



CITY OF GRAND ISLAND, NEBRASKA

SPECIFICATIONS

FOR

NON-DESTRUCTIVE TESTING OF  
GRAND ISLAND UTILITY  
AERIAL DEVICE AND DIGGER DERRICK UNITS

For

**2012**

Quotes will be received until 1:00 p.m. (local time)  
**Tuesday, January 10, 2012**

Name of Company \_\_\_\_\_



## Utilities Department

The City of Grand Island Utilities requests quotes for the non-destructive testing of its Aerial Devices and Digger Derrick units. Vendor is to supply all personnel, material and equipment for this testing and to perform testing to the attached specifications.

All written quotations received by Tuesday, January 10, 2012, will be considered. Sealed quotes, clearly marked for "Non-destructive Testing of Grand Island Utility Aerial Device and Digger Derrick Units quote", will be received at the **Storeroom, Utilities Department Service Building, 1116 West North Front, Grand Island, NE 68801. Quotes will be publicly opened at the Service Building at the time stated above.** Any quotations received after the specified time will be returned unopened to sender. No verbal quotations accepted. All quotes must be signed and dated by your quotation department to be accepted.

Quotes will be evaluated by the purchaser based on price, quality, experience, and ability to meet purchaser's schedule. Upon completion of evaluation of quotes, the company with the successful quote will receive a purchase order within thirty (30) days after the deadline for quotations to be in. Testing must be completed by April 15, 2012. Two-week notice prior to testing of vehicles will be required. All scheduling of testing is to be done through Bryan Fiala, Electric Distribution Superintendent.

Questions regarding this quotation should be directed to Bryan Fiala, Line Superintendent at 1116 West North Front Street, (308)385-5472 or (308)390-5210. The Utility reserves the right to reject any or all quotes, or waive informalities.

GENERAL SPECIFICATIONS  
FOR  
NON-DESTRUCTIVE TESTING OF GRAND ISLAND UTILITY  
AERIAL DEVICE AND DIGGER DERRICK UNITS  
CITY OF GRAND ISLAND, NEBRASKA

**Each Unit Must be Quoted Individually**

1. STANDARDS

All testing shall be done in accordance with the following or other applicable Standards:

- a) ANSI A10.31 1987 (or latest revision) American National Standard for construction and demolition – digger derricks.
- b) ANSI A92.2-1979c (or latest revision) American National Standard of Vehicle-Mounted Elevating and Rotating Aerial Devices.

2. TYPES OF TESTING

For each type of test, Company is to submit a complete explanation of how they will perform such test.

- a) VISUAL INSPECTION \_\_\_\_\_
- b) DIELECTRIC \_\_\_\_\_
- c) LOAD TEST (as in lifting rated loads) \_\_\_\_\_
- d) ACOUSTIC EMISSIONS \_\_\_\_\_
- e) DYE PENETRANT \_\_\_\_\_
- f) ULTRASONIC \_\_\_\_\_
- g) MAGNETIC PARTICLE \_\_\_\_\_
- h) BUCKET LINERS \_\_\_\_\_
- i) TESTING ON APPLICABLE MATERIAL HANDLING UNITS \_\_\_\_\_
- j) CHECK TORQUE ON TURN TABLE BOLTS (per manufacturers specs) \_\_\_\_\_
- k) INDICATE ALL BOLTS THAT ARE LOOSE OR THAT NEEDED TO BE TORQUED \_\_\_\_\_
- l) OTHER: Company shall submit with the quotation any procedures which are not aforementioned relating to recommendations for testing of vehicles.

3. QUOTE FORMAT

Company shall prepare a standard quote per each unit listed (***individually***) for the following general classes of vehicles. Company shall specify which tests are included for each class.

4. TIME OF TESTING

The Utilities intends to have one of its personnel witness each test. Therefore, all testing shall be performed Monday-Friday, 8:00 a.m. – 4:30 p.m. local time. Location for testing – 1116 West North Front Street, Grand Island, NE 68801. Should have two people if possible.

