



## Ocean County Board of Commissioners

OFFICE OF THE  
OCEAN COUNTY COMMISSIONERS

Director John P. Kelly  
Deputy Director Virginia E. Haines  
Commissioner Barbara Jo Crea  
Commissioner Gary Quinn  
Commissioner Joseph H. Vicari

101 Hooper Avenue  
Toms River, New Jersey  
08754-2191  
Tel: (732)929-2005  
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### Board Meeting Agenda

Date: December 7, 2022 - 4:00 PM  
Location: Administration Building  
Room 119  
101 Hooper Avenue  
Toms River, NJ 08754

Agenda: Awarding Contracts for the furnishing and delivery of BEAM GUIDE RAIL AND TANGENT GUIDE RAIL ELEMENTS to M.L. Ruberton Construction Co., Inc. and Chemung Supply Corp., the lowest qualified bidders. (B2022-146)

<b>Official Resolution#</b>	<b>2022001646</b>						
Meeting Date	12/07/2022						
Introduced Date	12/07/2022						
Adopted Date	12/07/2022						
Agenda Item	m-1						
CAF #							
Purchase Req. #	B2022-146						
Result	Adopted						
<b>COUNTY COMMISSIONER</b>	<b>PRES.</b>	<b>ABS.</b>	<b>MOVE</b>	<b>SEC</b>	<b>AYE</b>	<b>NAY</b>	<b>ABST.</b>
Kelly	<				<		
Haines	<		<		<		
Crea	<				<		
Quinn	<				<		
Vicari	<			<	<		

I HEREBY CERTIFY THAT THIS DOCUMENT IS A TRUE, COMPLETE AND ACCURATE COPY OF THIS RESOLUTION, ADOPTED BY OCEAN COUNTY BOARD OF COMMISSIONERS, NJ AT THE MEETING REFERENCED THEREON

*Michelle I. Gunther*

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Clerk Of The Board

CONTRACT NO. MUST BE ON ALL PAPERS, DOCUMENTS, INVOICES, VOUCHERS  
NO. B2022-146

RESOLUTION

December 7, 2022

WHEREAS, on October 18, 2022, pursuant to legal advertisements therefor, sealed bids were received for the furnishing and delivery of BEAM GUIDE RAIL AND TANGENT GUIDE RAIL ELEMENTS for the County of Ocean; and

WHEREAS, at the advertised time, responses were received from the following bidders:

Name and Address of Bidder

M.L. Ruberton Construction Co., Inc.  
1512 Mays Landing Road  
Folsom, NJ 08037  
(609) 561-3800

Name and Address of Bidder

Chemung Supply Corp.  
PO Box 527  
Elmira, NY 14902  
(607) 733-5506

Road Safety Systems, LLC  
12 Park Drive  
Shamong, NJ 08088  
(609) 801-9332

; and

WHEREAS, after the receipt and examination of same, the County Purchasing Agent has now recommended to this Board that the lowest qualified bid, according to specifications, in each instance, namely that of M.L. RUBERTON CONSTRUCTION CO., INC. and CHEMUNG SUPPLY CORP. be accepted.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. The Director and Clerk of this Board are hereby authorized and directed to enter into contracts accepting bids for the furnishing and delivery of Beam Guide Rail and Tangent Guide Rail Elements for the County of Ocean, for the contract period from date of award through December 6, 2023, a period of one (1) year, OR until delivery is complete unless otherwise stated. The County reserves the right to extend the term of the contract pursuant to N.J.S.A. 40A:11-15, as follows:

A. M.L. RUBERTON CONSTRUCTION CO., INC. for ninety six (96) items, to wit:

ITEM NOS. 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129 and 130.

For a Total Lump Sum Award for Section II (Items 35 - 41) of \$43,900. For a Total Lump Sum Award for Section III (Items 42 - 78) of \$478,700.00. For a Total Lump Sum Award for Section IV (Items 79 - 123) of \$449,500.00. For a Total Lump Sum Award for Section V (Items 124 - 130) of \$17,950.00.

This vendor has extended this contract to County Cooperative Contract System Participants.

