

Admin Minnesota

Office of State Procurement

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CONTRACT RELEASE: T-546(5)

DATE: FEBRUARY 20, 2020

PRODUCT/SERVICE: TESTING AND INSPECTION, AERIAL UNITS, CRANES, ETC.
(INCLUDES DIGGER DERRICK, UNDER-BRIDGE, SCISSOR LIFTS, MANUALLY PROPELLED MAN LIFTS, OVERHEAD CRANES, AND AUTOMOTIVE LIFTS ETC.)

CONTRACT PERIOD: FEBRUARY 1, 2018, THROUGH, JANUARY 31, 2021

EXTENSION OPTIONS: UP TO 24 MONTHS

ACQUISITION MANAGEMENT SPECIALIST/BUYER: DUSTIN BURNS

PHONE: 651.201.2441

E-MAIL: dustin.burns@state.mn.us

WEB SITE: www.mmd.admin.state.mn.us

CONTRACT VENDOR

CONTRACT NO.

TERMS

DELIVERY

MINNESOTA HOIST INSPECTIONS, INC. 137368

PO Box 3340
Duluth, MN 55803

CONTACT: Kevin Miller
EMAIL: hoist4u@gmail.com

NET 30

30 DAYS ARO

PHONE: 218.525.6977
FAX:

VENDOR NO.: 0000212837-001

AMERICAN TEST CENTER

137369

NET 30

7-21 DAYS ARO

PO Box 408
2773 Prairie Drive
River Falls, WI 54022

CONTACT: Peter Tveitbakk
EMAIL: schedule@atctest.com

PHONE: 715.426.6940
FAX: 715.426.6941

VENDOR NO.: 0000212623-006

DIVERSIFIED INSPECTIONS

137370

NET 30

30 DAYS ARO

PO Box 39669
Phoenix, AZ 85069

CONTACT: Brian Molcany
EMAIL: bmolcany@diusa.com

PHONE: 503-668-7592
FAX: 800.992.1111x301
602.864.6975

VENDOR NO.: 0000196630-047

CONTRACT USERS. This Contract is available to the following entities as indicated by the checked boxes below

- State agencies
- Cooperative Purchasing Venture (CPV) members

STATE AGENCY CONTRACT USE. State agencies should make every effort to use the Contract Vendor(s) listed. However, this Contract does not prohibit State agencies from using their delegated local purchasing authority to procure similar products and services from other vendors.

STATE AGENCY ORDERING INSTRUCTIONS. Orders are to be placed directly with the Contract Vendor. State agencies should use a Contract release order (CRO) or a blanket purchase order (BPC). The person ordering should include his or her name and phone number. Orders may be submitted via fax.

CONTRACT FEEDBACK. If these commodities or service can be better structured to help you with your business needs, let us know. We solicit your comments and suggestions to improve all of our contracts so that they may better serve your business needs. If you have a need for which no contract currently exists, or you would like to be able to use an existing state contract that is not available to your entity, whether a state agency or CPV), please contact us. If you have specific comments or suggestions about an individual contract you can submit those via the [Contract Feedback Form](#).

SERVICE CERTIFICATION FORM REQUIREMENTS.

Pursuant to Minn. Stat. § 16C.09, agencies must complete a "Service Contract Certification Form" prior to issuing an order for services offered from this Contract.

HOW TO USE THIS MASTER CONTRACT

- Step 1: Request a Quote**
Request a quote from one of the Contract Vendors listed on this Contract Release. **Note that you should not request a quote from a Contract Vendor whose contract is not fully executed or on a contract that is expired.**

At a minimum the quote must include:

1. Contract vendor's name.
2. Name of contract vendor's representative providing the quote.
3. Date of quote.
4. State Contract Release T-564(5) and Contract number.
5. Detailed description of the Contract product(s) or item(s) being provided. Individual price, quantity and the agreed upon ARO.
6. Detailed description of the products that will be order and the title of the person accepted the order. Price per product ordered and state the agreed upon ARO per order.
7. Total price for all products/items quoted.
8. Expiration date of quote.

