

**BID TABULATION 15-
21MAR13 - Guard Rail New
Installation and Repair Term
and Supply**

Item #	Collins & Hermann			James H Drew Corporation		
	Description	Qty	Unit Price	Description	Qty	Unit Price
4.11.1.	Mobilization-Each Work Order	1	\$3,250.00	Mobilization-Each Work Order	1	\$475.00
Type A Guardrail						
4.11.2.	12.5 Foot Beam	1	\$50.00	12.5 Foot Beam	1	\$95.00
4.11.3.	Repair - Remove and Replace 12.5 Foot Beam	1	\$50.00	Repair - Remove and Replace 12.5 Foot Beam	1	\$135.00
4.11.4.	New Installation - 12.5 Foot Radius Beam, Concave or Convex	1	\$85.00	New Installation - 12.5 Foot Radius Beam, Concave or Convex	1	\$185.00
4.11.5.	Repair - Remove and Replace 12.5 Foot Radius Beam, Concave or Convex	1	\$85.00	Repair - Remove and Replace 12.5 Foot Radius Beam, Concave or Convex	1	\$225.00
4.11.6.	New Installation - 6-foot Steel Post	1	\$35.00	New Installation - 6-foot Steel Post	1	\$50.00
4.11.7.	Repair - Remove and Replace 6-foot Steel Post	1	\$35.00	Repair - Remove and Replace 6-foot Steel Post	1	\$75.00
4.11.8.	New Installation - 9-foot Steel Post	1	\$50.00	New Installation - 9-foot Steel Post	1	\$73.00
4.11.9.	Repair - Remove and Replace 9-foot Steel Post	1	\$50.00	Repair - Remove and Replace 9-foot Steel Post	1	\$100.00
4.11.10.	New Installation - 6-foot Wood Post	1	\$35.00	New Installation - 6-foot Wood Post	1	\$75.00
4.11.11.	Repair - Remove and Replace 6-foot Wood Post	1	\$35.00	Repair - Remove and Replace 6-foot Wood Post	1	\$95.00
4.11.12.	Repair - Realign and Use Existing Post	1	\$0.00	Repair - Realign and Use Existing Post	1	\$14.00
4.11.13.	New Installation - 8-inch x 6-inch x 14-inch Wood Block	1	\$6.00	New Installation - 8-inch x 6-inch x 14-inch Wood Block	1	\$16.00
4.11.14.	Repair - Remove and Replace 8-inch x 6-inch x 14-inch Wood Block	1	\$6.00	Repair - Remove and Replace 8-inch x 6-inch x 14-inch Wood Block	1	\$20.00

4.11.15.	New Installation – End Section	1	\$20.00	New Installation – End Section	1	\$40.00
4.11.16.	Repair - Remove and Replace End Section	1	\$20.00	Repair - Remove and Replace End Section	1	\$45.00
4.11.17.	New Installation – Terminal Connector	1	\$50.00	New Installation – Terminal Connector	1	\$60.00
4.11.18.	Repair - Remove and Replace Terminal Connector	1	\$50.00	Repair - Remove and Replace Terminal Connector	1	\$80.00
4.11.19.	New Installation – Install Post in Solid Rock or Through Concrete	1	\$125.00	New Installation – Install Post in Solid Rock or Through Concrete	1	\$120.00
4.11.20.	Repair - Install Post in Solid Rock or Through Concrete	1	\$125.00	Repair - Install Post in Solid Rock or Through Concrete	1	\$155.00