B. CHEMUNG SUPPLY CORP. for ninety six (96) items, to wit:

ITEM NOS. 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129 and 130.

For a Total Lump Sum Award for Section II (Items 35 - 41) of \$43,900. For a Total Lump Sum Award for Section III (Items 42 - 78) of \$478,700.00. For a Total Lump Sum Award for Section IV (Items 79 - 123) of \$449,500.00. For a Total Lump Sum Award for Section V (Items 124 - 130) of \$17,950.00.

This vendor has extended this contract to County Cooperative Contract System Participants.

2. Payments for the materials to be acquired by these contracts shall be made upon the approval of vouchers submitted by the successful bidders in accordance with the requirements of the Board of Commissioners and subject to the Board of Commissioners customary procedures. Delivery shall be made upon receipt of a Purchase Order issued by the Ocean County Department of Purchase, upon which delivery locations and needed quantities shall be indicated.

3. Funds for the equipment and materials shall be available within the following funding Source: Engineering Department O.E.

4. The contract number must be placed on all papers, documents, invoices and vouchers pertaining to said contract, the number being B2022-146.

5. BE IT FURTHER RESOLVED that certified copies of this Resolution shall be made available to the County Auditor, County Department of Purchasing, Department of Finance, Engineering Department and the successful bidders.

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Delivery, A.R.O.	Comments
24	Beam Guide Rail Post with Base Plate, 2' 11" Tall	50	UNIT	\$450.00	\$22,500.00			
25	Beam Guide Rail Anchorage Kit	36	UNIT	\$1,150.00	\$41,400.00			
26	Beam Guide Rail Installation, Off Roadway, Less Than 250 LF	500	LF	\$65.00	\$32,500.00			
27	Beam Guide Rail Installation, Off Roadway, Greater Than 250 LF	5,200	LF	\$55.00	\$286,000.00			
28	Epoxy Adhesive, 1-28 fl oz, Hard Plastic Cartridge, Red Head A7+ Adhesive made by Red Head, As Specified or Equal	30	UNIT	\$50.00	\$1,500.00			
29	Rub Rail 12.5' long (C6x8.2)	140	EA	\$485.00	\$67,900.00			
30	Rub Rail Splice Plate 7 3/4" x 4 1/2" x 3/8"	140	EA	\$25.00	\$3,500.00			
31	Bolt On Butterfly Reflector, One Way	210	EA	\$6.50	\$1,365.00			
32	Bolt On Butterfly Reflector, Two Way	210	EA	\$7.75	\$1,627.50			
33	12.5' W-Beam Rail, Weathering Steel	3,200	LF	\$13.00	\$41,600.00			
34	Weathering Steel Post 6' Long with 4'-2" from Bottom Galvanized	435	UNIT	\$90.00	\$39,150.00			
TOTAL					\$974,252.50			

SECTION II - CONTROLLED RELEASE TERMINAL COMPONENTS

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Delivery, A.R.O.	Comments
35	12' -6" Rail with 8 holes for Anchorage Bracket	60	EA	\$225.00	\$13,500.00			
36	Part #3003 G Cable for CRT Anchorage	60	EA	\$150.00	\$9,000.00			
37	Part #3910 G 1" Hex Nuts	60	EA	\$2.00	\$120.00			

Introduced on: December 7, 2022  
 Adopted: PROPOSAL DOCUMENT REPORT  
 Official Resolution #: 2022001646

Bid No. TBD

BEAM GUIDE RAIL AND TANGENT GUIDE RAIL ELEMENTS

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Delivery, A.R.O.	Comments
✓ 38	30" Diameter Buffer End Sections for CRT Anchorage	60	UNIT	\$150.00	\$9,000.00			
✓ 39	CRT Post 6" x 8" x 6'	80	EA	\$70.00	\$5,600.00			
✓ 40	CRT Line Post 6" x 8" x 6'	80	EA	\$70.00	\$5,600.00			
✓ 41	Wood Block Out 6" x 8" x 1'-2"	72	EA	\$15.00	\$1,080.00			
<b>TOTAL</b>					<b>\$43,900.00</b>			