- Step 2: The Ordering Entity is to verify the quote to confirm contract pricing and that the After Receipt of Order (ARO), offered meets the business need.**

The following information explains the methods for calculating and/or confirming the contract prices.

- For FIXED pricing, the pricing offered must match or be lower than that detailed on this release on the MnDOT web page.

<http://www.dot.state.mn.us/maintenance/equipment/contracts/contracts.html>

Only accept contract vendor quotes that provide itemized contract pricing (lump sum price quotes must be rejected and revised by the contract vendor to show itemized State contract pricing).

Prior to accepting an order and/or issuing an invoice, inspect the products received to ensure they match both the terms and pricing of the contract.

Contact the AMS/Buyer detailed on the first page of this Contract Release to report any pricing discrepancies or for assistance in confirming/calculating contract pricing.

Step 3: Establish a Purchase Order.

Once the ordering plan has been approved, a purchase order (PO) may be issue before any products is shipped by the Contract Vendor.

State agencies issuing purchase orders should use a Contract Release Order (CRO) or a Blanket Purchase Order (BPC).

Step 4: Paying the final Invoice

Before issuing payment on an invoice, the Ordering Entity must inspect the contract products to ensure they match both the terms and pricing on the contract. Only accept invoices from Contract Vendors that itemized contract products and delivery charges as stated in the Special Terms. Lump sum prices must be rejected and reworked by the Contract Vendor to show itemized State contract pricing. The invoice must include enough detail for the Ordering Entity to verify that the products were delivered on the invoice have been provided.

Note that the delivery method (Drop Ship or Inside Delivery) must be stated on the invoice.

END OF HOW TO USE THIS MASTER CONTRACT INSTRUCTIONS

SPECIAL TERMS AND CONDITIONS

SCOPE. The purpose of this contract(s) to provide Testing & Inspection for aerial lifts, digger derrick, under-bridge, scissor lifts, manually propelled man lifts, overhead cranes, automotive lifts etc. Contract Release T-546(5) which may be used by State Agencies and Cooperative Purchasing Venture (CPV) members on an as needed basis. The contract term will begin on February 1, 2018, or on the date of Contract execution, whichever is later, to January 31, 2019 with extension options up to 48 months.

PRICES. Prices are firm through the initial period of the contract. After that period, prices may increase once a year. Price increases are not effective until they are approved by the AMS. **NOTE:** At no time should the ordering entity pay more than the Contract price. Agencies must contact the AMS immediately and fill out a Vendor Performance Report if there is a discrepancy between the price on the invoice and the Contract price.

The Following Specifications details OSHA and ANSI annual testing and inspection for aerial, digger derrick, under-bridge, scissor lifts, manually propelled man lifts, overhead cranes, and automotive lifts. The following that apply must be met and any other relevant OSHA, ANSI, ALI, ASME, federal and state regulations.

BILLING REQUIREMENTS. The Contract Vendor must submit separate detailed invoices for each purchase order to the "bill-to" address as shown on the purchase order.

If requested, the Contract Vendor must submit one copy of the original purchase order issued from the State agency or CPV member and one copy of the final invoice for each transaction against the Contract to the AMS. The invoice must be itemized per the detail in the Manufacturer's Vendor Price Schedule that is submitted with the RFB. The State intends that the final invoice is generated only after the equipment has been delivered, inspected, approved and accepted.

INTEREST RATE ON UNPAID BALANCE. The Contract Vendor may not charge interest on unpaid balances over and above what is allowed in State law. Responders may not calculate additional interest into the price offered for the equipment to cover expenses on unpaid balances.

MISCELLANEOUS ITEMS. State agencies may purchase incidental miscellaneous parts, accessories and labor that is directly related to a specific item(s) included on the Contract. The total cost for these miscellaneous items may not exceed \$5,000.00 for an individual purchase order. If the Customer's entity requires a lower threshold for competitive bidding other than \$5,000.00, they must follow their local entity's requirements. Any purchase order must be issued to the Contract Vendor.