Type E Guardrail

4.11.21.	New Installation – 12.5-foot Thrie Beam Rail	1	\$80.00	New Installation – 12.5-foot Thrie Beam Rail	1	\$148.00
4.11.22.	Repair - Remove and Replace 12.5-foot Thrie Beam Rail	1	\$80.00	Repair - Remove and Replace 12.5-foot Thrie Beam Rail	1	\$168.00
4.11.23.	New Installation – 6-foot Steel Post	1	\$35.00	New Installation – 6-foot Steel Post	1	\$50.00
4.11.24.	Repair - Remove and Replace 6-foot Steel Post	1	\$35.00	Repair - Remove and Replace 6-foot Steel Post	1	\$75.00
4.11.25.	New Installation – 9-foot Steel Post	1	\$50.00	New Installation – 9-foot Steel Post	1	\$73.00
4.11.26.	Repair - Remove and Replace 9-foot Steel Post	1	\$50.00	Repair - Remove and Replace 9-foot Steel Post	1	\$100.00
4.11.27.	New Installation – 6-foot Wood Post	1	\$35.00	New Installation – 6-foot Wood Post	1	\$75.00
4.11.28.	Repair - Remove and Replace 6-foot Wood Post	1	\$35.00	Repair - Remove and Replace 6-foot Wood Post	1	\$95.00
4.11.29.	Repair - Realign and Use Existing Post	1	\$0.00	Repair - Realign and Use Existing Post	1	\$14.00
4.11.30.	New Installation – 8-inch x 6-inch x 21-inch Wood Block	1	\$10.00	New Installation – 8-inch x 6-inch x 21-inch Wood Block	1	\$25.00
4.11.31.	Repair - Remove and Replace 8-inch x 6-inch x 21-inch Wood Block	1	\$10.00	Repair - Remove and Replace 8-inch x 6-inch x 21-inch Wood Block	1	\$30.00

Type E Guardrail (continued)

4.11.32.	New Installation – Thrie Beam Terminal Connector	1	\$40.00	New Installation – Thrie Beam Terminal Connector	1	\$85.00
4.11.33.	Repair - Remove and Replace Thrie Beam Terminal Connector	1	\$40.00	Repair - Remove and Replace Thrie Beam Terminal Connector	1	\$95.00
4.11.34.	New Installation – Install Post in Solid Rock or Through Concrete	1	\$125.00	New Installation – Install Post in Solid Rock or Through Concrete	1	\$120.00
4.11.35.	Repair - Install Post in Solid Rock or Through Concrete	1	\$125.00	Repair - Install Post in Solid Rock or Through Concrete	1	\$155.00

End Terminal

4.11.36.	New Installation – Type A Crashworthy End Terminal	1	\$1,800.00	New Installation – Type A Crashworthy End Terminal	1	\$2,200.00
4.11.37.	Repair - Remove and Replace Type A Crashworthy End Terminal	1	\$1,800.00	Repair - Remove and Replace Type A Crashworthy End Terminal	1	\$2,375.00
4.11.38.	New Installation – Type A Flared Crashworthy End Terminal	1	\$1,800.00	New Installation – Type A Flared Crashworthy End Terminal	1	\$2,150.00
4.11.39.	Repair - Remove and Replace Type A Flared Crashworthy End Terminal	1	\$1,800.00	Repair - Remove and Replace Type A Flared Crashworthy End Terminal	1	\$2,300.00
4.11.40.	New Installation – Type B Crashworthy End Terminal	1	\$2,495.00	New Installation – Type B Crashworthy End Terminal	1	\$4,030.00
4.11.41.	Repair - Remove and Replace Type B Crashworthy End Terminal	1	\$2,495.00	Repair - Remove and Replace Type B Crashworthy End Terminal	1	\$4,200.00
4.11.42.	New Installation – Type C Crashworthy End Terminal	1	\$20,000.00	New Installation – Type C Crashworthy End Terminal	1	\$14,000.00
4.11.43.	Repair - Remove and Replace Type C Crashworthy End Terminal	1	\$13,000.00	Repair - Remove and Replace Type C Crashworthy End Terminal	1	\$14,685.00
4.11.44.	Repair - Miscellaneous Type B or C Terminal Removal	1	\$250.00	Repair - Miscellaneous Type B or C Terminal Removal	1	\$1,850.00
4.11.45.	New Installation – Type W Beam End Section	1	\$20.00	New Installation – Type W Beam End Section	1	\$40.00