SECTION III - TANGENT GUIDE RAIL TERMINAL AND COMPONENTS

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Delivery, A.R.O.	Comments
✓ 42	Tangent Guide Rail Terminal SKT-SP, 27 1/4" High Only	40	UNIT	\$2,700.00	\$108,000.00			
✓ 43	Impact Head, Part # S3000	20	EA	\$965.00	\$19,300.00			
✓ 44	First Post, Top (6" x 6" x 1/2" Tube), Part # TPH1A	20	EA	\$150.00	\$3,000.00			
✓ 45	First Post, Bottom (6" x W6 x 15), Part # TPH1B	20	EA	\$350.00	\$7,000.00			
✓ 46	Second Post Assembly Top, Part #HP2A	20	EA	\$125.00	\$2,500.00			
✓ 47	Second Post Assembly Bottom, Part #HP3B	20	EA	\$175.00	\$3,500.00			
✓ 48	Cable Anchor Box, Part #S760	20	EA	\$60.00	\$1,200.00			
✓ 49	BCT Cable Anchor Assembly, Part #E770	20	EA	\$85.00	\$1,700.00			
✓ 50	SKT-SP 350 Hardware Package	20	EA	\$150.00	\$3,000.00			
✓ 51	18" x 18" Object Maker (for Impact Head)	55	EA	\$40.00	\$2,200.00			

Introduced on: ~~December 7, 2022~~  
 Adopted on: ~~December 7, 2022~~  
 Official Resolution # ~~202201416~~

Bid No. TBD

BEAM GUIDE RAIL AND TANGENT GUIDE RAIL ELEMENTS

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Delivery, A.R.O.	Comments
✓ 52	W-Beam Guide Rail End Sect., 12 Gauge, Part #SF1303	20	EA	\$250.00	\$5,000.00			
✓ 53	Bearing Plate, Part #E750	20	EA	\$40.00	\$800.00			
✓ 54	W Beam Terminal Connector	20	EA	\$85.00	\$1,700.00			
✓ 55	Thrie Beam Terminal Connector	20	EA	\$150.00	\$3,000.00			
✓ 56	Thrie Beam To W-Beam Asymmetrical Transition	20	EA	\$275.00	\$5,500.00			
✓ 57	12" x 1'-8 1/4" x 5/8" Terminal Bearing Plate	20	EA	\$85.00	\$1,700.00			
✓ 58	12" x 12" x 5/8" Terminal Bearing Plate	20	EA	\$85.00	\$1,700.00			
✓ 59	Modified Thrie Beam Guide Rail, 12'-6" Long	20	EA	\$225.00	\$4,500.00			
✓ 60	7" x 5" x 3/16" Structural Tube Block Outs	20	EA	\$75.00	\$1,500.00			
✓ 61	Thrie Beam To W-Beam Symmetrical Transition	20	EA	\$275.00	\$5,500.00			
✓ 62	Impact Head, Part# MS3000	40	EA	\$975.00	\$39,000.00			
✓ 63	W-Beam Guide Rail End Section, 12Ga., Part# SF1303	40	EA	\$225.00	\$9,000.00			
✓ 64	First Post Top (6" x 6" x 1/8" Tube), Part# MTPHP1A	40	EA	\$135.00	\$5,400.00			
✓ 65	Bearing Plate, Part# E750	40	EA	\$35.00	\$1,400.00			
✓ 66	Cable Anchor Box, Part# S760	40	EA	\$70.00	\$2,800.00			
✓ 67	BCT Cable Anchor Assembly, Part# E770	40	EA	\$95.00	\$3,800.00			
✓ 68	Strut, Part # MS785	40	EA	\$125.00	\$5,000.00			
✓ 69	Recycled Plastic Block or Equiv., Part# CBSP-14	40	EA	\$10.00	\$400.00			
✓ 70	W-Beam MGS Rail Section (9'-4 1/2"), Part# G12025	40	EA	\$95.00	\$3,800.00			

Introduced on: December 7, 2022  
 Adopted on: December 7, 2022  
 Official Resolution # 20220716