5. TEST REPORTING

- a) Two copies of a separate report of all test results with a clear typed explanation of any defects for each vehicle will be required. Each report will also contain recommendations for correcting such defects.
- b) For quote evaluation, a sample of copy of the Company's test report will be required.

6. VEHICLE LOCATIONS AND TYPES

The Company shall be required to test the vehicles listed at the Utility Service Building, 1116 West North Front Street

Unit – Class		Unit Number & Department	General Description	Quote
1.	Digger/Derrick	#59 Line	1998 Atlas – Terex – Telelect Model TC 4045 S/N 1980605101 With IHC 4900 4 x 2	
2.	Digger/Derrick	#73 Line	2011 Terex – C5050 S/N 2100942598 - Freightliner	
3.	Digger/Derrick	#77 Line	2002 Telect Commander Model 4047 S/N 2010717709 – Bucket with Liner	
4.	Aerial Manlift	#51 Line	2006 Dur-a-Lift Model – DTA-40FP S/N A7199	
5.	Aerial Manlift	#61 Line	2008 Terex FC-40 S/N 2090439638 – 45' bucket truck	
6.	Aerial Manlift	#55 Line	2004 Telelect 5TC55MH S/N 2031223027 – with Liner	
7.	Aerial Manlift	#69 Line	1993 Elliott ECI-4-80-B A/N GC-1427	
8.	Aerial Manlift	#54 Line	1999 Terex Telelect Model 5 TC-55 S/N 1990608016 – with Liner	
9.	Mini Derrick	#137 Line	1991 Texoma S/N 1C10F31	
10.	Aerial Manlift	#62 Line	2002 Versalift VST-2401236-I S/N DE020023 – with Liner	
11.	Mini Derrick	#1574 Line	2003 SDP S/N 1S9LT212831313190 – with Liner	
12.	Aerial Manlift	#41 Line	2004 Terex Telect Model 5TC – 55 S/N – 2040824943 – Bucket with Liner	
13.	Mini Derrick	#1575 Line	2007 SDP S/N 159LT212271313398 with liner	

Unit – Class		Unit Number & Department	General Description	Quote
14.	Forklift	#1131 Store Room	2006 Yale Forklift S/N B875B04220D	
15.	Forklift	#1631 Underground	1980 Clark Forklift S/N Y355-333-4323	
16.	Aerial Manlift Underground Division	#1666 Underground	2007 Versalift VST-5000I S/N GC060077 – with Liner	
17.	Crane Steel Boom Underground Division	#1678 Underground	2003 Terex – R. O. BT60100 – S/N 6010503196	
18.	Articulating Crane	#1649 Underground	2004 National – N160 S/N 290781	
19.	Aerial Manlift	#26 Platte Generating Station	1999 Terex Telect Model TPL 40 S/N 19991210191 – with Liner	
20.	Knuckle Crane	#97 Water Shop	1996 National Knuckle Crane	
21.	Forklift	#930 Water Shop	2007 Heli H2000 – 30 S/N 23030C15586	
22.	Bucket Truck	#37 Parks	1995 Lift-All Telescoping Bucket Truck – 34’ S/N 4954059530TFB	
23.	ArmLift Aftel	#212 Public Works	1999 ArmLift Aftel 34FB PTO HL S/N TF-6-99-2022	
24.	Resco Aerial Platform	#213 Public Works	1995 Tesal 18 Tesco Aerial Platform – Tesco Hi-lift model AL18	

7. COMPANY QUALIFICATIONS AS A CERTIFIED NON-DESTRUCTIVE TESTER OF AERIAL DEVICE AND DIGGER DERRICK UNITS.
- a) Number of years the company has been doing non-destructive testing of this type.
  - b) Training and certification of Test Company and its personnel.
  - c) Insurance qualifications.
  - d) Licenses or such that the Company has to perform such work.
  - e) Number of trained personnel and their qualifications of the personnel that will be performing the testing.

**THE CITY RESERVES THE RIGHT TO ACCEPT OR REJECT ANY OR ALL QUOTES.**