4.11.46.	Repair - Remove and Replace Type W Beam End Section	1	\$20.00	Repair - Remove and Replace Type W Beam End Section	1	\$45.00
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Anchor						
4.11.47.	New Installation – End Anchor	1	\$410.00	New Installation – End Anchor	1	\$775.00
4.11.48.	Repair - Remove and Replace End Anchor	1	\$410.00	Repair - Remove and Replace End Anchor	1	\$845.00
4.11.49.	New Installation – Embedded Guardrail Anchor	1	\$1,200.00	New Installation – Embedded Guardrail Anchor	1	\$1,390.00
4.11.50.	Repair - Remove and Replace Embedded Guardrail Anchor	1	\$1,200.00	Repair - Remove and Replace Embedded Guardrail Anchor	1	\$1,565.00
4.11.51.	New Installation – Rock Face Guardrail Anchor	1	\$500.00	New Installation – Rock Face Guardrail Anchor	1	\$670.00
4.11.52.	Repair - Remove and Replace Rock Face Guardrail Anchor	1	\$500.00	Repair - Remove and Replace Rock Face Guardrail Anchor	1	\$820.00
4.11.53.	New Installation – Thrie Beam Bridge Anchor Section	1	\$800.00	New Installation – Thrie Beam Bridge Anchor Section	1	\$1,615.00
4.11.54.	Repair - Remove and Replace Thrie Beam Bridge Anchor Section	1	\$800.00	Repair - Remove and Replace Thrie Beam Bridge Anchor Section	1	\$1,760.00
Transition Section						
4.11.55.	New Installation – Transition Section	1	\$150.00	New Installation – Transition Section	1	\$370.00
4.11.56.	Repair - Remove and Replace Transition Section	1	\$150.00	Repair - Remove and Replace Transition Section	1	\$450.00
4.11.57.	New Installation – 6-foot Post	1	\$35.00	New Installation – 6-foot Post	1	\$53.00
4.11.58.	Repair - Remove and Replace 6-foot Post	1	\$35.00	Repair - Remove and Replace 6-foot Post	1	\$78.00
4.11.59.	New Installation – 9-foot Post	1	\$50.00	New Installation – 9-foot Post	1	\$73.00
4.11.60.	Repair - Remove and Replace 9-foot Post	1	\$50.00	Repair - Remove and Replace 9-foot Post	1	\$100.00

ET 2000

4.11.61.	New Installation – 6-inch x 8-inch x 72-inch Wood Post 1-4	1	\$35.00	New Installation – 6-inch x 8-inch x 72-inch Wood Post 1-4	1	\$70.00
4.11.62.	Repair - Remove and Replace 6-inch x 8-inch x 72-inch Wood Post 1-4	1	\$35.00	Repair - Remove and Replace 6-inch x 8-inch x 72-inch Wood Post 1-4	1	\$90.00
4.11.63.	New Installation – 6-inch x 8-inch x 72-inch Wood Post 5-8	1	\$35.00	New Installation – 6-inch x 8-inch x 72-inch Wood Post 5-8	1	\$75.00
4.11.64.	Repair - Remove and Replace 6-inch x 8-inch x 72-inch Wood Post 5-8	1	\$35.00	Repair - Remove and Replace 6-inch x 8-inch x 72-inch Wood Post 5-8	1	\$95.00
4.11.65.	New Installation – 6-inch x 8-inch x 14-inch Wood Block	1	\$6.00	New Installation – 6-inch x 8-inch x 14-inch Wood Block	1	\$18.50
4.11.66.	Repair - Remove and Replace 6-inch x 8-inch x 14-inch Wood Block	1	\$6.00	Repair - Remove and Replace 6-inch x 8-inch x 14-inch Wood Block	1	\$22.50
4.11.67.	New Installation – 25-foot Deep Beam Rail	1	\$350.00	New Installation – 25-foot Deep Beam Rail	1	\$180.00
4.11.68.	Repair - Remove and Replace 25-foot Deep Beam Rail	1	\$350.00	Repair - Remove and Replace 25-foot Deep Beam Rail	1	\$220.00
4.11.69.	New Installation – Steel Foundation Tube with Soil Plate	1	\$110.00	New Installation – Steel Foundation Tube with Soil Plate	1	\$200.00
4.11.70.	Repair - Remove and Replace Steel Foundation Tube with Soil Plate	1	\$110.00	Repair - Remove and Replace Steel Foundation Tube with Soil Plate	1	\$240.00
4.11.71.	New Installation – 25-foot Deep Beam Rail Punched for Extruder	1	350.00	New Installation – 25-foot Deep Beam Rail Punched for Extruder	1	\$285.00
4.11.72.	Repair - Remove and Replace 25-foot Deep Beam Rail Punched for Extruder	1	350.00	Repair - Remove and Replace 25-foot Deep Beam Rail Punched for Extruder	1	\$325.00
4.11.73.	New Installation – New Guardrail Extruder	1	550.00	New Installation – New Guardrail Extruder	1	\$665.00
4.11.74.	Repair - Remove and Replace with a New Guardrail Extruder	1	550.00	Repair - Remove and Replace with a New Guardrail Extruder	1	\$705.00
4.11.75.	Repair - Remove and Replace with a Used Guardrail Extruder	1	100.00	Repair - Remove and Replace with a Used Guardrail Extruder	1	\$135.00

