

HARRISON ENGINEERING DEPARTMENT

Town/Village of Harrison
Alfred F. Sulla, Jr. Municipal Building
1 Heineman Place
Harrison, New York 10528

Michael J. Amodeo, P.E., CFM
Town/Village Engineer



August 16, 2023

Mayor Richard Dionisio and
Members of the Village Board
Town of Harrison
1 Heineman Place
Harrison, New York 10528

V-E-4

**Re: Grant Street Drainage Project
Stormwater Drainage Repair**

Dear Mayor Dionisio and Members of the Village Board:

Village Board authorization is requested to hire ELQ Industries, Inc. for repairs to the storm drain pipe along Grant Street located near the intersection of Columbus Avenue, at a cost not to exceed \$55,000.00.

ELQ Industries, Inc. was awarded the Job Order Contracting (JOC) Services Contract for Region 1, for Paving and Excavating under the Gordian eziQC – City of White Plains contract #903198.

The scope of services is detailed in the attached proposal.

Funding for this contract is available in the Capital Account # 23HW03.

Further, authorization is requested for the Purchasing Department to issue a Purchase Order payable to ELQ Industries, Inc. at an amount not to exceed \$55,000.00.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael J. Amodeo".

Michael J. Amodeo, PE, CFM
Town/Village Engineer

MJA/mep

Attachments



Job Order Contract

Contractor's Price Proposal Summary- Category

Work Order #: 120320.00
Title Harrison Grant St Drainage
Contractor: 903198 - ELQ Industries
Proposal Value: \$51,312.77
Proposal Name: Harrison Grant St Drainage

To: Michael Amodeo
Town Engineer
Town of Harrison
1 Heineman Place
Harrison, NY 10528

From: Tony Silva
Chief Estimator
ELQ Industries
567 5th Ave
New Rochelle, NY 10801

Backfill:	\$ 9502.17
Erosion Control:	\$ 183.52
Excavation:	\$ 13345.83
Mobilization:	\$ 1111.57
MPT:	\$ 9564.66
Pipe:	\$ 8804.95
Restoration:	\$ 8800.07
Work Order Proposal Total	\$51312.77

This work order proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals.



Job Order Contract

Contractor's Price Proposal Detail- Category

Work Order #: 120320.00
 Title: Harrison Grant St Drainage
 Contractor: 903198 - ELQ Industries
 Proposal Value: \$51,312.77
 Proposal Name: Harrison Grant St Drainage

CSI Number	Mod.	UOM	Description	Line Total
Backfill				
1	31 05 16 00-0011	TON	Crushed Stone (Size 2) (703-0201DM)	\$1440.26
		Quantity	Unit Price	Factor
		43.73	\$22.56	1.4599
		x	x	=
				Total
				\$1,440.26
		User Note: Pipe Bedding/Ramp		
2	31 23 16 13-0010	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine	\$142.87
		Quantity	Unit Price	Factor
		29.30	\$3.34	1.4599
		x	x	=
				Total
				\$142.87
		User Note: Pipe Bedding/Ramp		
3	31 23 16 13-0010	0049	CY For >20 To 50, Add	\$71.43
		Quantity	Unit Price	Factor
		29.30	\$1.67	1.4599
		x	x	=
				Total
				\$71.43
4	31 23 23 33-0002	CY	Flowable Cement Backfill for Trenches	\$6193.16
		Quantity	Unit Price	Factor
		25.50	\$166.36	1.4599
		x	x	=
				Total
				\$6,193.16
5	31 23 23 33-0002	0064	CY For >20 To 50, Add	\$1553.13
		Quantity	Unit Price	Factor
		25.50	\$41.72	1.4599
		x	x	=
				Total
				\$1,553.13
6	31 24 13 00-0022	SY	Compaction Of Fill Or Subbase For Roadways, Parking Areas, Landscaping And Embankments By Machine Per Lift	\$50.66
		Quantity	Unit Price	Factor
		57.83	\$0.60	1.4599
		x	x	=
				Total
				\$50.66
		User Note: Includes Ramp		
7	31 24 13 00-0022	0090	SY For Up To 250, Add	\$50.66
		Quantity	Unit Price	Factor
		57.83	\$0.60	1.4599
		x	x	=
				Total
				\$50.66

Subtotal for Backfill: \$9502.17

Erosion Control

8	01 57 23 00-0002	EA	36" x 48" x 18" Non-Woven Polypropylene Trash and Debris Drain Guard (Ultra-Drain Guard® 9227)	\$108.19
		Quantity	Unit Price	Factor
		1.00	\$74.11	1.4599
		x	x	=
				Total
				\$108.19
9	31 25 14 26-0017	LF	Place Sterilized Straw Bales includes securing in ground with stakes.	\$75.33
		Quantity	Unit Price	Factor
		12.00	\$4.30	1.4599
		x	x	=
				Total
				\$75.33



Contractor's Price Proposal Detail- Category Continued..