I. Structural Tests

- A. Visual Inspection** - A complete inspection of accessible areas includes:
1. Outriggers: pads, structure, welds, bolts, hoses, cylinders, valves, pins, and retainers.
 2. Chassis: truck frame, aerial sub-frame, suspension, PTO, pintle hook, and components of the brake, steering, electrical, air, hydraulic, exhaust, and cooling systems.
 3. Pedestal: mounting bolts and welds, pedestal structure, diagonal brace, attachment welds or pins, hydraulic swivel joint, hydraulic components, swing drive gearbox mounting bolts, backlash between swing pinion or bull gear, electric collector ring and brushes and lower control operation.
 4. Rotation Bearing: upper and lower bearing attachment weld and bolts, vertical movement of bearing, and proper torque on accessible bearing bolts.
 5. Turntable: turntable structure, bucket leveling cables, leveling cylinders, compensating chains or sprockets, and hydraulic system components.
 6. Boom-Jib-Lower Boom-Upper Boom: boom structure, welds, pin end castings, pins, bolts, keepers, lift cylinders and attachment, hydraulic system, leveling cables or rods, upper or extend cylinder and attachment, push links, boom rest supports, tie-down straps, sheaves, rope guides, boom stops, wear pads and extension roller assemblies, lower insulator and mounting, extension roller assembly and wear pads.
 7. Elbow: elbow structure, hydraulic hoses, and leveling cables.
 8. Upper Boom (Extension): structure, welds, leveling cables or rods, wear pads, upper insulator and mounting, hydraulic lines and components, jib structure, and mounting, tool circuit hoses and fittings, pole claw arms, and mounting brackets.
 9. Platform (Bucket): mounting bracket bolts, leveling system, exterior condition, control operation and hydraulic lines and components.
 10. Digger and Auger: digger mounting arm and housing, gearbox, auger, digger wind-up bracket or rope, auger stop bracket, lock mechanism, and control operation.
 11. Winch: mounting brackets, bolts, pins, gearbox, hydraulic components, load line, and controls.
 13. Drive Train: gear wear, lubrication, guards, hydraulic components.
 14. Drum Shafts: main hoist, swivel, drum conditions, clutch/brake lining, air and hydraulic lines/components.
 15. Wire Ropes: check for wear and broken wires, lubrication, end connections, pins, clips and spreaders.
 16. Load Blocks: hook condition, safety latch, sheaves, bearings, beackets, clips, swivel lock and structure.
 17. Boom-Jib-Lower Boom-Upper Boom: structure/welds, pin end castings, pins, bolts, keepers, lift cylinders and attachments, hydraulic system, upper or extended cylinder and attachment, boom rest supports, tie-down straps, sheaves, rope guides, boom stops, wear pads and extension roller assemblies.
 18. General: load rating chart, electrical hazard placards, MADDDC placards, and upper or lower control operation placards.

The visual inspection includes removal of inspection cover plates as necessary to ensure a complete inspection.

- B. Acoustic Emission (AE) Test:** AE is the accepted industry method for testing fiberglass and steel structures. The AE test includes attaching sensitive sensors to the structural fiberglass and metal components from the bucket down to the outrigger or chassis sub frame. A test load of 1-1/2 or 2 times the rated load (specified by customer) is applied to the boom. A computer system monitors sounds emitted by defects that are growing during the test load. The computer selects the critical noise emissions and prints a summary report. A test load of 1-1/2 times rated load will be applied to the boom or bucket. A printout showing the result will be attached to the test report for each unit that it applies to. Test results are to be reviewed by the engineering staff from the testing company and made available to the Customer.
- C. Magnetic Particle Inspection:** Magnetic particle is a nondestructive test method used to identify surface cracks on ferrous material. It is performed on all critical welds, plates, and castings of items listed in Part A during the visual inspection.

- D. **Dye Penetrant Inspection:** Dye Penetrant is a nondestructive test method used to identify surface cracks and works on any structural surface including all critical welds, plates, castings made of non-ferrous material and any area requiring verification in Part C or Part E.
- E. **Ultrasonic Inspection:** Ultrasonic is a nondestructive test method used to detect flaws in accessible critical pins. Use of ultrasound reduces the number of pins that have to be removed for inspection. Pins with flat end surfaces and do not have drilled holes are best suited for ultrasonic.
- F. **Torque Testing:** Torque testing all critical fasteners in accessible areas including upper and lower rotation bearing, swing gearbox, boom connections, and platform mounting.