Bid No. TBD

BEAM GUIDE RAIL AND TANGENT GUIDE RAIL ELEMENTS

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Delivery, A.R.O.	Comments
✓ 71	W-Beam MGS Rail Section (12'-6"), Part# G1203A	40	EA	\$105.00	\$4,200.00			
✓ 72	MSKT-SP-MGS Hardware Package	40	EA	\$125.00	\$5,000.00			
✓ 73	Object Marker (For MSKT-SP-MGS Head)	40	EA	\$40.00	\$1,600.00			
✓ 74	First Post Bottom (6' W6x15), Part# MTPHP1B	40	EA	\$320.00	\$12,800.00			
✓ 75	Second Post Assembly Top, Part# UHP2A	40	EA	\$95.00	\$3,800.00			
✓ 76	Second Post Assembly Bottom, Part# HP2B	40	EA	\$160.00	\$6,400.00			
✓ 77	6x9 (6x8.5 Steel Post, Part# P621)	40	EA	\$75.00	\$3,000.00			
✓ 78	Tangent Guide Rail Terminal MSKT-SP-MGS (With 8" Synthetic Blockouts) (Standard Post), 31" high Only	70	UNIT	\$2,700.00	\$189,000.00			
TOTAL					\$478,700.00			

SECTION IV - CRASH CUSHION AND COMPONENTS

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Delivery, A.R.O.	Comments
✓ 79	Quad Guard II 3 Bay System Model# QG28024 W/Tension Strut Backup and Left NJ Shape Transition Panel	2	UNIT	\$29,000.00	\$58,000.00			
✓ 80	604570 Backup Assembly, Tension Strut, 24"	2	UNIT	\$5,500.00	\$11,000.00			
✓ 81	604507 Backup Assembly, Concrete, 24"	2	UNIT	\$2,600.00	\$5,200.00			
✓ 82	611332 Monorail Assembly, 2 Bay	2	UNIT	\$2,500.00	\$5,000.00			
✓ 83	611334 Monorail Assembly, 3 Bay	2	UNIT	\$3,200.00	\$6,400.00			

Introduced on: December 7, 2022  
 Adopted on: December 7, 2022  
 Official Resolution: 2022-0184A

PROPOSAL DOCUMENT REPORT  
 BEAM GUIDE RAIL AND TANGENT GUIDE RAIL ELEMENTS

Bid No. TBD

BEAM GUIDE RAIL AND TANGENT GUIDE RAIL ELEMENTS

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Delivery, A.R.O.	Comments
84	625650 Diaphragm, QB 24, QG,	2	UNIT	\$2,000.00	\$4,000.00			
85	614062G Shim Kit, 1/8x3.5 8x8, G	2	UNIT	\$150.00	\$300.00			
86	608236 Fender Panel Assembly	2	UNIT	\$1,200.00	\$2,400.00			
87	Mushroom Washer Assembly (Includes One: 617045, 116878, 115970, 003300, & 117459)	6	UNIT	\$150.00	\$900.00			
88	611581 Yellow Nose Assembly, QGII, 24", With Decals	2	UNIT	\$1,500.00	\$3,000.00			
89	611963 4" Offset Transition Assembly, Left	2	UNIT	\$2,200.00	\$4,400.00			
90	611967 4" Offset Transition Assembly, Right	2	UNIT	\$2,200.00	\$4,400.00			
91	616108 Quad Beam to W-Beam Transition Assembly	2	UNIT	\$3,000.00	\$6,000.00			
92	616103 Quad Beam To Thrie Beam Transition Assembly	2	UNIT	\$2,700.00	\$5,400.00			
93	Type I Cartridge, Quad Guard II	2	UNIT	\$1,200.00	\$2,400.00			
94	Type II Cartridge, Quad Guard II -	2	UNIT	\$1,200.00	\$2,400.00			
95	Quad Guard M10 3 Bay System Model# QM7024 W/Tension Strut Backup and Left NJ Shape Transition Panel	2	UNIT	\$28,000.00	\$56,000.00			
96	626059 Tension Strut Backup Assembly	2	UNIT	\$5,000.00	\$10,000.00			
97	611334 Monorail Assembly	2	UNIT	\$2,900.00	\$5,800.00			
98	62560 Diaphragm, QB, 24, QG, G	2	UNIT	\$1,875.00	\$3,750.00			
99	614050 12 GA. Shim Kit	2	UNIT	\$125.00	\$250.00			
100	608236 Fender Panel Assembly	2	UNIT	\$1,200.00	\$2,400.00			



