ten thousand (\$10,000) dollars and the Contractor's awarded percentage is eighteen percent (18%), the retail price would be determined by multiplying \$10,000 by 1.18, establishing \$11,800 as the alternative price. In developing this percentage, the Offeror must consider any non-construction general conditions and include them as part of its percentage.

e. The CES price is calculated by taking the alternative price of \$11,800 and multiplying it by the CES discount off the alternative price that was proposed and subtracting that amount from the

alternative price. For example, given the alternative price of \$11,800 and a five (5) percent discounts from the alternative price, the calculation would be $(\$11,800 \times .05) = \$590$; then $\$11,800 - \$590 = \$11,210$. The CES price of \$11,210 would be made a part of the project's cost proposal.

f. The Contractor must provide CES all the quotes (a minimum of at least three quotes per item) and documents associated with its final project cost proposal when the alternative pricing methodology is utilized.

g. Cost of permits, performance and payment bond costs, tribal taxes and New Mexico Gross Receipt Taxes are shown as separate line items on the cost proposal.

4. Published/Retail Price Lists: For products and services not covered by R.S. Means, the Offeror may prepare and submit a supplier's, a distributor's, or manufacturer's published price list as another pricing methodology. The line-item cost of these items will be determined and calculated by taking the published price list and applying a CES discount to obtain the price paid by the CES Eligible Agency.

CATEGORICAL DEFINITIONS

ADAAG: Americans with Disabilities Act Architectural Guidelines, <http://www.access-board.gov/adaag/html/adaag.htm>

ADA: Americans with Disabilities Act, <http://www.ada.gov>

Adjustment Factor: The competitively bid adjustment to be applied to the unit prices listed in the Construction Task Catalog® utilized by the Gordian pricing methodology.

A/E: Architectural and Engineering

Builders Work: Work done in conjunction with and subsidiary to work performed by mechanical, electrical, or other trades such as installations requiring cutting and patching of others work.

CCI: Construction Cost Index

CFR: Code of Federal Regulations, www.gpoaccess.gov/cfr/index.html

CID: Construction Industries Division

Construction Task Catalog®: A comprehensive listing of construction related tasks together with a specific unit of measure and a published Unit Price. (also, referred to as the “Unit Price Book” or “UPB”) utilized by the Gordian pricing methodology.

Consumables: Items used, worn, or consumed such as fuel and lubricants, and parts of tools such as saw blades.

Detailed Scope of Work: A written description setting forth the work the Contractor is obligated to complete for a Job Order/project.

Factory-Built Building: A residential or nonresidential building including a dwelling unit or habitable room thereof which is either wholly or in substantial part manufactured at an off-site location to be assembled on-site.

Federal Regulations and Codes – Title 29: Hazardous materials handling, removal, and disposal; respiratory protection and monitoring; employee exposure to hazardous materials; employee exposure and medical records; construction involving hazardous materials and hazardous communications.

Federal Regulations and Codes – Title 40: National emission standards for hazardous materials and asbestos abatement projects, worker protection, asbestos-containing materials in schools.

HVAC System: An EPA approved vacuum system. HVAC is the abbreviation for heating, ventilation, and air conditioning systems, used in building design and construction.

ISO: International Standards Organization, www.iso.ch

ISO 9000/9001: International Standards Organization Quality Standards

Job Order: A written order requiring the Contractor to complete the detailed scope of work in the job order completion time for the job order amount. The CES Member will be responsible for the development of the job order, as well as the supervision and acceptance of the work contained in the job order description. Each job order will include a detailed scope of work, a lump sum, firm fixed price proposal from the Contractor, with New Mexico Gross Receipts Tax (NMGR) shown as a separate line item, time duration for the completion of the work and any special conditions that might apply to that specific job order.

Job Order Amount: The value of the approved Job Order Price Proposal and the amount the Contractor will be paid for completing a Job Order.

Job Order Contract (JOC): A job order contract is an indefinite quantity contract in which the Contractor will perform an ongoing series of individual small to medium, multi-traded maintenance, repair and minor new construction projects at different locations throughout the identified CES regions.

Job Order Completion Time: The time within which the Contractor must complete the Detailed Scope of

Work.

Job Order Price Proposal: A price proposal prepared by the Contractor that includes the pre-priced tasks, non-pre-priced tasks, quantities and appropriate adjustment factors required to complete the detailed scope of work in accordance with the Gordian pricing methodology.

Job Order Proposal: A set of documents including at least: (a) Job Order Price Proposal; (b) required drawings or sketches; (c) list of anticipated Subcontractors; (d) Construction schedule; and (e) other requested documents.

Joint Scope Meeting: A site meeting to discuss the work before the detailed scope of work is finalized.

Modular/Pre-Engineered Building: A factory-built building where the different components are constructed at the manufacturer's facilities and then transported to the project site where they are assembled, erected, or constructed to make a complete building. Additional construction services may be needed to finish and install other components.

NEC: NFPA 70: National Electrical Code, <http://www.nfpa.org/aboutthecodes/AboutTheCodes.asp>

NFPA 54: Liquid Petroleum Gas Code for installation of piping and appliances for both residential and commercial applications.

NFPA 58: Liquid Petroleum Gas Code, for gas piping materials and components, gas piping installations, and inspection, testing, and purging of gas piping systems.

NMAC 14.7.2: 2009 New Mexico Commercial Building Code

NMPSFA: New Mexico Public School Facilities Authority, www.nmpsfa.org

Non-Pre-Priced Tasks: An item of work required by the detailed scope of work, but not included in the Construction Task Catalog®. Architectural and engineering services may be required periodically during the life of this contract. If architectural and engineering services are required, they will be priced as a non-pre-priced task. Any architectural and engineering fees will be negotiated with the Contractor. Such work requirements will be incorporated into and made a part of this contract for the job order to which they pertain, and can be incorporated into the Construction Task Catalog, if determined appropriate by CES, at the base price determined in this contract. Non-pre-priced tasks will be separately identified and submitted in the job order proposal; utilized by the Gordian pricing methodology.

Owner's Representative: A CES Member's employee or contracted consultant who has been designated by the Member to coordinate, supervise, manage, make decisions and act on the Member's behalf during a procurement transaction or construction project.

Portable/Relocatable Building: A factory-built building which is completely constructed at the manufacturer's facilities and then is transported to the designated project site. The only services performed on the project site relates to setting the building in place and connecting the utilities.

Pre-Priced Task: An item of work included in the Construction Task Catalog® for which a unit price is given; utilized by the Gordian pricing methodology.

Project: The collective improvements to be constructed by the Contractor pursuant to a Job Order, or a series of related Job Orders.

Subassembly: A prefabricated wall, floor, ceiling, roof, or similar combination of components.

Supplemental Job Order: A secondary Job Order developed after the initial Job Order has been issued for the purpose of changing, deleting, or adding work to the initial Detailed Scope of Work, or change the Job Order Completion Time.

Third Party Contractor: A Contractor selected and named by the Owner in specifications or in a designer's instructions to the Contractor who is not a party to the contract in question, but who also has a construction contract with the same Owner for providing the specialized, individual building component or system the Owner has chosen to incorporate into the project, therefore, creating a need

for coordination and cooperation among the Owner's engaged contractors on the same project, provided neither Contractor raises no reasonable objections.

Unit Price: The price published in the Gordian Construction Task Catalog® / RSMeans Construction Procurement Catalog for a specific construction or construction-related task. Each unit price is comprised of the labor, equipment, and material costs to accomplish that specific task. Unit price is also the price for a single unit of measure, such as the price for a product in a catalog or on a retail price list.

For purposes of CES` 2023 JOC RFPs, these are the links provided by Gordian / RSMeans to access, for a limited time and at no charge, the pricing books (Construction Task Catalogs or CTCs) to help Offerors derive to their Adjustment Factor (coefficient or multiplier).

ATTACHMENT B
TO
ACCEPTANCE OF PROPOSAL AND OFFER
AND CONTRACT AWARD

PRICING

All pricing including updates/changes must be uploaded through the vendor portal in the eProcurement System for review and approval by CES.

A Price List/Pricing: The Offeror will upload through the vendor portal electronic copies of or provide electronic access to the approved current price list(s) for products and services offered under this solicitation (RFP) upon execution of this contract. The Offeror must keep current all pricing for any contract issued as a result of this solicitation. Should the Offeror fail to update pricing with CES, the Offeror shall honor their pricing on file with CES at the time of their quote submittal to the CES Member/Participating Entity. Discounts off the current price list are permitted and must remain firm throughout the life of the contract. Discount off list price must be clearly noted in the price quote to the member. All pricing must include the CES administration fee.

B New Technology and Products: New products or related services announced by manufacturer and/or Contractor may be added to this existing contract. Pricing shall be equivalent to the percentage discount of other product(s); is substantially superior to the original product(s) offered; is discounted in a similar or to a greater degree; and if the product(s) meet the requirements of the original RFP. No products may be added to avoid competitive procurement procedures. CES is responsible for approving any product, service or technology for this contract. CES can reject any approved additions, any new product, service or technology for this contract, without cause.