Work Order #: 120320.00
Title Harrison Grant St Drainage

CSI Number	Mod.	UOM	Description	Line Total
Subtotal for Erosion Control:				\$183.52
Excavation				
10	01 74 19 00-0032	CY	Mixed Asphalt, Concrete, Gravel And Subgrade Material, Landfill Dump Fee	\$6277.20
		Installation	Quantity 62.56 x Unit Price \$68.73 x Factor 1.4599 = Total \$6,277.20	
11	01 74 19 00-0035	CYM	Hauling On Paved Roads, First 15 Miles	\$1516.85
		Installation	Quantity 1,082.30 x Unit Price \$0.96 x Factor 1.4599 = Total \$1,516.85	
User Note: 17.3 Miles to Portman Road NR (287/95) 17.3x62.56=1082.3				
12	01 74 19 00-0036	CYM	Hauling On Paved Roads, Miles Over Initial 15 Miles	\$134.44
		Installation	Quantity 143.89 x Unit Price \$0.64 x Factor 1.4599 = Total \$134.44	
User Note: 17.3 Miles to Portman Road NR (287/95) 2.3x62.56=143.89				
13	02 32 13 00-0021	CY	Excavation For Test Pit, Heavy Soil, Hand Excavation	\$2295.75
		Installation	Quantity 4.74 x Unit Price \$331.76 x Factor 1.4599 = Total \$2,295.75	
User Note: Two Test Pits to Locate Gas Main 4'x4'x4' Deep=2.37x2=4.74 CY				
14	02 41 13 13-0020	SY	>3" To 6" By Machine, Break-up And Remove Bituminous Paving	\$1253.94
		Installation	Quantity 54.50 x Unit Price \$15.76 x Factor 1.4599 = Total \$1,253.94	
User Note: 140x3.5/9=54.5				
15	02 41 19 13-0015	EA	Saw Cut Minimum ChargeFor projects where the total saw cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	\$1196.36
		Installation	Quantity 1.00 x Unit Price \$819.48 x Factor 1.4599 = Total \$1,196.36	
16	31 23 16 13-0003	CY	Over 12" Wide, Excavation for Trenching by Machine in Soil	\$537.03
		Installation	Quantity 62.56 x Unit Price \$5.88 x Factor 1.4599 = Total \$537.03	
17	31 23 16 13-0003	0045 CY	For >50 To 250, Add	\$134.26
		Installation	Quantity 62.56 x Unit Price \$1.47 x Factor 1.4599 = Total \$134.26	
Subtotal for Excavation:				\$13345.83
Mobilization				



Contractor's Price Proposal Detail- Category Continued..

Work Order #: 120320.00
Title Harrison Grant St Drainage

CSI Number	Mod.	UOM	Description	Line Total
Mobilization				
18	01 71 13 00-0003	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed Includes loading, lie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc.	\$1111.57
		Installation	Quantity 1.00 x Unit Price \$761.40 x Factor 1.4599 = Total \$1,111.57	
		User Note: B/H		
Subtotal for Mobilization:				\$1111.57
MPT				
19	01 22 20 00-0059	HR	Flagperson For Traffic Control	\$4204.51
		Installation	Quantity 40.00 x Unit Price \$72.00 x Factor 1.4599 = Total \$4,204.51	
		User Note: 2 for 2.5 Days=6		
20	01 22 23 00-0187	EA	Mobilization of Steel Roadway Plates Mobilization for each site location.	\$600.56
		Installation	Quantity 1.00 x Unit Price \$411.37 x Factor 1.4599 = Total \$600.56	
21	01 22 23 00-0188	EA	Place And Remove Steel Roadway Plates	\$1951.89
		Installation	Quantity 28.00 x Unit Price \$47.75 x Factor 1.4599 = Total \$1,951.89	
		User Note: 14x2		
22	01 22 23 00-0201	DAY	1" x 6' x 10' Steel Plate	\$1666.97
		Installation	Quantity 28.00 x Unit Price \$40.78 x Factor 1.4599 = Total \$1,666.97	
		User Note: 14 for 2 days		
23	01 22 23 00-0216	LF	Cold Mix For Temporary Ramp Base, 6" At Edge Of Trench Plate	\$370.08
		Installation	Quantity 130.00 x Unit Price \$1.95 x Factor 1.4599 = Total \$370.08	
24	01 55 26 00-0020	DAY	28" Cone With Reflective Collar	\$29.43
		Installation	Quantity 42.00 x Unit Price \$0.48 x Factor 1.4599 = Total \$29.43	
		User Note: 14 for 3 Days		



Contractor's Price Proposal Detail- Category Continued..