Bid No. TBD

BEAM GUIDE RAIL AND TANGENT GUIDE RAIL ELEMENTS

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Delivery, A.R.O.	Comments
✓ 101	Mushroom Washer Assembly ( Includes One: 617045, 116878, 115970, 003300, & 117459)	2	UNIT	\$150.00	\$300.00			
✓ 102	617424 Yellow Nose Assembly, M10, 24", With Decals	2	UNIT	\$1,600.00	\$3,200.00			
✓ 103	QGMTSCUR-TWLR 31" W-Beam Guide Rail Transition	2	UNIT	\$2,600.00	\$5,200.00			
✓ 104	QGMTSCUR-TTLR Thrie Beam Guide Rail Transition	2	UNIT	\$2,700.00	\$5,400.00			
✓ 105	QGMTSCUR-T4 Safety Shape Barrier Transition	2	UNIT	\$2,900.00	\$5,800.00			
✓ 106	606027 Type MI Cartridge	2	UNIT	\$1,200.00	\$2,400.00			
✓ 107	606029 Type MII Cartridge	2	UNIT	\$1,200.00	\$2,400.00			
✓ 108	TAU-II Energy Absorbing Cartridge, Type A – PT#B010802	10	UNIT	\$900.00	\$9,000.00			
✓ 109	TAU-II Energy Absorbing Cartridge, Type B – PT#B010722	10	UNIT	\$900.00	\$9,000.00			
✓ 110	TAU-II Extra Hardware 30" Kit – PT#K001025	10	UNIT	\$325.00	\$3,250.00			
✓ 111	TAU-II Nose Piece Only, Parallel, Black – PT#B010711	10	UNIT	\$1,250.00	\$12,500.00			
✓ 112	TAU-II Nose Piece, Mounting Hardware (Parallel & Wide) – PT#K001003	10	UNIT	\$200.00	\$2,000.00			
✓ 113	TAU-II Sliding Bolt Assembly Kit (4ea.) – PT#K001003	10	UNIT	\$700.00	\$7,000.00			
✓ 114	TAU-II Sliding Panel – PT#B010202	10	UNIT	\$625.00	\$6,250.00			
✓ 115	GREAT SYS Thrie Beam Fender Panel PT#2738111-0000	10	UNIT	\$2,250.00	\$22,500.00			
✓ 116	GREAT SYS Mushroom Bolt Assembly PT#2752013-0000	10	UNIT	\$175.00	\$1,750.00			
✓ 117	GREAT SYS Proof Coil Chain ½" (9 links) PT#2752021-0000	10	UNIT	\$140.00	\$1,400.00			
✓ 118	GREAT SYS Support Leg Assembly (2 required) PT#2714890-0000	10	UNIT	\$175.00	\$1,750.00			

Bid No. TBD

BEAM GUIDE RAIL AND TANGENT GUIDE RAIL ELEMENTS

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Delivery, A.R.O.	Comments
✓ 119	GREAT SYS Diaphragm – 2’0” PT#3519061-0000	10	UNIT	\$3,300.00	\$33,000.00			
✓ 120	GREAT SYS Diaphragm – 2’6” PT#3519062-0000	10	UNIT	\$3,600.00	\$36,000.00			
✓ 121	GREAT SYS Diaphragm – 3’-0” PT#3519063-0000	10	UNIT	\$3,800.00	\$38,000.00			
✓ 122	GREAT SYS Nose Assembly Includes Support Legs, Tabs, and Hardware PT#3502080-0100	10	UNIT	\$2,000.00	\$20,000.00			
✓ 123	GREAT SYS Hex-Foam Cartridge, Type 51 One Size Only PT#3509510-0000	10	UNIT	\$2,200.00	\$22,000.00			
TOTAL					\$449,500.00			