C Price Quote/Proposal: When preparing a quote/proposal under a CES awarded contract, the Offeror must clearly identify and break out quantities, descriptions, supplies, materials, equipment and services into individual line items as they appear on the Offeror's awarded price schedule or pricing methodology. At a minimum all quotes or proposals shall include the following: description, "hourly labor rate or the list/catalog unit price", "the per cent discount offered" and the final "CES price". All stated prices must include the CES one point two five percent (1.25%) administrative fee. Shipping/Freight costs and the New Mexico Gross Receipts Tax as applicable must be stated in separate lines.

D Price Reduction, Promotional and Special Pricing: A price reduction can be offered at any time and will become effective upon approval by CES. CES reserves the right to approve or disapprove such requests.

E Price Increases: Anytime during the life of the contract, pricing can be updated (increased/decreased) with proper justification letter from the manufacturer or distributor thereof and will become effective upon approval by CES. CES reserves the right to approve or disapprove

such requests.

F Price Surcharges: Depending on current market conditions, surcharges may apply as approved by CES.

COST PROPOSAL

Category 1 - General
Construction - Lot 2 RS Means
(JOC Core)

Job Order Contracting (JOC) -
General Construction
2023-05

Anissa Construction, inc.

[illegible]

[illegible]

ATTACHMENT 4
Laulea Engineering Plans and Specifications

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SANTA FE SOLID WASTE MANAGEMENT AGENCY BUCKMAN ROAD RECYCLING AND TRANSFER STATION

CUSTOMER UNLOADING AREA IMPROVEMENTS

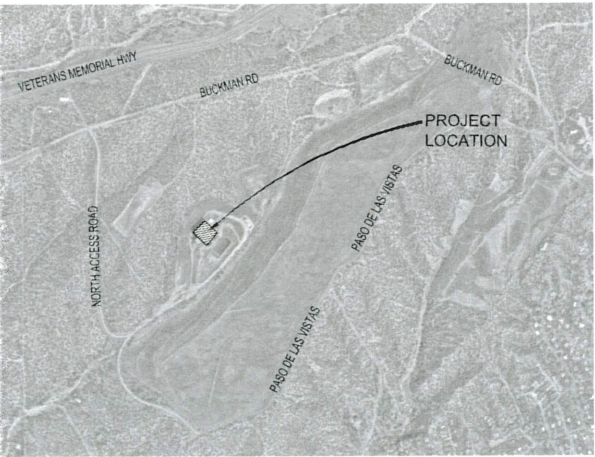
SFSWMA

EXECUTIVE DIRECTOR

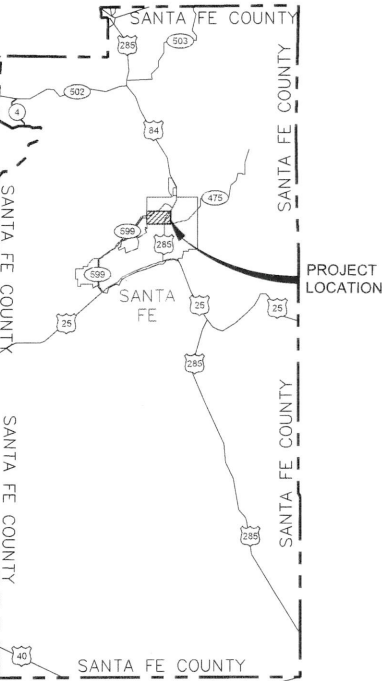
RANDALL KIPPENBROCK, P.E.

JOINT POWERS BOARD MEMBERS

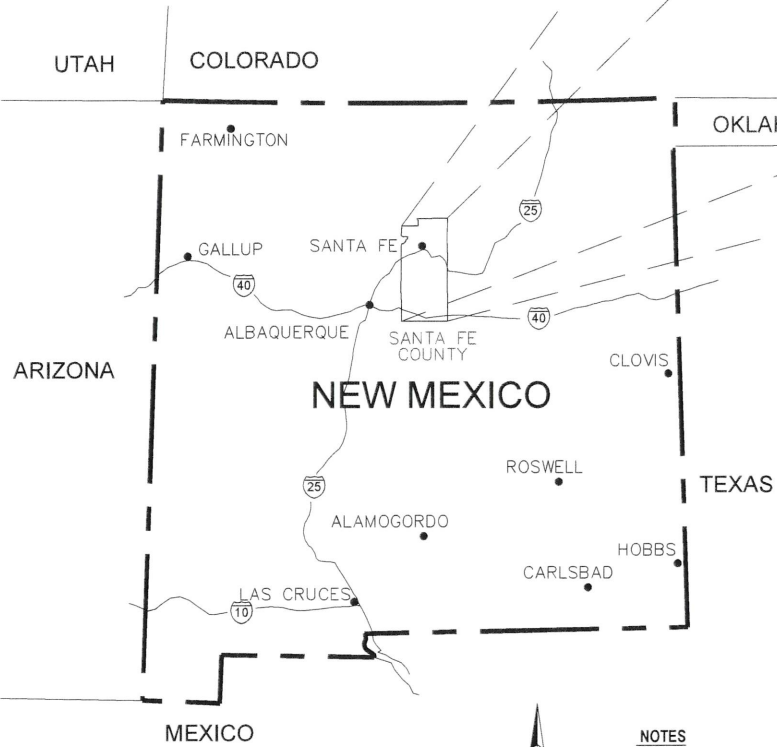
COUNCILOR LEE GARCIA - CHAIR
COUNCILOR ADAM JOHNSON - VICE CHAIR
COUNCILOR MICHAEL GARCIA
COUNCILOR AMANDA CHAVEZ
COMMISSIONER CAMILLA BUSTAMANTE
COMMISSIONER LISA CACARI STONE
COMMISSIONER HANK HUGHES (ALTERNATE)
COMMISSIONER JUSTIN GREENE (ALTERNATE)



LOCATION MAP
NTS



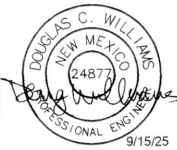
FACILITY ADDRESS:
2600 BUCKMAN RD,
SANTA FE, NEW MEXICO
87507



VICINITY MAP
NTS

NOTES

MAP SHOWS CITIES WITH POPULATIONS GREATER THAN 20,000.



DATE	DESCRIPTION	APPROVED			
		ISSUED FOR CONSTRUCTION	REV NO. 1 FOR CONSTRUCTION	ED	DW
7/1/25					
9/15/25					
DRW		ED	DRW	ED	DW

SANTA FE SOLID WASTE MANAGEMENT AGENCY
BUCKMAN ROAD RECYCLING AND TRANSFER STATION
2600 BUCKMAN RD. SANTA FE, NEW MEXICO 87507
BURRT CUSTOMER UNLOADING
AREA IMPROVEMENTS

TITLE SHEET

LAULEA
ENGINEERING, LLC
1127 11TH AVE SUITE 302
HONOLULU, HAWAII 96816

BAR IS ONE INCH ON ORIGINAL DRAWING, VERIFY SCALE					
0"				1"	
DATE	07/01/2025				
PROJ	25008				
DWG	G-001				
SHEET	1 OF 4				

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DRAWING INDEX	
G-001	TITLE SHEET
G-101	GENERAL NOTES
C-101	FACILITY PLAN
CD-101	DETAIL SHEET

GENERAL NOTES

- GENERAL NOTES AND ABBREVIATIONS APPLY TO ALL SHEETS, EXCEPT WHERE MORE SPECIFIC REQUIREMENTS ARE PROVIDED. SEE INDIVIDUAL DRAWINGS FOR ADDITIONAL ABBREVIATIONS, SYMBOLS, LEGENDS, NOTES, DETAILS AND OTHER REQUIREMENTS. IN ALL CASES THE INFORMATION SHOWN ON INDIVIDUAL DRAWINGS SHALL GOVERN OVER ANY GENERAL INFORMATION. NOT ALL SPECIFIED ITEMS AND/OR STANDARD DETAILS SHOWN MAY BE APPLICABLE TO THIS PROJECT.
- UNLESS NOTED OTHERWISE, ALL WORK SHOWN IN THESE DOCUMENTS IS NEW AND TO BE PERFORMED UNDER THIS CONTRACT. ON SHEETS WHERE IT IS INDICATED THAT EXISTING IS TO BE MODIFIED AND/OR ADDED TO, WORK UNDER THIS CONTRACT IS NORMALLY SHOWN IN HEAVY LINES.
- WRITTEN DISTANCES AND ELEVATIONS SHALL GOVERN OVER SCALED DISTANCES AND ELEVATIONS. PIPE LENGTHS SHOWN IN PROFILE OR PLAN ARE APPROXIMATE AND MAY VARY UP TO 5 PERCENT OF INDICATED LENGTH.
- THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE CONSULTING ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE CONTRACTORS PERFORMANCE OF WORK ON THIS PROJECT.
- FINAL LOCATIONS OF ALL FACILITIES SHALL BE RECORDED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS.
- CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE FROM DAMAGE. ALL IMPROVEMENTS WHICH ARE DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE EXPEDITIOUSLY REPAIRED OR RECONSTRUCTED TO THE ENGINEER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE WITHOUT ADDITIONAL COMPENSATION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL PERMITS NECESSARY FOR THIS PROJECT PRIOR TO COMMENCING CONSTRUCTION.
- THE TERM "ACCEPTABLE TO ENGINEER" SHALL MEAN WRITTEN ACCEPTANCE BY ENGINEER AND IS TO BE RECEIVED BY THE CONTRACTOR BEFORE WORK IS STARTED.
- ANY DEVIATIONS FROM CONTRACT DOCUMENTS, INCLUDING DRAWINGS AND/OR SPECIFICATIONS, MUST BE ACCEPTED BY THE ENGINEER, IN WRITING, PRIOR TO THE WORK BEING DONE. ANY DEVIATIONS PERFORMED WITHOUT THE ENGINEER'S ACCEPTANCE WILL NOT BE PAID FOR, AND MAY BE REQUIRED TO BE REDONE AT THE CONTRACTOR'S EXPENSE.
- EXCEPT AS MODIFIED BY THE CONTRACT DOCUMENTS, ALL WORK SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS (DRAWINGS, SPECIFICATIONS, ADDENDA, CHANGE ORDERS, APPROVED SUBMITTALS, ETC.) THE CONTRACTOR SHALL HAVE THE LATEST UPDATED VERSION OF THE ABOVE NAMED DOCUMENTS AT THE WORK SITE AT ALL TIMES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE BY CONTRACTOR PERSONNEL WITH APPLICABLE CURRENT STATE REGULATIONS AND FEDERAL OSHA STANDARDS.
- THE ENGINEER IS NOT RESPONSIBLE FOR THE CONSTRUCTION METHODS OR TECHNIQUES, OR FOR THE EXECUTION OF THE WORK AS SHOWN ON THESE PLANS. THE OWNER AND ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS, OR OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THE CONTRACTORS OR SUBCONTRACTORS TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- ALL SHEETS USE THE FOLLOWING DETAIL AND SECTION CALLOUT CONVENTION UNLESS OTHERWISE NOTED:

