

Utility Street Cut & Concrete Repair  
RFB 25-008  
Liquidated Damages Calculations

<u>Labor</u>	<u>Hours</u>	<u>Total</u>	<u>Hourly Rate</u>
Equipment Operator	8	\$ 224.88	\$ 28.11
MW II	8	\$ 136.72	\$ 19.90
Crew Leader	8	\$ 175.76	\$ 23.50
MW II	8	\$ 114.00	\$ 19.90
Total		\$ 651.36	

Ave.  
Labor \$ 22.85  
Rate:

**Assumptions:**

Initial city mobilization: 4-man crew for 8 hours  
Intital Materials: \$2,112.44  
Ongoing maintenance: 2 hours / day (4 man crew) - 3 days / week  
Ongoing materials: 5% initial material outlay - 1 day / week

<u>Equipment</u>	<u>Hours</u>	<u>Total</u>	<u>Hourly Rate</u>
Dump Truck	8	\$ 636.96	\$ 79.62
2018 Roller	8	\$ 229.76	\$ 28.72
Pothole Patcher	8	\$ 461.60	\$ 57.70
Total		\$1,328.32	

Ave.  
Equipment \$ 55.35  
Rate:

<u>Material</u>	<u>Qty</u>	<u>Unit</u>	<u>Cost</u>
Hot Mix	800	SF	\$ 1,862.00
Flex Base	12	CY	\$ 250.44
Total			\$ 2,112.44

**LIQUIDATED DAMAGES ASSESSMENT:**

The parties agree that the liquidated damages calculated herein for the project listed below is a fair and reasonable estimate of the damages the Owner will sustain each day by the failure of the Contractor to complete the work on time. This calculation of estimated daily rate for liquidated damages is not to be construed as a penalty in any way. This calculation shall be incorporated into the Agreement.

**PROJECT DESCRIPTION:**

City Project No. RFB-25-008  
Description: Utility Street Cut & Concrete Repairs  
Start Date: 2/1/2025  
Anticipated Completion Date: Annual Contract 1 + 4 years  
Amount of the Project: Not to exceed \$350,000.00 annuall

**ACCEPTED AND AGREED:**

Owner/City of North Richland Hills: Contractor: \_\_\_\_\_

By: \_\_\_\_\_  
Boe Blankenship  
Director of Public Works

By: \_\_\_\_\_  
Name  
Title

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Day	<u>Labor</u>	<u>Equipment</u>	<u>Materials</u>
1	\$ 651.36	\$1,328.32	\$ 2,112.44
2			
3			
4	\$ 651.36	\$1,328.32	\$ 250.44
5			
6	-		
7	-		
8	\$ 81.42	\$ 110.69	\$ 105.62
9			
10			
11	\$ 129.43	\$ 110.69	\$ 250.44
12			
13	-		
14	-		
15	\$ 81.42	\$ 110.69	\$ 130.44
16			
17	\$ -		
18			
19	\$ 651.36	\$1,328.32	\$ 2,112.44
20	-		
21	-		
22	\$ 81.42	\$ 110.69	\$ 130.44
23			
24			
25			
26	\$ 81.42	\$ 57.70	\$ 1,117.20
27	-		
28	-		
29	\$ 81.42	\$ 110.69	\$ 130.44
30			
	\$ 2,490.61	\$4,596.12	\$ 6,339.90

Grand Total: \$ 13,426.63

per day \$ 447.55

Residential Rehabilitation - Concrete Contractor  
RFP 21-011  
Liquidated Damages Calculations

<u>Labor</u>	<u>Hours</u>	<u>Total</u>	<u>Hourly Rate</u>
Equipment Operator	8	\$ 224.88	\$ 28.11
MW II	8	\$ 136.72	\$ 17.09
Crew Leader	8	\$ 175.76	\$ 21.97
MW II	8	\$ 114.00	\$ 16.76
Total		\$ 651.36	

Ave.  
Labor \$ 20.98  
Rate:

**Assumptions:**

Initial city mobilization: 4-man crew for 8 hours  
Intital Materials: \$2,608.84  
Ongoing maintenance: 2 hours / day (4 man crew) - 3 days / week  
Ongoing materials: 5% initial material outlay - 1 day / week

<u>Equipment</u>	<u>Hours</u>	<u>Total</u>	<u>Hourly Rate</u>
Dump Truck	8	\$ 636.96	\$ 79.62
F-250	8	\$ 181.12	\$ 22.64
Pothole Patcher	8	\$ 461.60	\$ 57.70
Total		\$1,279.68	

Ave.  
Equipment \$ 53.32  
Rate:

<u>Material</u>	<u>Qty</u>	<u>Unit</u>	<u>Cost</u>
Hot Mix	700	SF	\$ 1,862.00
Sandbags	100	EA	\$ 75.00
Flex Base	12	CY	\$ 250.44
Barricades	10	EA	\$ 421.40
Total			\$ 2,608.84

**LIQUIDATED DAMAGES ASSESSMENT:**

The parties agree that the liquidated damages calculated herein for the project listed below is a fair and reasonable estimate of the damages the Owner will sustain each day by the failure of the Contractor to complete the work on time. This calculation of estimated daily rate for liquidated damages is not to be construed as a penalty in any way. This calculation shall be incorporated into the Agreement.

**PROJECT DESCRIPTION:**

City Project No. \_\_\_\_\_  
Description: ST2119, ST2120,ST2210  
Start Date: Summer 2023  
Anticipated Completion Date: Fall 2023  
Amount of the Project: \$286,075.00

**ACCEPTED AND AGREED:**

Owner/City of North Richland Hills: \_\_\_\_\_ Contractor: \_\_\_\_\_

By: \_\_\_\_\_ By: \_\_\_\_\_  
Caroline Waggoner Name  
Director of Public Works Title

Date: \_\_\_\_\_ Date: \_\_\_\_\_

Day	<u>Labor</u>	<u>Equipment</u>	<u>Materials</u>
1	\$ 651.36	\$1,279.68	\$ 2,608.84
2			
3			
4	\$ 81.42	\$ 106.64	
5			
6	-		
7	-		
8	\$ 81.42	\$ 106.64	\$ 130.44
9			
10			
11	\$ 81.42	\$ 57.70	
12			
13	-		
14	-		
15	\$ 81.42	\$ 106.64	\$ 130.44
16			
17	\$ 81.42		
18			
19	\$ 81.42	\$ 57.70	
20	-		
21	-		
22	\$ 81.42	\$ 106.64	\$ 130.44
23			
24			
25			
26	\$ 81.42	\$ 57.70	
27	-		
28	-		
29	\$ 81.42	\$ 106.64	\$ 130.44
30			
	\$ 1,384.14	\$1,985.98	\$ 3,130.60

Grand Total: \$ 6,500.72  
per day \$ 216.69