4.11.76.	New Installation – Offset Strut	1	40.00	New Installation – Offset Strut	1	\$72.00
4.11.77.	Repair - Remove and Replace Offset Strut	1	40.00	Repair - Remove and Replace Offset Strut	1	\$92.00
4.11.78.	New Installation – Cable Assembly including Pipe Sleeve, Bearing Plate, and Cable Anchor	1	210.00	New Installation – Cable Assembly including Pipe Sleeve, Bearing Plate, and Cable Anchor	1	\$155.00
4.11.79.	Repair - Remove and Replace Cable Assembly including Pipe Sleeve, Bearing Plate, and Cable Anchor	1	210.00	Repair - Remove and Replace Cable Assembly including Pipe Sleeve, Bearing Plate, and Cable Anchor	1	\$175.00
BEST						
4.11.80.	New Installation – 6- inch x 8-inch x 45- inch Wood Post 1-2	1	\$30.00	New Installation – 6- inch x 8-inch x 45- inch Wood Post 1-2	1	\$110.00
4.11.81.	Repair - Remove and Replace 6-inch x 8- inch x 45-inch Wood Post 1-2	1	\$30.00	Repair - Remove and Replace 6-inch x 8- inch x 45-inch Wood Post 1-2	1	\$150.00
4.11.82.	New Installation – 6- inch x 8-inch x 72- inch Wood Post 3-7	1	\$40.00	New Installation – 6- inch x 8-inch x 72- inch Wood Post 3-7	1	\$75.00
4.11.83.	Repair - Remove and Replace 6-inch x 8- inch x 72-inch Wood Post 3-7	1	\$40.00	Repair - Remove and Replace 6-inch x 8- inch x 72-inch Wood Post 3-7	1	\$95.00
4.11.84.	New Installation – 6- inch x 8-inch x 14- inch Wood Block	1	\$6.00	New Installation – 6- inch x 8-inch x 14- inch Wood Block	1	\$18.50
4.11.85.	Repair - Remove and Replace 6-inch x 8- inch x 14-inch Wood Block	1	\$6.00	Repair - Remove and Replace 6-inch x 8- inch x 14-inch Wood Block	1	\$22.50
4.11.86.	New Installation – 25-foot Deep Beam Rail	1	\$350.00	New Installation – 25-foot Deep Beam Rail	1	\$180.00
4.11.87.	Repair - Remove and Replace 25-foot Deep Beam Rail	1	\$350.00	Repair - Remove and Replace 25-foot Deep Beam Rail	1	\$220.00

BEST (continued)

4.11.88.	New Installation – 25-foot Deep Beam Rail Punched for Extruder	1	\$350.00	New Installation – 25-foot Deep Beam Rail Punched for Extruder	1	\$245.00
4.11.89.	Repair - Remove and Replace 25-foot Deep Beam Rail Punched for Extruder	1	\$350.00	Repair - Remove and Replace 25-foot Deep Beam Rail Punched for Extruder	1	\$285.00
4.11.90.	New Installation – Impact Head	1	\$550.00	New Installation – Impact Head	1	\$875.00
4.11.91.	Repair - Remove and Replace a new Impact Head	1	\$550.00	Repair - Remove and Replace a new Impact Head	1	\$915.00
4.11.92.	New Installation – Groundline Strut	1	\$40.00	New Installation – Groundline Strut	1	\$90.00
4.11.93.	Repair - Remove and Replace Groundline Strut	1	\$40.00	Repair - Remove and Replace Groundline Strut	1	\$110.00
4.11.94.	New Installation – Cable Assembly including Pipe Sleeve, Bearing Plate, and Cable Anchor	1	\$210.00	New Installation – Cable Assembly including Pipe Sleeve, Bearing Plate, and Cable Anchor	1	\$540.00
4.11.95.	Repair - Remove and Replace Cable Assembly including Pipe Sleeve, Bearing Plate, and Cable Anchor	1	\$210.00	Repair - Remove and Replace Cable Assembly including Pipe Sleeve, Bearing Plate, and Cable Anchor	1	\$560.00
4.11.96.	New Installation – Steel Foundation Tube with Soil Plate	1	\$110.00	New Installation – Steel Foundation Tube with Soil Plate	1	\$200.00
4.11.97.	Repair - Remove and Replace Steel Foundation Tube with Soil Plate	1	\$110.00	Repair - Remove and Replace Steel Foundation Tube with Soil Plate	1	\$240.00
Miscellaneous						
4.11.98.	New Installation – Object Marker (OM12-1V)	1	\$50.00	New Installation – Object Marker (OM12-1V)	1	\$24.00
4.11.99.	Repair - Remove and Replace Object Marker (OM12-1V)	1	\$50.00	Repair - Remove and Replace Object Marker (OM12-1V)	1	\$24.00

