



SCOPE OF WORK

This solicitation addresses the need for material and fabrication of two (2) sets of delta frame handling devices for the US 181 Harbor Bridge Project in Corpus Christi, Texas

1.0 Scope of Work

This Scope of Work includes supply and fabrication of:

- (2) Turning frames and diagonal bracings
- (2) Turning arms
- (4) Delta frame lifters
- (2) Sets of structures to transport the Delta Frames on SPMT
- (4) Delta frame spreader beam
- (4) N.B Lower access platform
- (4) S.B Lower access platform
- (8) Delta Frame installation support

Fabrication shall be according to the following drawings:

- *“DELTA FRAME IFC”, August 17, 2021.*
- *“DF SUPPORT – FOR PRICING”, August 25, 2021.*

General Notes included in drawing 160578-400 are applicable to both sets of drawings.

Seller will provide a complete set of shop drawings for all the elements, for Designer review. Designer will review the shop drawings in a two (2) weeks period. Seller will be responsible for any delay if the deliverable is not approved after the first resubmittal.

Scope of Work includes the following activities:

- Shop and/or fabrication drawings.
- Material and fabrication of the following delta frame handling devices:
 1. Turning frames and diagonal bracings (2 Units)
(Shown on drawings 160578-432 & 160578-433)
 2. Turning arms (2 Units)
(Shown in blue on drawing 160578-434)
 3. Delta frame lifters (4 Units)
(Shown in green on drawing 160578-420, 160578-421 & 160578-422)
 4. Structures to transport the Delta Frame On SPMT- 2 sets of the frames and beams
shown on drawing 160578-450_B & 160578-422)



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5. Delta frame spreader beam (4 Units)
(Shown on drawing 160578-440-A & 160578-441-B)
 6. N.B Lower access platform (4 Units)
(Shown on drawing 160578-410, 160578-412 & 160578-413)
 7. S.B Lower access platform (4 Units)
(Shown on drawing 160578-411, 160578-412 & 160578-413)
 8. Delta Frame installation support (8 Units)
(Shown on drawing 160578-442-A & 160578-443-A)
- All pins, bolts, holes, stiffeners and misc. items with the exception of those listed in the section of items not included.
 - Welding testing according to General Notes (160578-400)
 - Loading and freight for the Material to be delivered inside the Port of Corpus Christi (all drivers shall comply with the Port of Corpus Christi procedures).
 - Seller shall include painting in their quote, as an optional separate line item (only requirement for painting is to last 2 years with no rust).

Scope of work excludes the following items:

- Support pads
- Embedded anchors
- UHMPE pads
- Threaded bars
- Shackles
- 10T jacks
- 100T support jacks
- Hilman rollers

Fabrication and delivery of material

- Each element (turning frame, turning arm, lifter, spreader beam and lower access platforms) needs to come to the jobsite completely fabricated.
- Seller shall coordinate all material deliveries with the Buyer's Designated Point of Contact to the following addresses:
 - South Tower: 50% of the elements
Flatiron/Drageados, LLC
Port of Corpus Christi
905 Harbor Dr, Corpus Christi, TX 78401



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- North Tower: 50% of the elements

Flatiron/Drageados, LLC
Port of Corpus Christi
Avenue F, Corpus Christi, TX 78407

2.0 Schedule

The material is to be delivered on site according to the following table:

#	Element	01/15/22	02/15/22
1	Turning frames and diagonal bracings	2 units	
2	Turning arms	2 units	
3	Delta frame lifters	2 units	2 units
4	Delta Frame On SPMT structures-		2 units
5	Delta frame spreader beam	2 units	2 units
6	N.B Lower access platform	2 units	2 units
7	S.B Lower access platform	2 units	2 units
8	Delta Frame installation support	4 units	4 units

3.0 General Requirements

Seller's construction safe work practices, and job procedures are to conform to the following standards: Occupational Safety & Health Regulations (OSHA), Texas Department of Transportation "Standard Specification for Construction and Maintenance of Highway, Streets, and Bridges", Port of Corpus Christi and Contractor's health safety policies and standards.

Seller shall assume toward the Buyer all obligations and responsibilities which the Contractor has assumed toward the Owner under the Contract to the extent such obligations and liabilities relate to the Seller's Work. In case of conflict between the terms of this Purchase Order Agreement and Contract, the Purchase Order Agreement shall control. The Contract has been and remains available to the Seller for review via web link: <http://www.txdot.gov/business/partnerships/current-cda/harbor-bridge/executed-version.html>

- Services will be provided in the city of Corpus Christi, Texas within the Port. Subcontractor must follow Port of Corpus Christi rules.



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- Seller shall communicate and coordinate all aspects of its works with the Contractor's Authorized Representative.
- Seller shall be responsible for all deliveries to and from the working location defined by the Contractor's Authorized Representative.
- Seller shall comply with Contractor's safety plan and procedures and forms at all times.
- Seller shall comply with the use of required Personal Protective Equipment (PPE)

Technical Requirements:

Material and fabrication specifications are included in drawing 160578-400. Steel could be domestic or non-domestic.

4.0 List of Sellers

Seller shall provide lists of all Second-Tier Sellers are going to be providing services under this Agreement. Second-Tier Sellers are subject to the approval of the Buyer. List provided below includes all the Second-Tier Sellers that will potentially being providing Materials or Services. In case a new Second-Tier Seller is identify during the execution of the services, Seller shall request written approval from Buyer's Authorized Representative prior to perform any work.

Second-Tier Seller	Contact Info

5.0 Buyer's DBE Commitment:

Seller's DBE agreed commitment under this agreement is 9%.

6.0 Deliverables

- Economical proposal for the scope of the work detailed
- Rates for labor and equipment
- Estimated Mobilization Time.
- Preliminary Work Plan. (Including labor, equipment, material type and quantities).
- Schedule including the activities to perform the scope of work

7.0 Project Execution Plan



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- 1. Schedule of Work:** to be provided by bidder as part of their proposal. Should include a narrative detailing: procurement plan, key personnel involved, location, etc.
- 2. Delivery Schedule:** Delivery of the pre-assembled Materials will be expected to be as detailed in section 2.0. Mobilization will be provided by the Seller along with trailer transportation of the material. The material must be transported in one or as minimum loads as possible.
- 3. Availability of spare parts during the operation period:** to be provided by bidder as part of their proposal.
- 4. Warranty scope:** to be provided by bidder as part of their proposal.
- 5. Freight:** to be provided by bidder as part of their proposal.