*IF SECTION OR DETAIL IS DRAWN ON THE SAME SHEET WHERE IT IS CALLED OUT, THE SHEET NUMBER IS REPLACED WITH A HYPHEN.
- DIMENSIONS AND LOCATION OF EXISTING PIPING, CONDUIT, EQUIPMENT IS APPROXIMATE. VERIFY EXISTING LAYOUT AND DIMENSIONS NECESSARY TO COMPLETE THE REQUIRED WORK.
- STANDARD DETAILS SHALL BE USED AT ALL APPLICABLE LOCATIONS, UNLESS OTHERWISE NOTED ON DRAWINGS.
- FIELD VERIFY ALL EXISTING DIMENSIONS PRIOR TO CONSTRUCTION.
- WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED SIZES.
- VISITS TO THE JOB SITE BY THE ENGINEER TO OBSERVE THE CONSTRUCTION DO NOT IN ANY WAY MEAN THAT ENGINEER IS GUARANTOR OF CONTRACTOR'S WORK, NOR RESPONSIBLE FOR THE COMPREHENSIVE OR SPECIAL INSPECTIONS, COORDINATION, SUPERVISION, OR SAFETY AT THE JOB SITE.
- INFORMATION (DETAILING, DIMENSIONS, CONFIGURATIONS, AND ELEVATIONS, ETC.) OF EXISTING CONSTRUCTION SHOWN REFLECTS AVAILABLE EXISTING DESIGN DOCUMENTS, AND DOES NOT NECESSARILY REPRESENT THE AS-CONSTRUCTED CONDITIONS. THE CONTRACTOR SHALL FIELD VERIFY DIMENSIONS, ELEVATIONS AND DETAILING OF THE EXISTING STRUCTURES PRIOR TO UNDERTAKING ANY WORK THAT IS AFFECTED BY THE EXISTING STRUCTURE. NOTIFY ENGINEER IF CONDITIONS VARY FROM THAT SHOWN PRIOR TO STARTING WORK.
- ITEMS TO BE EMBEDDED IN CONCRETE SHALL BE CLEAN AND FREE OF OIL, DIRT, AND PAINT.

WELDING

- WELDS SHALL CONFORM TO AMERICAN WELDING SOCIETY (AWS):
D1.1, STRUCTURAL WELDING CODE STEEL
D1.2, STRUCTURAL WELDING CODE SHEET STEEL
- REPAIR WELDS FOUND DEFECTIVE IN ACCORDANCE WITH AWS D1.1 SECTION 5.26.
- USE INTERMITTENT WELDS AT FIELD WELDS OF EMBED PLATES AND ANGLES TO AVOID SPALLING OR CRACKING OF THE EXISTING CONCRETE.
- BUTT JOINT WELDS SHALL BE COMPLETE JOINT PENETRATION (CJP) UNLESS INDICATED OTHERWISE.

ABBREVIATIONS

- ABBREVIATIONS AND DESIGNATIONS FOR STEEL MEMBERS MAY BE FOUND IN THE CURRENT MANUAL OF STEEL CONSTRUCTION BY AISC.
- ABBREVIATIONS OF TECHNICAL SOCIETIES AND TRADE ASSOCIATIONS MAY BE FOUND IN THE SPECIFICATIONS.
- WELDING SYMBOLS AND ABBREVIATIONS MAY BE FOUND IN AWS 2.4.



REVISIONS		APPROVED				
DATE	DESCRIPTION		ISSUED FOR CONSTRUCTION	REV NO. 1 FOR CONSTRUCTION		
7/1/25					DW	
9/15/25						DW
					APVD	
					MA	
					CHK	
					ED	
					DRW	
					ED	
					DRW	

SANTA FE SOLID WASTE MANAGEMENT AGENCY
BUCKMAN ROAD RECYCLING AND TRANSFER STATION
2600 BUCKMAN RD, SANTA FE, NEW MEXICO 87507
**BURRT CUSTOMER UNLOADING
AREA IMPROVEMENTS**