SECTION V - BRIDGE ATTACHMENTS

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Delivery, A.R.O.	Comments
✓ 124	THRIE BEAM TO W-BEAM ASYMMETRICAL TRANSITION SECTION – RIGHT SIDE APPROACH	10	UNIT	\$350.00	\$3,500.00			
✓ 125	THRIE BEAM TO W-BEAM ASYMMETRICAL TRANSITION SECTION – LEFT SIDE APPROACH	10	UNIT	\$350.00	\$3,500.00			
✓ 126	THRIE BEAM TO W-BEAM SYMMETRICAL TRANSITION SECTION	10	UNIT	\$350.00	\$3,500.00			
✓ 127	THRIE BEAM SECTION FOR TL-3 BRIDGE ATTACHMENTS	10	UNIT	\$225.00	\$2,250.00			
✓ 128	THRIE BEAM SECTION FOR TL-2 BRIGE ATTACHMENTS	10	UNIT	\$200.00	\$2,000.00			
✓ 129	AASHTO M180, CLASS A, TYPE I W – THRIE BEAM TRANSITION SECTION	10	UNIT	\$300.00	\$3,000.00			
✓ 130	6”x 8”x 22” Blockout TL-2 Attachments	10	UNIT	\$20.00	\$200.00			
TOTAL					\$17,950.00			

Introduced on: December 7, 2022  
 Adopted on: December 7, 2022  
 Official Resolution: 2022-04-06

BEAM GUIDE RAIL AND TANGENT GUIDE RAIL ELEMENTS

PROPOSAL DOCUMENT REPORT

Bid No. TBD

BEAM GUIDE RAIL AND TANGENT GUIDE RAIL ELEMENTS

**9. Acknowledgement of Submission of Forms from Current Bid Package\***

Bidders shall complete all documents and acknowledge all terms included with the bid package. All documents should be from this bid package as forms change frequently and the most updated forms are provided in this specification. The forms must not be dated or executed prior to the date of advertising. Failure to follow these instructions is cause for rejection.

Confirmed

**10. Submission of Bid Package\***

By submitting a response to this solicitation, the Vendor understands and acknowledges that all required documents to this solicitation must be submitted and that failure to do so may be cause for rejection.

Bidder also understands that only one (1) bid submission shall be considered. Please DO NOT Submit a manual bid response. Submitting a manual response in addition to the electronic response is cause for rejection of your bid.

Confirmed

**PRICE TABLES**

**SECTION I**

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Delivery, A.R.O.	Comments
✓ 1	Controlled Release Terminal Anchorage Kit	27	UNIT	\$1,875.00	\$50,625.00			
✓ 2	3/4" Dia. Post Bolts 1 1/2" Long with Splice Bolt Nut	3,500	UNIT	\$1.00	\$3,500.00			
✓ 3	Splice Bolts, 3/8" Ø, 1 1/4" Long with Nut	8,000	UNIT	\$1.50	\$12,000.00			
✓ 4	3/4" Dia. Button Head Bolt 9.5" Long with Washer and Nut	525	EA	\$2.50	\$1,312.50			
✓ 5	3/4" Dia. Button Head Bolt 18" Long with Washer and Nut	150	EA	\$3.00	\$450.00			