II. Functional and Operational Test

A functional and operational test is performed to check the operation of controls, bearings, pins, bushings, cylinders, holding valves, bucket leveling mechanisms, outriggers, etc. This test will also find worn swing bearings or gearboxes, worn pins or bushings, and loose fasteners critical to the operation of the aerial.

III. Dielectric Test

A DC dielectric test as specified by ANSI standards. The dielectric test verifies the electrical insulating strength in the FRP upper and lower booms, bucket, liners, FRP extensions on digger derricks, tool circuits, and upper control system.

IV. Report and Certification

Defects found during the inspection and tests are classified for degree of severity and printed on a computerized report. If the inspection reveals that repairs or rework are required by the customer, details of the work will be outlined on the report. The Contract Vendor's technician will review the initial report with the Customer's Authorized Representative (CAR). A signed and dated copy of the initial test report listing any defects is left with the CAR. If repairs or rework need to be completed before the equipment is certified, the Contract Vendor will provide any additional inspections needed for the equipment to be certified.

The final test is reviewed by the Contract Vendor's staff engineers and the final report is mailed to the (CAR). The Contract Vendor retains a copy of the test report on file. The final test/inspection report must be mailed to the Customer's Authorized Representative (CAR) within 30 days of the final inspection, unless mutually agreed upon by the CAR and the Contract Vendor.

2.0 **Aerial Personnel Device Test and Inspection Requirements**

- 2.1 Aerial personnel device must be inspected and tested per ANSI/SIA A92.2 most current version and must satisfy OSHA.
- 2.2 Testing and inspecting must include, but not limited to the above*, particularly when OSHA and/or ANSI/SIA A92.2 most current version calls for more or different inspection and testing.

3.0 **Digger Derrick Test & Inspection Requirements**

- 3.1 Digger derrick units must be inspected and tested per ANSI/SIA A10.31 most current version and must satisfy OSHA.
- 3.2 Testing and inspecting must include, but not limited to the above*, particularly when OSHA and/or ANSI/SIA A92.2 most current version calls for more or different inspection and testing of digger auger assembly.

4.0 **Bridge Inspection/Maintenance Device Test and Inspection Requirements**

- 4.1 Bridge inspection/maintenance device must be inspected and tested per ANSI/SIA A92.8 most current version and must satisfy OSHA.
- 4.2 Testing and inspecting must include, but not limited to the above*, particularly when OSHA and/or ANSI/SIA A92.8 most current version calls for more or different inspection and testing.

5.0 Truck Mounted Hydraulic Crane Test and Inspection Requirements

- 5.1 Truck mounted hydraulic cranes with 1-9-ton capacity must be inspected and tested per ANSI B30.5 most current version and must satisfy OSHA.
- 5.2 Truck mounted hydraulic cranes with 10-50-ton capacity must be inspected and tested per ANSI section B30 most current version and must satisfy OSHA.
- 5.3 Testing and inspecting must include, but not limited to the above*, particularly when OSHA and/or ANSI section B-30 most current version calls for more or different inspection and testing.

6.0 Manual Propelled Man Lifts and Scissor Lifts

- 6.1 Man lifts and scissor lifts must be tested per ANSI A92.6 most current version and must satisfy OSHA.
- 6.2 Testing and inspecting must include, but not limited to the above*, particularly when OSHA and/or ANSI A92.6 most current version calls for more or different inspection and testing.

7.0 Overhead Cranes

- 7.1 Overhead cranes (including all underhung, gantry and monorails) must be tested per ASME B30 requirements and must satisfy all OSHA and ANSI requirements.
- 7.2 Testing and inspecting must include, but not limited to the above*, particularly when ASME B30 most current version calls for more or different inspection and testing.

8.0 Automotive Lifts

- 8.1 Automotive lifts must be tested per ANSI/ALI ALOIM 2008 R2013 standard requirements and must satisfy OSHA, ANSI requirements.
- 8.2 Testing and inspecting must include, but not limited to the above*, particularly when ANSI/ALI ALOIM 2008 R2013 most current version calls for more or different inspection and testing.