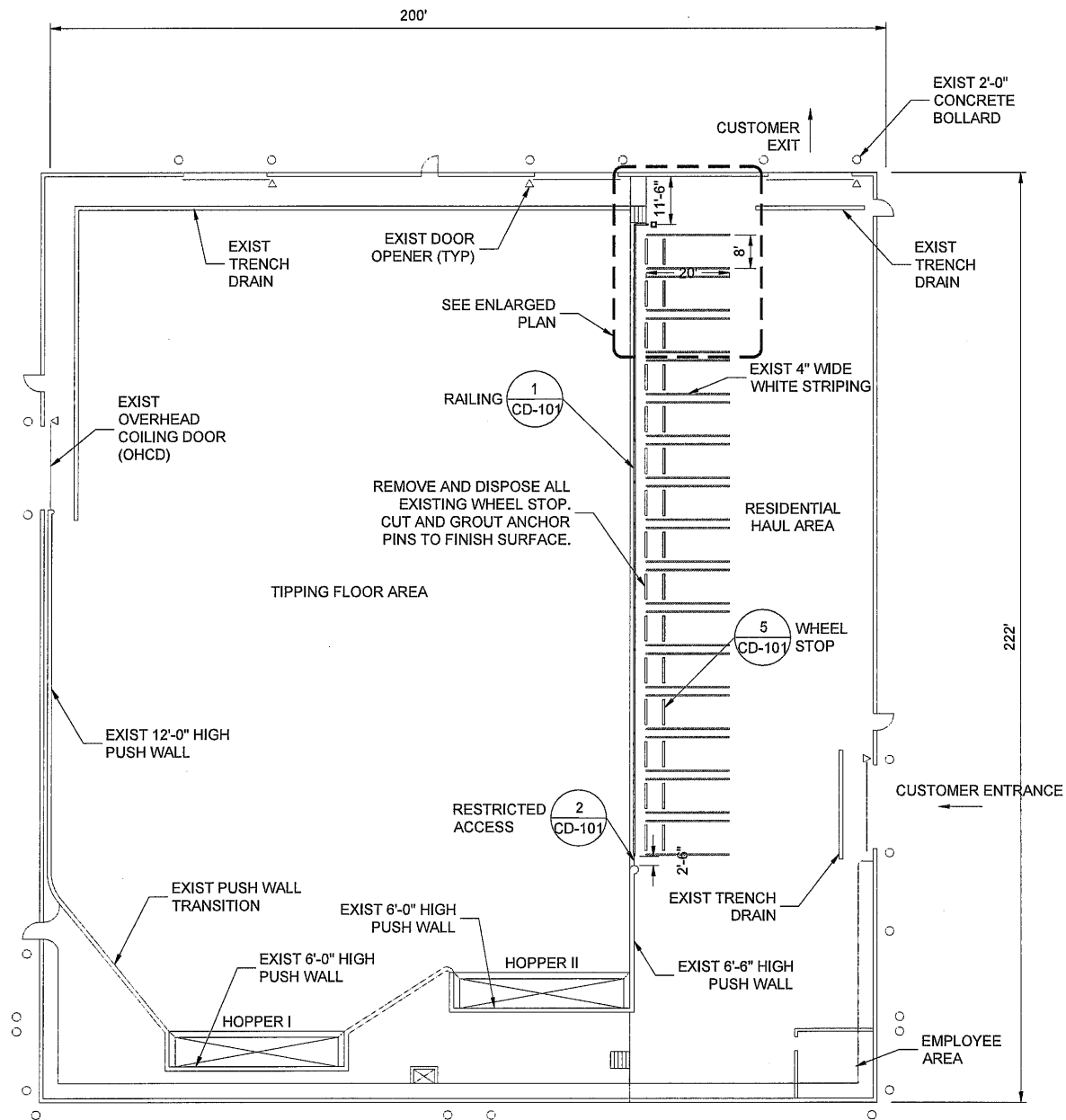
GENERAL NOTES

LAULEA
ENGINEERING, LLC
1127 11TH AVE SUITE 302
HONOLULU, HAWAII 96816

BAR IS ONE INCH ON
ORIGINAL DRAWING,
VERIFY SCALE

DATE	2025/05/07
PROJ	25008
DWG	G-101
SHEET	2 OF 4

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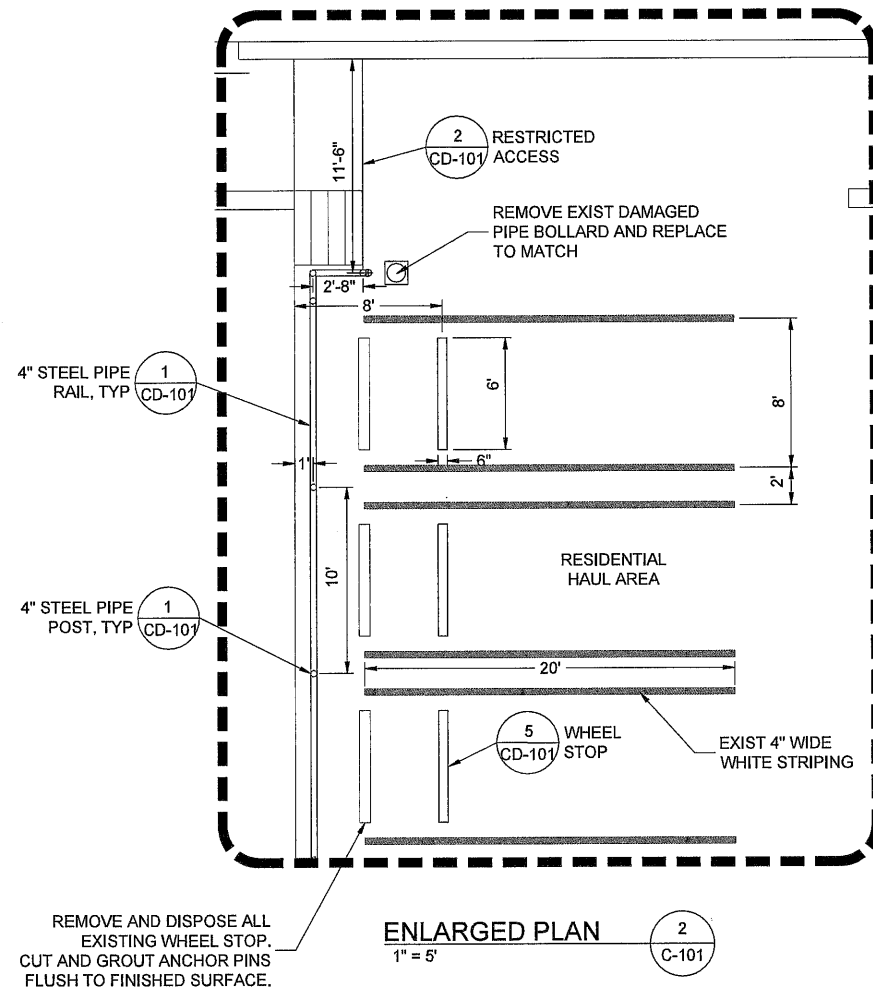


TIPPING FACILITY PLAN
1" = 20'

1
C-101

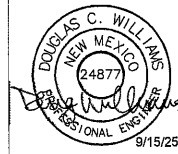
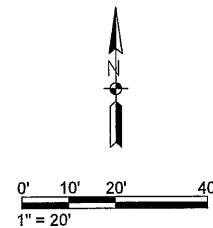
NOTES

1. GENERAL CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO COMPLETION OR FABRICATION OF ANY ELEMENTS.
2. DRAWINGS ARE BASED ON RECORD DRAWINGS DATED 02/18/1998 PRODUCED BY CAMP DRESSER & MCKEE.
3. NOT ALL EXISTING ITEMS OF THE FACILITY MAY BE SHOWN. CONTRACTOR SHALL FIELD VERIFY AND NOTIFY ENGINEER OF ANY EXISTING ITEMS THAT MAY BE IMPACTED BY CONSTRUCTION ACTIVITIES.
4. CONTRACTOR SHALL COORDINATE CLOSING OF PARKING STALLS WITH OWNER AS NECESSARY TO PERFORM WORK. A MINIMUM OF 7 STALLS SHALL REMAIN OPEN FOR CUSTOMER USE THROUGHOUT DURATION OF CONSTRUCTION.



ENLARGED PLAN
1" = 5'

2
C-101



REVISIONS		APPROVED	DATE
DESCRIPTION	DW		7/1/25
ISSUED FOR CONSTRUCTION			9/15/25
REV NO. 1 FOR CONSTRUCTION			
DRW	ED	DRW	ED
MA	AP/VD		DW

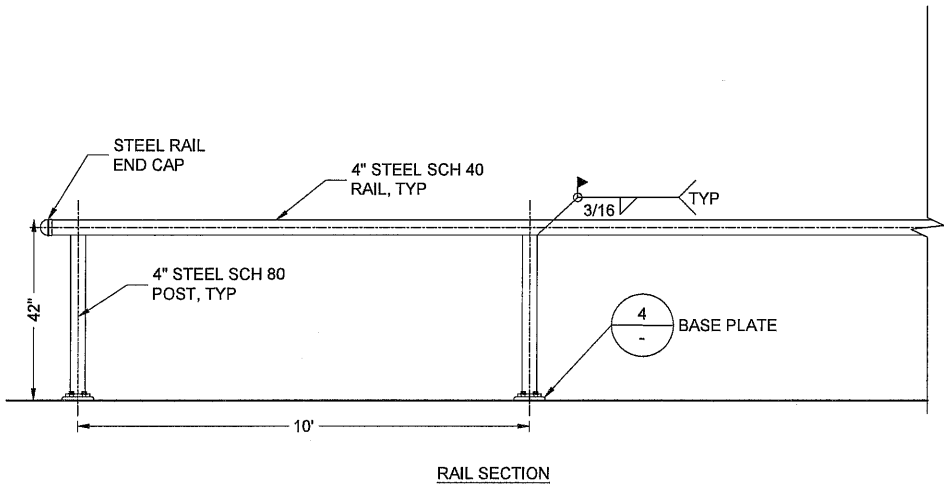
SANTA FE SOLID WASTE MANAGEMENT AGENCY
BUCKMAN ROAD RECYCLING AND TRANSFER STATION
2600 BUCKMAN RD, SANTA FE, NEW MEXICO 87507
**BURRT CUSTOMER UNLOADING
AREA IMPROVEMENTS**

FACILITY PLAN

LAULEA
ENGINEERING, LLC
1127 11TH AVE SUITE 302
HONOLULU, HAWAII 96816

BAR IS ONE INCH ON ORIGINAL DRAWING, VERIFY SCALE	
DATE	2025/05/07
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DWG	C-101
SHEET	3 OF 4

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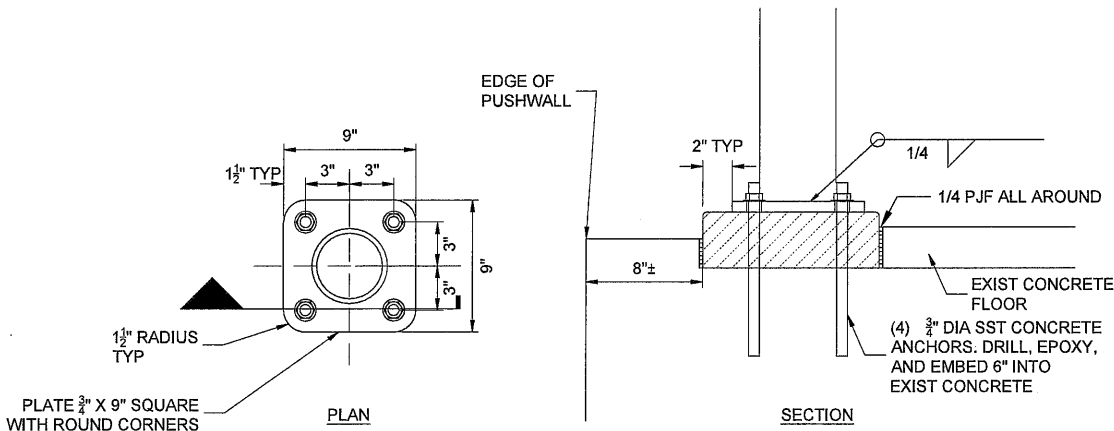


RAILING DETAIL
NTS

1
CD-101

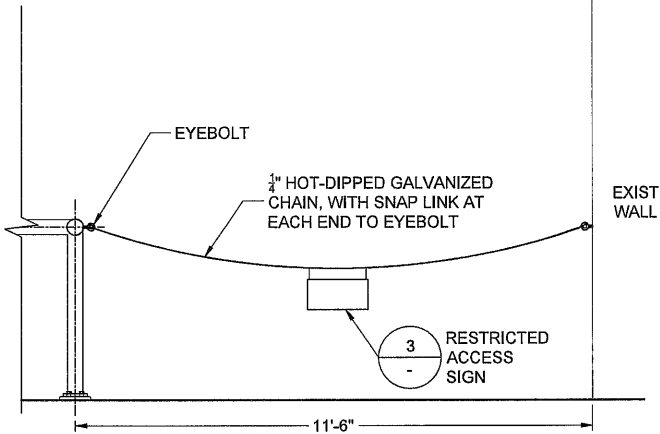
NOTES

- POST AND RAILS SHALL BE EPOXIED PAINTED YELLOW. SURFACE SHALL BE PREPARED BY MEDIA BLASTING AND IN ACCORDANCE WITH PAINT MANUFACTURER RECOMMENDATIONS.
- STEEL TUBING SHALL CONFORM TO ASTM A53, GRADE B.
- GRIND WELDS SMOOTH TO CREATE FLUSH SURFACE.