PROPOSAL DOCUMENT REPORT

Bid No. TBD

BEAM GUIDE RAIL AND TANGENT GUIDE RAIL ELEMENTS

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Delivery, A.R.O.	Comments
6	3/8" Dia. Carriage Bolt 1 1/2" Long with 2 Washers and Nut	200	EA	\$2.25	\$450.00			
7	3/8" Dia. Carriage Bolt 3" Long with 2 Washers and Nut	200	EA	\$2.50	\$500.00			
8	3/8" Dia. x 2" Long Button Head Splice Bolt with 2 Washers and Nut	200	EA	\$2.75	\$550.00			
9	11/16" Rectangular Steel Washers with Elliptical Slotted Hole (1")	2,000	UNIT	\$2.65	\$5,300.00			
10	12.5' W-Beam Rail	10,000	LF	\$9.95	\$99,500.00			
11	12.5' Long W-Beam Curved Convex R=16'	30	EA	\$195.00	\$5,850.00			
12	12.5' Long W-Beam Curved Convex R=24'	30	EA	\$175.00	\$5,250.00			
13	12.5' Long W-Beam Curved Convex R=36'	30	EA	\$175.00	\$5,250.00			
14a	Galvanized Steel Rail Elements, Additional Holes for Stiffening (See Sketch)	70	UNIT	\$185.00	\$12,950.00			
14b	Galvanized Steel Rail Elements, Additional Holes for Stiffening (See Sketch)	70	UNIT	\$185.00	\$12,950.00			
15	W6" at 8.5# or 9# Galvanized Steel Posts 6' Long	1,000	UNIT	\$75.00	\$75,000.00			
16	Galvanized End Sections (Rounded w/ 6 1/4" Radius)	68	UNIT	\$84.00	\$5,712.00			
17	Guide Rail Element, Galvanized 12.5' Effective Length, Curved Convex (See Sketch)	100	PC	\$200.00	\$20,000.00			
18	Guide Rail Elements, Galvanized 12.5' Effective Length, Curved Concave (See Sketch)	100	PC	\$200.00	\$20,000.00			
19	King Blocks with Nuts and Bolts	1,500	UNIT	\$9.00	\$13,500.00			
20	Beam Guide Rail Post, 7' Long	50	UNIT	\$90.00	\$4,500.00			
21	Beam Guide Rail Post, 8' Long	51	UNIT	\$110.00	\$5,610.00			
22	Beam Guide Rail Post, 9' Long	50	UNIT	\$125.00	\$6,250.00			
23	Beam Guide Rail Post with Base Plate, 2' - 8" Tall	50	UNIT	\$365.00	\$18,250.00			

Introduced on: December 7, 2022  
 Adopted on: December 7, 2022  
 Official Resolution # 2022-046  
 PROPOSAL DOCUMENT REPORT  
 BEAM GUIDE RAIL AND TANGENT GUIDE RAIL ELEMENTS

Bid No. TBD

BEAM GUIDE RAIL AND TANGENT GUIDE RAIL ELEMENTS

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Delivery, A.R.O.	Comments
✓ 24	Beam Guide Rail Post with Base Plate, 2' 11" Tall	50	UNIT	\$350.00	\$17,500.00			
✓ 25	Beam Guide Rail Anchorage Kit	36	UNIT	\$180.00	\$6,480.00			
✓ 26	Beam Guide Rail Installation, Off Roadway, Less Than 250 LF	500	LF	\$35.00	\$17,500.00			
✓ 27	Beam Guide Rail Installation, Off Roadway, Greater Than 250 LF	5,200	LF	\$30.00	\$156,000.00			
✓ 28	Epoxy Adhesive, 1-28 fl oz, Hard Plastic Cartridge, Red Head A7+ Adhesive made by Red Head, As Specified or Equal	30	UNIT	\$75.00	\$2,250.00			
✓ 29	Rub Rail 12.5' long (C6x8.2)	140	EA	\$230.00	\$32,200.00			
✓ 30	Rub Rail Splice Plate 7 3/4" x 4 1/2" x 3/8"	140	EA	\$80.00	\$11,200.00			
✓ 31	Bolt On Butterfly Reflector, One Way	210	EA	\$7.50	\$1,575.00			
✓ 32	Bolt On Butterfly Reflector, Two Way	210	EA	\$8.50	\$1,785.00			
✓ 33	12.5' W-Beam Rail, Weathering Steel	3,200	LF	\$15.00	\$48,000.00			
✓ 34	Weathering Steel Post 6' Long with 4'-2" from Bottom Galvanized	435	UNIT	\$119.00	\$51,765.00			
<b>TOTAL</b>					<b>\$731,514.50</b>			

SECTION II - CONTROLLED RELEASE TERMINAL COMPONENTS

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	No Bid	Delivery, A.R.O.	Comments
35	12' -6" Rail with 8 holes for Anchorage Bracket	60	EA	No Bid	No Bid	X		
36	Part #3003 G Cable for CRT Anchorage	60	EA	No Bid	No Bid	X		
37	Part #3910 G 1" Hex Nuts	60	EA	No Bid	No Bid	X		