SRT-350

4.11.100.	New Installation – 6-inch x 8-inch x 45-inch Wood Post 1-2	1	\$30.00	New Installation – 6-inch x 8-inch x 45-inch Wood Post 1-2	1	\$110.00
4.11.101.	Repair - Remove and Replace 6-inch x 8-inch x 45-inch Wood Post 1-2	1	\$30.00	Repair - Remove and Replace 6-inch x 8-inch x 45-inch Wood Post 1-2	1	\$150.00
4.11.102.	New Installation – 6-inch x 8-inch x 72-inch Wood Post 3-9	1	\$35.00	New Installation – 6-inch x 8-inch x 72-inch Wood Post 3-9	1	\$75.00
4.11.103.	Repair - Remove and Replace 6-inch x 8-inch x 72-inch Wood Post 3-9	1	\$35.00	Repair - Remove and Replace 6-inch x 8-inch x 72-inch Wood Post 3-9	1	\$95.00
4.11.104.	New Installation – 6-inch x 8-inch x 14-inch Wood Block	1	\$6.00	New Installation – 6-inch x 8-inch x 14-inch Wood Block	1	\$18.50
4.11.105.	Repair - Remove and Replace 6-inch x 8-inch x 14-inch Wood Block	1	\$6.00	Repair - Remove and Replace 6-inch x 8-inch x 14-inch Wood Block	1	\$22.50
4.11.106.	New Installation – Strut Assembly	1	\$40.00	New Installation – Strut Assembly	1	\$90.00
4.11.107.	Repair - Remove and Replace Strut Assembly	1	\$40.00	Repair - Remove and Replace Strut Assembly	1	\$110.00
4.11.108.	New Installation – First Slotted 12.5-foot Guardrail Panel	1	\$100.00	New Installation – First Slotted 12.5-foot Guardrail Panel	1	\$150.00
4.11.109.	Repair - Remove and Replace First Slotted 12.5-foot Guardrail Panel	1	\$100.00	Repair - Remove and Replace First Slotted 12.5-foot Guardrail Panel	1	\$190.00
4.11.110.	New Installation – Second Slotted 12.5-foot Guardrail Panel	1	\$100.00	New Installation – Second Slotted 12.5-foot Guardrail Panel	1	\$140.00
4.11.111.	Repair - Remove and Replace Second Slotted 12.5-foot Guardrail Panel	1	\$100.00	Repair - Remove and Replace Second Slotted 12.5-foot Guardrail Panel	1	\$180.00
4.11.112.	New Installation – Barrier End Nose Piece	1	\$50.00	New Installation – Barrier End Nose Piece	1	\$130.00
4.11.113.	Repair - Remove and Replace Barrier End Nose Piece	1	\$50.00	Repair - Remove and Replace Barrier End Nose Piece	1	\$164.00
4.11.114.	New Installation – Steel Foundation Tube with Soil Plate	1	\$110.00	New Installation – Steel Foundation Tube with Soil Plate	1	\$200.00

SRT-350 (continued)

4.11.115.	Repair - Remove and Replace Steel Foundation Tube with Soil Plate	1	\$110.00	Repair - Remove and Replace Steel Foundation Tube with Soil Plate	1	\$240.00
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Terminal End Marker

4.11.116.	New Installation – Type III Black and Yellow Object Marker on End Terminal	1	\$50.00	New Installation – Type III Black and Yellow Object Marker on End Terminal	1	\$33.00
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4.11.117.	Repair - Install Type III Black and Yellow Object Marker on End Terminal	1	\$50.00	Repair - Install Type III Black and Yellow Object Marker on End Terminal	1	\$33.00
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Grand Total			\$64,668.00			\$72,810.00
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Experience Sheet			Y			Y
1st Renewal Period Increase			4%			2%
2nd Renewal Period Increase			5%			4%
Coop?			Y			Y