BASE PLATE DETAIL
NTS

4
CD-101

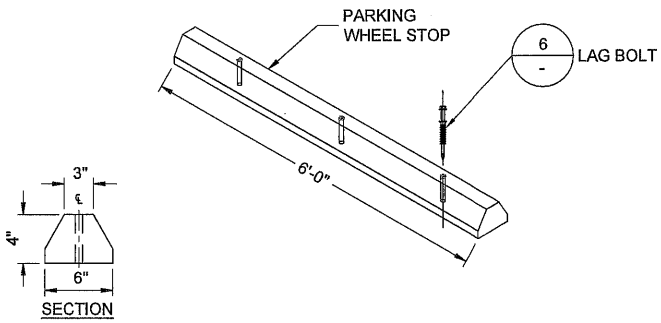


RESTRICTED ACCESS DETAIL
NTS

2
CD-101

RESTRICTED ACCESS SIGN DETAIL
NTS

3
CD-101



WHEEL STOP DETAIL
NTS

5
CD-101

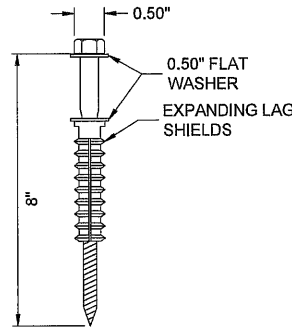
NOTES

- PARKING WHEEL STOP SHALL BE SOLID PLASTIC AND YELLOW IN COLOR AND NOT PAINTED.
- BOLTS, NUTS, WASHERS, AND FASTENERS SHALL BE STAINLESS STEEL.
- CONTRACTOR SHALL LOCATE EXISTING REINFORCEMENT USING NON-DESTRUCTIVE METHODS PRIOR TO DRILLING HOLES FOR ADHESIVE AND EXPANSION ANCHORS. ADJUST SPACING OF ANCHORS TO MISS REINFORCEMENT, HOWEVER, TOTAL NUMBER OF ANCHORS PROVIDED MUST EQUAL NUMBER SHOWN ON THE DRAWINGS.



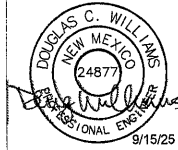
NOTES

- SIGN MATERIAL: BAKED ENAMEL FINISH 20-GAUGE (MIN) STEEL.
- AS MANUFACTURED BY SETON IDENTIFICATION PRODUCTS, NUTHEME ILLUSTRATED SAFETY CO., OR APPROVED EQUAL.



LAG BOLT DETAIL
NTS

6
CD-101



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7/1/25	ISSUED FOR CONSTRUCTION				DW
9/15/25	REV NO. 1 FOR CONSTRUCTION				
DRW	ED	DRW	CHK	MA	APVD
					DW

SANTA FE SOLID WASTE MANAGEMENT AGENCY
BUCKMAN ROAD RECYCLING AND TRANSFER STATION
2600 BUCKMAN RD, SANTA FE, NEW MEXICO 87507

BURRT CUSTOMER UNLOADING
AREA IMPROVEMENTS

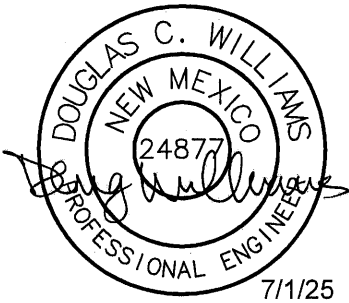
DETAIL SHEET

LAULEA
ENGINEERING, LLC
1127 11TH AVE SUITE 302
HONOLULU, HAWAII 96816

BAR IS ONE INCH ON ORIGINAL DRAWING, VERIFY SCALE.	
0"	1"
DATE	2025/05/07
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01 11 00 Summary of Work.....	1- 1
01 33 00 Submittal Procedures	1- 8
01 77 00 Closeout Procedures	1- 4
DIVISION 05—METALS	
05 50 00 Metal Fabrications	1- 7



**SECTION 01 11 00
SUMMARY OF WORK**

PART 1 GENERAL

1.01 WORK COVERED BY CONTRACT DOCUMENTS

- A. The completed Work for the customer unloading area at the Buckman Road Recycling and Transfer Station will provide the Owner with the following:
 - 1. Removal of existing parking wheel stops and anchor steel bars.
 - 2. Repair of concrete floor at locations where anchor steel bars were located.
 - 3. Safety rail installation along top of push walls.
 - 4. Installation of new parking wheel stops.

1.02 WORK NOT COVERED BY CONTRACT DOCUMENTS

- A. Not Used.

1.03 OWNER-FURNISHED PRODUCTS

- A. Not Used.

PART 2 PRODUCTS (NOT USED)

PART 3 EXECUTION (NOT USED)

END OF SECTION

**SECTION 01 33 00
SUBMITTAL PROCEDURES**

PART 1 GENERAL

1.01 SCOPE OF WORK

- A. This Section includes the requirements for compiling, processing and transmitting submittals required for execution of the project.

1.02 DEFINITIONS

- A. Submittals are categorized into two types: Action Submittals and Informational Submittals, as follows:
 - 1. Action Submittal: Written and graphic information submitted by the Contractor that requires the Engineer's approval. The following are examples of action submittals:
 - a. Shop drawings (including working drawing and product data)
 - b. Samples
 - c. Operation & maintenance manuals
 - d. Site Usage Plan (Contractor's staging - including trailer siting and material laydown area)
 - e. Schedule of values
 - f. Payment application format
 - 2. Informational Submittal: Information submitted by the Contractor that generally does not require the Engineer's approval. The following are examples of informational submittals:
 - a. Shop Drawing Schedule
 - b. Construction Schedule
 - c. Statements of Qualifications
 - d. Health and Safety Plans
 - e. Construction Photography and Videography
 - f. Work Plans
 - g. Maintenance of Traffic Plans
 - h. Outage Requests
 - i. Proposed Testing Procedures
 - j. Test Records and Reports
 - k. Vendor Training Outlines/Plans
 - l. Test and Start-Up Reports
 - m. Certifications
 - n. Record Drawings
 - o. Record Shop Drawings
 - p. Submittals required by laws, regulations and governing agencies
 - q. Submittals required by funding agencies
 - r. Other requirements found within the technical specifications
 - s. Warranties and Bonds
 - t. As-Built Surveys
 - u. Contract Close-out Documents

B. PROCEDURES

1. Electronic Submittals: Submittals shall, unless specifically accepted, be made in electronic format.
 - a. Each submittal shall be an electronic file in Adobe Acrobat Portable Document Format (PDF) unless otherwise approved or instructed by Engineer. Use the latest version available at time of execution of the Agreement.
 - b. Electronic files that contain more than 10 pages in PDF format shall contain internal bookmarking from an index page to major sections of the document.
 - c. PDF files shall be set to open "Bookmarks and Page" view.
 - d. Add general information to each PDF file, including title, subject, author, and keywords.
 - e. PDF files shall be set up to print legibly at 8.5-inch by 11-inch, 11-inch by 17-inch, or 22-inch by 34-inch. No other paper sizes will be accepted.
 - f. Submit new electronic files for each resubmittal.
 - g. Include a copy of the Transmittal of Contractor's Submittal form, located at end of section, with each electronic file.
 - h. Engineer will reject submittal that is not electronically submitted, unless specifically accepted.
 - i. Provide Engineer with authorization to reproduce and distribute each file as many times as necessary for Project documentation.
 - j. Detailed procedures for handling electronic submittals will be discussed at the preconstruction conference.
2. Transmittal of Submittal: Contractor shall:
 - a. Review each submittal and check for compliance with Contract Documents.
 - b. Stamp each submittal with uniform approval stamp before submitting to Engineer.

Stamp to include Project name, submittal number, Specification number, Contractor's reviewer name, date of Contractor's approval, and statement certifying submittal has been reviewed, checked, and approved for compliance with Contract Documents. Engineer will not review submittals that do not bear Contractor's approval stamp and will return them without action.
 - c. Complete, sign, and transmit with each submittal package, one Transmittal of Contractor's Submittal form attached at end of this section.
 - d. Identify each submittal with the following:

Numbering and Tracking System:

 - i. Sequentially number each submittal. Resubmission of submittal shall have original number with sequential alphabetic suffix.
 - ii. Specification section and paragraph to which submittal applies.
 - iii. Project title and Engineer's project number.
 - iv. Date of transmittal.
 - v. Names of Contractor, Subcontractor or Supplier, and manufacturer as appropriate.
 - vi. Identify and describe each deviation or variation from Contract Documents.
3. Format:
 - a. Do not base Shop Drawings on reproductions of Contract Documents.