Work Order #: 120320.00
Title Harrison Grant St Drainage

CSI Number	Mod.	UOM	Description	Line Total				
MPT								
25	01 55 26 00-0026	DAY	Channelizer Drum	\$96.88				
		Quantity	Unit Price	Factor	Total			
	Installation	42.00	x	\$1.58	x	1.4599	=	\$96.88
	User Note: 14 for 3 Days							
26	01 55 26 00-0077	DAY	Mesh Or Vinyl Roll-up Sign With Stand	\$81.64				
		Quantity	Unit Price	Factor	Total			
	Installation	12.00	x	\$4.66	x	1.4599	=	\$81.64
	User Note: 4 for 3 Days							
27	01 55 26 00-0112	EA	Place And Remove Up To 250 Cones By Hand From Roadside	\$134.28				
		Quantity	Unit Price	Factor	Total			
	Installation	42.00	x	\$2.19	x	1.4599	=	\$134.28
28	01 55 26 00-0114	EA	Place And Remove Up To 250 Panels/Channelizers By Hand From Roadside	\$179.04				
		Quantity	Unit Price	Factor	Total			
	Installation	42.00	x	\$2.92	x	1.4599	=	\$179.04
29	01 55 26 00-0118	EA	Place And Remove Portable Sign And Stand From Roadside	\$45.72				
		Quantity	Unit Price	Factor	Total			
	Installation	12.00	x	\$2.61	x	1.4599	=	\$45.72
30	01 56 26 00-0160	LF	48" High With Posts At 8' On Center, Plastic Mesh Temporary Safety Fence	\$203.66				
		Quantity	Unit Price	Factor	Total			
	Installation	50.00	x	\$2.79	x	1.4599	=	\$203.66
Subtotal for MPT:				\$9564.66				
Pipe								
31	33 42 11 00-0173	LF	18" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	\$6891.90				
		Quantity	Unit Price	Factor	Total			
	Installation	140.00	x	\$33.72	x	1.4599	=	\$6,891.90
32	33 42 11 00-0439	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	\$1913.05				
		Quantity	Unit Price	Factor	Total			
	Installation	0.00	x	\$33.07	x	1.4599	=	\$0.00
	Demolition	140.00	x	\$9.36	x	1.4599	=	\$1,913.05
Subtotal for Pipe:				\$8804.95				
Restoration								
33	32 01 17 61-0004	LF	>500 To 2,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler/Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	\$233.88				
		Quantity	Unit Price	Factor	Total			
	Installation	180.00	x	\$0.89	x	1.4599	=	\$233.88
	User Note: Seal Joints							



Contractor's Price Proposal Detail- Category Continued..

Work Order #: 120320.00
Title Harrison Grant St Drainage

CSI Number	Mod.	UOM	Description	Line Total
Restoration				
34	32 12 16 13-0026	TON	Hand Placed Hot Mixed Asphalt 3,954 LB/CYFor small areas not reachable by machine. Includes placement, rolling, finishing and sweeping.	\$5298.67
		Installation	Quantity 13.50 x Unit Price \$268.85 x Factor 1.4599 = Total \$5,298.67	
35	32 16 13 13-0032	EA	Additional Finish For Handicap Drop Section In Curb	\$100.19
		Installation	Quantity 1.00 x Unit Price \$68.63 x Factor 1.4599 = Total \$100.19	
User Note: Grant & Columbus				
36	32 16 13 33-0003	LF	8" Wide x 6" High Asphalt Curb 50 LF/TON, Bituminous, Plain	\$1894.95
		Installation	Quantity 100.00 x Unit Price \$12.98 x Factor 1.4599 = Total \$1,894.95	
37	32 16 23 00-0003	SF	5" Cast In Place Concrete Sidewalk	\$395.05
		Installation	Quantity 30.00 x Unit Price \$9.02 x Factor 1.4599 = Total \$395.05	
38	32 16 23 00-0003	0082 SF	For Up To 100, Add	\$171.68
		Installation	Quantity 30.00 x Unit Price \$3.92 x Factor 1.4599 = Total \$171.68	
39	32 17 26 00-0003	SF	Cast In Place VPC Truncated Dome Detectable Warning SurfaceAlso raised strips or directional bars. All colors.	\$484.04
		Installation	Quantity 6.00 x Unit Price \$55.26 x Factor 1.4599 = Total \$484.04	
40	32 91 13 36-0003	MSF	Rake Topsoil By Hand	\$17.44
		Installation	Quantity 0.18 x Unit Price \$66.35 x Factor 1.4599 = Total \$17.44	
41	32 91 19 13-0012	SY	Furnish And Place Imported Screened Topsoil, 4" Deep	\$178.98
		Installation	Quantity 20.00 x Unit Price \$6.13 x Factor 1.4599 = Total \$178.98	
42	32 92 19 19-0005	MSF	Shade Mix, Push Spreader Or Hand6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	\$25.19
		Installation	Quantity 0.18 x Unit Price \$95.85 x Factor 1.4599 = Total \$25.19	
Subtotal for Restoration:				\$8800.07
Work Order Proposal Total				\$51312.77

This work order proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals.

The Percent of NPP on this Proposal: 0.00%