- b. Package submittal information by individual specification section. Do not combine different specification sections together in submittal package, unless otherwise directed in specification.
 - c. Present in a clear and thorough manner and in sufficient detail to show kind, size, arrangement, and function of components, materials, and devices, and compliance with Contract Documents.
 - d. Index with labeled tab dividers in orderly manner.
- 4. Timeliness: Schedule and submit in accordance Schedule of Submittals and requirements of individual specification sections.
- 5. Processing Time:
 - a. Time for review shall commence on Engineer's receipt of submittal.
 - b. Engineer will act upon Contractor's submittal and transmit response to Contractor not later than 14 days after receipt, unless otherwise specified.
 - c. Resubmittals will be subject to same review time.
 - d. No adjustment of Contract Times or Price will be allowed as a result of delays in progress of Work caused by rejection and subsequent resubmittals.
- 6. Resubmittals: Clearly identify each correction or change made.
- 7. Incomplete Submittals:
 - a. Engineer will return entire submittal for Contractor's revision if preliminary review deems it incomplete.
 - b. When any of the following are missing, submittal will be deemed incomplete:
 - i. Contractor's review stamp; completed and signed.
 - ii. Transmittal of Contractor's Submittal; completed and signed.
 - iii. Insufficient number of copies.
- 8. Submittals not required by Contract Documents:
 - a. Will not be reviewed and will be returned stamped "Not Subject to Review."
 - b. Engineer will keep one copy and return submittal to Contractor.

C. ACTION SUBMITTALS

- 1. Prepare and submit Action Submittals required by individual specification sections.
- 2. Shop Drawings:
 - a. Copies: One reproducible electronic copy.
 - b. Identify and Indicate:
 - i. Applicable Contract Drawing and Detail number, products, units and assemblies, and system or equipment identification or tag numbers.
 - ii. Equipment and Component Title: Identical to title shown on Drawings.
 - iii. Critical field dimensions and relationships to other critical features of Work. Note dimensions established by field measurement.
 - iv. Project-specific information drawn accurately to scale.
- 3. Manufacturer's standard schematic drawings and diagrams as follows:
 - a. Modify to delete information that is not applicable to the Work.

- b. Supplement standard information to provide information specifically applicable to the Work.
- 4. Product Data: Provide as specified in individual specifications.
- 5. Samples:
 - a. Copies: Two, unless otherwise specified in individual specifications.
 - b. Preparation:
 - i. Mount, display, or package Samples in manner specified to facilitate review of quality. Attach label on unexposed side that includes the following:
 - Manufacturer name.
 - Model number.
 - Material.
 - Sample source.
 - c. Manufacturer's Color Chart: Units or sections of units showing full range of colors, textures, and patterns available.
- 6. Foreign Manufacturers: When proposed, include names, and addresses of at least two companies that maintain technical service representatives close to Project.
- 7. Full-size Samples:
 - i. Size as indicated in individual specification section.
 - ii. Prepared from same materials to be used for the Work.
 - iii. Cured and finished in manner specified.
 - iv. Physically identical with product proposed for use.
- 8. Action Submittal Dispositions:
 - a. Engineer will review, comment, stamp, and distribute as noted:
 - i. Approved: Contractor may incorporate product(s) or implement Work covered by submittal. Distribution: Electronic.
 - ii. Approved as Noted: Contractor may incorporate product(s) or implement Work covered by submittal, in accordance with Engineer's notations. Distribution: Electronic.
 - b. Partial Approval, Resubmit as Noted: Make corrections or obtain missing portions and resubmit. Except for portions indicated, Contractor may begin to incorporate product(s) or implement Work covered by submittal, in accordance with Engineer's notations. Distribution: Electronic.
 - c. Revise and Resubmit: Contractor may not incorporate product(s) or implement Work covered by submittal. Distribution: Electronic.

1.03 INFORMATIONAL SUBMITTALS

A. General:

- 1. Copies: Submit two copies, unless otherwise indicated in individual specification section.
- 2. Refer to individual specification sections for specific submittal requirements.

3. Engineer will review each submittal. If submittal meets conditions of the Contract, Engineer will forward copy to appropriate parties. If Engineer determines submittal does not meet conditions of the Contract and is therefore considered unacceptable, Engineer will retain one copy and return remaining copy with review comments to Contractor and require that submittal be corrected and resubmitted.

B. Certificates:

1. General:
 - a. Provide notarized statement that includes signature of entity responsible for preparing certification.
 - b. Signed by officer or other individual authorized to sign documents on behalf of that entity.
2. Welding: In accordance with individual specification sections.
3. Installer: Prepare written statements on manufacturer's letterhead certifying installer complies with requirements as specified in individual specification section.
4. Material Test: Prepared by qualified testing agency, on testing agency's standard form, indicating and interpreting test results of material for compliance with requirements.
5. Certificates of Successful Testing or Inspection: Submit when testing or inspection is required by Laws and Regulations or governing agency or specified in individual specification sections.
6. Manufacturer's Certificate of Compliance.

C. Closeout Submittals: In accordance with Section 01 77 00, Closeout Procedures.

D. Contractor-design Data (related to temporary construction):

1. Written and graphic information.
2. List of assumptions.
3. List of performance and design criteria.
4. Summary of loads or load diagram, if applicable.
5. Calculations.
6. List of applicable codes and regulations.
7. Name and version of software.
8. Information requested in individual specification section.

- E. Deferred Submittals: Information submitted by Contractor for portions of design that are to be submitted to permitting agency for approval prior to installation of that portion of the Work, along with Engineer's review documentation that submittal has been found to be in general conformance with Project's design.
- F. Contractor-design data related to permanent construction:
 - 1. List of assumptions.
 - 2. List of performance and design criteria.
 - 3. Summary of loads or load diagram, if applicable.
 - 4. Calculations.
 - 5. List of applicable codes and regulations.
 - 6. Name and version of design software.
 - 7. Factory test results.
 - 8. Informational submittals requested in individual specification section.
 - 9. Prior to installation of indicated structural or nonstructural element, equipment, distribution system, or component or its anchorage, submit calculations and test results of Contractor-designed components for review by Engineer. Documentation of review and indication of compliance with general design intent and project criteria provided on Engineer's comment form as meets conditions of the Contract, along with completed submittal, will be filed with permitting agency by Engineer and approved by permitting agency prior to installation.
- G. Manufacturer's Instructions: Written or published information that documents manufacturer's recommendations, guidelines, and procedures in accordance with individual specification section.
- H. Operation and Maintenance Data.
- I. Payment:
 - 1. Application for Payment.
 - 2. Schedule of Values.
 - 3. Schedule of Estimated Progress Payments.
- J. Quality Control Documentation.
- K. Schedules:

1. Schedule of Submittals: Prepare separately or in combination with Progress Schedule.
 - a. Show for each, at a minimum, the following:
 - i. Specification section number.
 - ii. Identification by numbering and tracking system as specified under Paragraph Transmittal of Submittal.
 - iii. Estimated date of submission to Engineer, including reviewing and processing time.
 - b. On a monthly basis, submit updated Schedule of Submittals to Engineer if changes have occurred or resubmittals are required.
 2. Progress Schedules: In accordance with Section 01 32 00, Construction Progress Documentation.
- L. Special Guarantee: Supplier's written guarantee as required in individual specification sections.
- M. Statement of Qualification: Evidence of qualification, certification, or registration as required in Contract Documents to verify qualifications of professional land surveyor, engineer, materials testing laboratory, specialty Subcontractor, trade, Specialist, consultant, installer, and other professionals.
- N. Submittals Required by Laws, Regulations, and Governing Agencies:
1. Promptly submit promptly notifications, reports, certifications, payrolls, and otherwise as may be required, directly to the applicable federal, state, or local governing agency or their representative.
 2. Transmit to Engineer for Owner's records one copy of correspondence and transmittals (to include enclosures and attachments) between Contractor and governing agency.
- O. Test, Evaluation, and Inspection Reports:
1. General: Shall contain signature of person responsible for test or report.
 2. Factory:
 - a. Identification of product and specification section, type of inspection or test with referenced standard or code.
 - b. Date of test, Project title and number, and name and signature of authorized person.
 - c. Test results.
 - d. If test or inspection deems material or equipment not in compliance with Contract Documents, identify corrective action necessary to bring into compliance.
 - e. Provide interpretation of test results, when requested by Engineer.
 - f. Other items as identified in individual specification sections.
 3. Field:
 - a. As a minimum, include the following:

- i. Project title and number.
- ii. Date and time.
- iii. Record of temperature and weather conditions.
- iv. Identification of product and specification section.
- v. Type and location of test, Sample, or inspection, including referenced standard or code.
- vi. Date issued, testing laboratory name, address, and telephone number, and name and signature of laboratory inspector.
- vii. If test or inspection deems material or equipment not in compliance with Contract Documents, identify corrective action necessary to bring into compliance.
- viii. Provide interpretation of test results, when requested by Engineer.
- ix. Other items as identified in individual specification sections.

1.04 SUPPLEMENT

- 1. Not Used.

PART 2 PRODUCTS (NOT USED)

PART 3 EXECUTION (NOT USED)

END OF SECTION

**SECTION 01 77 00
CLOSEOUT PROCEDURES**

PART 1 GENERAL

1.01 SUBMITTALS

A. Informational Submittals:

1. Submit prior to application for final payment.
 - a. Record Documents: As required in General Conditions.
 - b. Special bonds, Special Guarantees, and Service Agreements.
 - c. Consent of Surety to Final Payment: As required in General Conditions.
 - d. Releases or Waivers of Liens and Claims: As required in General Conditions.
 - e. Releases from Agreements.
 - f. Final Application for Payment.
 - g. Extra Materials: As required by individual Specification sections.

1.02 RECORD DOCUMENTS

A. Quality Assurance:

1. Furnish qualified and experienced person, whose duty and responsibility shall be to maintain record documents.
2. Accuracy of Records:
 - a. Coordinate changes within record documents, making legible and accurate entries on each sheet of Drawings and other documents where such entry is required to show change.
 - b. Purpose of Project record documents is to document factual information regarding aspects of the Work, both concealed and visible, to enable future modification of the Work to proceed without lengthy and expensive Site measurement, investigation, and examination.
3. Make entries within 24 hours after receipt of information that a change in the Work has occurred.
4. Prior to submitting each request for progress payment, request Engineer's review and approval of current status of record documents. Failure to properly maintain, update, and submit record documents may result in a deferral by Engineer to recommend whole or any part of Contractor's Application for Payment, either partial or final.

1.03 RELEASES FROM AGREEMENTS

- A. Furnish Owner written releases from property owners or public agencies where side agreements or special easements have been made, or where Contractor's operations have not been kept within the Owner's construction right-of-way.
- B. In the event Contractor is unable to secure written releases:

1. Inform Owner of the reasons.
2. Owner or its representatives will examine the Site, and Owner will direct Contractor to complete the Work that may be necessary to satisfy terms of the side agreement or special easement.
3. Should Contractor refuse to perform this Work, Owner reserves right to have it done by separate contract and deduct cost of same from Contract Price, or require Contractor to furnish a satisfactory bond in a sum to cover legal Claims for damages.
4. When Owner is satisfied that the Work has been completed in agreement with Contract Documents and terms of side agreement or special easement, right is reserved to waive requirement for written release if: (i) Contractor's failure to obtain such statement is due to grantor's refusal to sign, and this refusal is not based upon any legitimate Claims that Contractor has failed to fulfill terms of side agreement or special easement, or (ii) Contractor is unable to contact or has had undue hardship in contacting grantor.

PART 2 PRODUCTS (NOT USED)

PART 3 EXECUTION

3.01 MAINTENANCE OF RECORD DOCUMENTS

A. General:

1. Promptly following commencement of Contract Times, secure from Engineer at no cost to Contractor, one complete set of Contract Documents.
2. Label or stamp each record document with title, "RECORD DOCUMENTS," in neat large printed letters.
3. Record information concurrently with construction progress and within 24 hours after receipt of information that change has occurred. Do not cover or conceal Work until required information is recorded.

B. Preservation:

1. Maintain documents in a clean, dry, legible condition and in good order. Do not use record documents for construction purposes.
2. Make documents and Samples available at all times for observation by Engineer.

C. Making Entries on Drawings:

1. Using an erasable colored pencil (not ink or indelible pencil), clearly describe change by graphic line and note as required.
 - a. Color Coding:
 - 1) Green when showing information deleted from Drawings.

- 2) Red when showing information added to Drawings.
 - 3) Blue and circled in blue to show notes.
2. Date entries.
 3. Call attention to entry by "cloud" drawn around area or areas affected.
 4. Legibly mark to record actual changes made during construction, including, but not limited to:
 - a. Depths of various elements of foundation in relation to finished first floor data if not shown or where depth differs from that shown.
 - b. Horizontal and vertical locations of existing and new Underground Facilities and appurtenances, and other underground structures, equipment, or Work. Reference to at least two measurements to permanent surface improvements.
 - c. Location of internal utilities and appurtenances concealed in the construction referenced to visible and accessible features of the structure.
 - d. Locate existing facilities, piping, equipment, and items critical to the interface between existing physical conditions or construction and new construction.
 - e. Changes made by Addenda and Field Orders, Work Change Directive, Change Order, and Engineer's written interpretation and clarification using consistent symbols for each and showing appropriate document tracking number.
 5. Dimensions on Schematic Layouts: Show on record drawings, by dimension, the centerline of each run of items such as are described in previous subparagraph above.
 - a. Clearly identify the item by accurate note such as "cast iron drain," "galv. water," and the like.
 - b. Show, by symbol or note, vertical location of item ("under slab," "in ceiling plenum," "exposed," and the like).
 - c. Make identification so descriptive that it may be related reliably to Specifications.

3.02 FINAL CLEANING

- A. At completion of the Work or of a part thereof and immediately prior to Contractor's request for certificate of Substantial Completion; or if no certificate is issued, immediately prior to Contractor's notice of completion, clean entire Site or parts thereof, as applicable.
 1. Leave the Work and adjacent areas affected in a cleaned condition satisfactory to Owner.
 2. Remove grease, dirt, dust, paint or plaster splatter, stains, labels, fingerprints, and other foreign materials from exposed surfaces.
 3. Repair, patch, and touch up marred surfaces to specified finish and match adjacent surfaces.
 4. Clean all windows.

5. Clean and wax wood, vinyl, or painted floors.
 6. Broom clean exterior paved driveways and parking areas.
 7. Hose clean sidewalks, loading areas, and others contiguous with principal structures.
 8. Rake clean all other surfaces.
 9. Remove snow and ice from access to buildings.
 10. Replace air-handling filters and clean ducts, blowers, and coils of ventilation units operated during construction.
 11. Leave water courses, gutters, and ditches open and clean.
- B. Use only cleaning materials recommended by manufacturer of surfaces to be cleaned.

END OF SECTION

**SECTION 05 50 00
METAL FABRICATIONS**

PART 1 GENERAL

1.01 SCOPE OF WORK

- A. Furnish all labor, materials, equipment and incidentals required and install all miscellaneous metal complete as shown on the Drawings and as specified herein.

1.02 SUBMITTALS

- A. Submit, in accordance with Section 01 33 00, product data showing materials of construction and shop drawings including sizes of members, details of installation, method of assembly, anchorage and connection to other members.

1.03 REFERENCE STANDARDS

A. ASTM International (ASTM):

1. ASTM A36 - Standard Specification for Carbon Structural Steel.
2. ASTM A53 - Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless.
3. ASTM A108-18 - Standard Specification for Steel Bar, Carbon and Alloy, Cold-Finished
4. ASTM A123 - Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products.
5. ASTM A153 - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware.
6. ASTM A240 – Standard Specification for Chromium and Chromium Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications.
7. ASTM A276 - Standard Specification for Stainless Steel Bars and Shapes.
8. ASTM A307-21 - Standard Specification for Carbon Steel Bolts, Studs, and Threaded Rod 60,000 Psi Tensile Strength.
9. ASTM A500 – Standard Specification for Cold-Formed Welded and Seamless Carbon Structural Tubing in Rounds and Shapes.
10. ASTM A501 – Standard Specification for Hot-Formed Welded and Seamless Carbon Steel Structural Tubing.

11. ASTM A570 - Standard Specification for Steel, Sheet and Strip, Carbon, Hot-Rolled, Structural Quality.
 12. ASTM A992 – Standard Specification for Structural Steel Shapes.
 13. ASTM A1008 - Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Required Hardness, Solution Hardened, and Bake Hardenable.
 14. ASTM F593-22 - Standard Specification for Stainless Steel Bolts, Hex Cap Screws, and Studs.
 15. ASTM F594-22 - Standard Specification for Stainless Steel Nuts.
 16. ASTM F1554-20 - Standard Specification for Anchor Bolts, Steel, 36, 55, and 105-ksi Yield Strength.
 17. ASTM F2329 – Standard Specification for Zinc Coating, Hot-Dip, Requirements for Application to Carbon and Alloy Steel Bolts, Screws, Washers, Nuts, and Special Threaded Fasteners.
 18. ASTM F3125 – Standard Specification for High Strength Structural Bolts, Steel and Alloy Steel, Heat Treated, 120 ksi (830 MPa) and 150 ksi (1040 MPa) Minimum Tensile Strength, Inch and Metric Dimensions.
- B. American Institute of Steel Construction (AISC):
1. Specification for Structural Steel Buildings – Allowable Stress Design and Plastic Design.
- C. American Welding Society (AWS):
1. AWS D1.1 - Structural Welding Code - Steel.
 2. AWS D1.2 - Structural Welding Code - Aluminum.
 3. AWS D1.6 - Structural Welding Code - Stainless Steel.
 4. AWS A5.1 – Specification for Carbon Steel Electrodes for Shielded Metal Arc Welding.
- D. Federal Specifications:
1. FS-FF-B-575C - Bolts, Hexagonal and Square.
- E. Occupational Safety and Health Administration (OSHA).
- F. International Code Council (ICC):
1. International Building Code (IBC).

- G. Where reference is made to one of the above standards, the revision in effect at the time construction commencement shall apply.

1.04 QUALITY ASSURANCE

- A. The work of this Section shall be completely coordinated with the work of other Sections. Verify, at the site, both the dimensions and work of other trades adjoining items of work in this Section before fabrication and installation of items herein specified.
- B. Furnish to the pertinent trades all items included under this Section that are to be built into the work of other Sections.
- C. All welding shall be performed by qualified welders and shall conform to the applicable AWS welding code. Welding of steel shall conform to AWS D1.1 and welding of aluminum shall conform to AWS D1.2 and welding of stainless steel shall conform to AWS D1.6.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Deliver items to be incorporated into the work of other trades in sufficient time to be checked prior to installation.
- B. Store materials on skids and not on the ground and block up so that they will not become bent or otherwise damaged. Handle materials with cranes or derricks. Do not dump material off cars or trucks nor handle in any other way that will cause damage.
- C. Repair items that have become damage or corroded to the satisfaction of the Engineer prior to incorporating them into the work.

1.06 PROJECT AND SITE REQUIREMENTS

- A. Field measurements shall be taken at the site, prior to fabrication of items, to verify or supplement indicated dimensions and to ensure proper fitting of all items.

PART 2 PRODUCTS

2.01 GENERAL

- A. The use of manufacturer's name and model or catalog number is for the purpose of establishing the standard of quality and general configuration desired.
- B. Like items of materials shall be the end products of one manufacturer in order to provide standardization for appearance, maintenance and manufacturer's service.

2.02 MATERIALS

- A. Unless otherwise noted, materials for miscellaneous metals shall conform to the following standards:

1. Structural Steel: Wide flange shapes: ASTM A992.
2. Other shapes; plates; rods and bars: ASTM A36.
3. Structural Steel Tubing: ASTM A500, Grade B.
4. Welded and Seamless Steel Pipe: ASTM A501 or ASTM A53, Type E or S, Grade B Schedule 40 and Schedule 80. Use standard malleable iron fittings, galvanized for exterior work.
5. Steel Sheets: ASTM A1008.
6. Stainless Steel Plates, Sheets, and Washers:
 - a. Exterior, Submerged or Industrial Use: ASTM A240, Type 316 (Type 316L for welded components).
 - b. Interior and Architectural Use: ASTM A240, Type 304.
7. Stainless Steel Shapes and Bars:
 - a. Exterior, Submerged or Industrial Use: ASTM A276, Type 316 (Type 316L for welded components).
 - b. Interior and Architectural Use: ASTM A276, Type 304.
8. Stainless Steel Bolts ASTM F593-22, Type 316.
9. Stainless Steel Nuts: ASTM F594, Type 316.
10. Carbon Steel Bolts and Studs: ASTM A307-21, Grade A (hot dip galvanized nuts and washers where noted).
11. High Strength Steel Bolts, Nuts and washers: ASTM F3125 (mechanically galvanized per ASTM B695, Class 50, where noted)
 - a. Elevated Temperature Exposure: Type I.
 - b. General Application: Type I or Type II.
12. Galvanizing: ASTM A123, Zn w/0.05 percent minimum Ni.
13. Galvanizing, hardware: ASTM A153, Zn w/0.05 percent minimum Ni.
14. Galvanizing, anchor bolts: ASTM F2329, Zn w/0.05 percent minimum Ni.
15. Welding electrodes, steel: AWS A5.1 E70xx.

2.03 ANCHORS, BOLTS, AND FASTENING DEVICES

- A. Unless otherwise noted, anchor bolts shall be ASTM F1554-20, Grade 36. Provide standard headed bolts with heavy hex nuts and Grade A washers. Where galvanized anchor bolts are shown or specified, provide standard headed bolts with heavy hex nuts and Grade A washers, all galvanized in accordance with ASTM F2329.

- B. Unless otherwise noted, bolts for the connection of carbon steel or iron shall be steel machine bolts; bolts for the connection of galvanized steel or iron shall be galvanized steel or stainless steel machine bolts; and bolts for the connection of aluminum or stainless steel shall be stainless steel machine bolts.
- C. Unless otherwise noted, expansion anchors shall be zinc plated carbon steel wedge type anchors complete with nuts and washers. Type 316 stainless steel wedge type anchors shall be used where they will be submerged or exposed to the weather or where stainless steel wedge type anchors are shown or specified. When the length or embedment of the bolt is not noted on the Drawings, provide length sufficient to place the wedge and expansion cone portion of the bolt at least 1-in behind the concrete reinforcing steel. Expansion anchors shall be Hilti, Kwik-Bolt TZ; Simpson Strong-Tie Strong-Bolt 2 Wedge Anchor; Powers Power-Stud+ or equal.
- D. Adhesive anchor system, for fastening to solid concrete substrate, shall be a system manufactured for the installation of post installed studs including anchoring hardware and chemical dispenser. Injection adhesive shall be a two-component epoxy system including a hardener and a resin, furnished in pre-measured side-by-side cartridges which keep the two components separate. Side-by-side cartridges shall be designed to accept a static mixing nozzle which thoroughly blends the two components and allows injection directly into the drilled hole. Provide zinc plated carbon steel or Type 316 stainless steel stud assemblies as indicated on the Drawings consisting of an all-thread anchor rod with nut and washer. Adhesive anchor system shall be Hilti RE 200; Simpson Strong Tie SET-XP; ITW Ramset Red Head Epcon G5; or equal. Unless otherwise noted, anchorage designs shown on the Drawings are based on Hilti RE 500 SD.
- E. Machine bolts and nuts shall conform to Federal Specification FF-B-575C. Bolts and nuts shall be hexagon type. Bolts, nuts, screws, washers and related appurtenances shall be Type 316 stainless steel.

2.04 MISCELLANEOUS STEEL

- A. All miscellaneous metal work shall be formed true to detail, with clean, straight, sharply defined profiles and smooth surfaces of uniform color and texture and free from defects impairing strength or durability. Holes shall be drilled or punched. Edges shall be smooth and without burrs. Fabricate supplementary pieces necessary to complete each item though such pieces are not definitely shown or specified.
- B. Connections and accessories shall be of sufficient strength to safely withstand the stresses and strains to which they will be subjected. Exposed joints shall be close fitting and jointed where least conspicuous. Threaded connections shall have the threads concealed where practical. Welded connections shall have continuous welds or intermittent welds as specified or shown. The face of welds shall be dressed flush and smooth. Provide holes for temporary field connections and for attachment of the work of other trades.
- C. Miscellaneous steel items shall include any miscellaneous steel called for on the Drawings and not otherwise specified.

- D. Steel pipe pieces for sleeves, lifting attachments and other functions shall be Schedule 40 pipe unless otherwise shown on the Drawings. Wall and floor sleeves, of steel pipe, shall have welded circumferential steel waterstops at mid-length.
- E. Galvanizing, where required, shall be the hot-dip zinc process after fabrication. Coating shall be not less than 2 oz/sq ft of surface.

2.05 MISCELLANEOUS STAINLESS STEEL

- A. All miscellaneous metal work shall be formed true to detail, with clean, straight, sharply defined profiles and smooth surfaces of uniform color and texture and free from defects impairing strength or durability. Holes shall be drilled or punched. Edges shall be smooth and without burrs. Fabricate supplementary pieces necessary to complete each item though such pieces are not definitely shown or specified.
- B. Connections and accessories shall be of sufficient strength to safely withstand the stresses and strains to which they will be subjected. Exposed joints shall be close fitting and jointed where least conspicuous. Threaded connections shall have the threads concealed where practical. Welded connections shall have continuous welds or intermittent welds as specified or shown. The face of welds shall be dressed flush and smooth. Provide holes for temporary field connections and for attachment of the work of other trades.
- C. Miscellaneous stainless steel items shall include any miscellaneous stainless steel called for on the Drawings and not otherwise specified.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Zinc coating which has been burned by welding, abraded, or otherwise damaged shall be cleaned and repaired after installation. The damage area shall be thoroughly cleaned by wire brushing and all traces of welding flux and loose or cracked zinc coating removed prior to painting. The cleaned area shall be painted with two coats of zinc oxide-zinc dust paint conforming to the requirements of Military Specifications MIL-P-15145. The paint shall be properly compounded with a suitable vehicle in the ratio of one-part zinc oxide to four parts zinc dust by weight.
- B. Specialty products shall be installed in accordance with the manufacturer's recommendations.
- C. Expansion bolts shall be checked for tightness a minimum of 24 hours after initial installation.
- D. Install adhesive anchor system in strict compliance with the manufacturer's recommendations, including drill bit diameter, surface preparation, temperature, moisture conditions, injection and installation of bolts. Use oil free compressed air to blast out loose particles and dust from the drilled holes. Bolts must be clean and free of dirt, oil, grease, ice or other material which would reduce bond.

- E. All steel surfaces that come into contact with exposed concrete or masonry shall receive a protective coating of an approved heavy bitumastic troweling mastic applied in accordance with the manufacturer's instructions prior to installation.
- F. Where aluminum contacts a dissimilar metal, apply a heavy brush coat of zinc-chromate primer followed by two coats of aluminum metal and masonry paint to the dissimilar metal.
- G. Where aluminum contacts masonry or concrete, apply a heavy coat of approved alkali resistant paint to the masonry or concrete.
- H. Where aluminum contacts wood, apply two coats of aluminum metal and masonry paint to the wood.
- I. Between aluminum gratings, aluminum stair treads, or aluminum handrail brackets and steel supports, insert 1/4-in thick neoprene isolator pads, 85 plus or minus 5 Shore A durometer, sized for full width and length of bracket or support.

END OF SECTION