9.0 Additional Requirements

- 9.1 The Contract Vendor must prepare the equipment by reasonably cleaning it prior to inspection.
- 9.2 The Contract Vendor's Testing and Inspecting Technician must be a Certified Level 2 SNT-TC-IA NDT Technician. The Contract Vendor's inspectors for the automotive lifts must have a certification level approved by ANSI under ANSI/ALI ALCTV.
- 9.3 The Contract Vendor must have its representative, and all the appropriate people, available for questions after the test to review the test results and to ask questions.
- 9.4 For any MnDOT equipment that is tested and inspected, an additional copy of the final report must be submitted to the Customer's Authorized Representative (CAR).
- 9.5 The Contract Vendor must bring all needed equipment when inspecting at MnDOT sites. The Contract Vendor will not be able to use MnDOT equipment to do the testing. For example, using MnDOT scissors lift to inspect overhead cranes will not be allowed.

10.0 Reporting. All inspection reports – both the initial and final – must be submitted per the instructions and within the times outlined in the specifications. **Failure to provide the final reports within the 30-day time frame outlined may cause invoice payment to be withheld until the final reports are received by the customer.**

11.0 Inspection Schedule. The Contract Vendor must be able to provide testing and inspection services two ways:

Regular Scheduled Test/ Inspection – Customer provides the Contract Vendor with a two-week lead time or more to provide test and inspection services. The Contract Vendor will receive notification from the customer and confirm a mutually agreed date for the services to be completed. If the Contract Vendor fails to meet the mutually agreed inspection date, the customer reserves the right to purchase the services on the open market and charge any difference in actual costs back to the Contract Vendor.

Emergency Test/Inspection – Customer contacts the Contract Vendor for emergency services to be completed within three to five working days of contact. The Contract Vendor will receive notification from the customer and confirm a mutually agreed date for the services to be completed. If the Contract Vendor fails to meet the mutually agreed inspection date, the customer reserves the right to purchase the services on the open market and charge any difference in actual costs back to the Contract Vendor.

12.0 Instructions for Completing the Price Schedule - Responders must provide two prices One for Service type and One for Equipment type on Excel State Price Schedule:

Regular Scheduled Services
Emergency Services

Responders must use the Excel State Price Schedule included with the Solicitation. Responders only need to fill in the yellow section of the Excel sheet. **Responder may not submit a PDF copy of the Excel State Price Schedule. Responders must use the working copy of the Excel State Price Schedule attached to the solicitation to submit their bids on.** Failure to submit its offer on the required State Excel Price Schedule may be cause for the offer to be rejected.

***Refers to item I, II, III, IV**

Revisions

- 02/01/2020 Contracts extended through January 31, 2021, at same specification, prices, terms and conditions.
- 03/28/2019 Change Buyer from Karen McIntyre to Dustin Burns.
- 02/01/2019 Contracts extended through January 31, 2020, at same prices. Added Specification 9.5 to contract language. All other terms, conditions and specifications remain the same.
- 10/09/2018 Change Buyer from Ginger Oberpriller to Karen McIntyre.

Contract Pricing

MINNESOTA HOIST INSPECTIONS, INC. - Contract Number 137368

PAYMENT TERMS: Net 30
DELIVERY: 30 Days ARO

Awarding both regular and emergency testing in the following categories:

	<u>Regular Schedule Test Inspection</u>	<u>Emergency Schedule Test Inspection</u>
5.0 1-9- & 10-50-Ton Truck Mounted Hydraulic Crane		
5.1 Annual test and inspection for mobile (truck mounted) hydraulic crane 1-9-ton capacity per ANSI B30.5 most current version per specification 5.0.	\$125.00	\$175.00
5.2 Annual test and inspection for mobile (truck mounted) hydraulic crane 9-50-ton capacity per ANSI B30 most current version per specification 5.0.	\$155.00	\$205.00
7.0 Overhead Cranes		
7.1 Annual test and inspection for overhead cranes per ASME B30 most current version per specification 7.0.	\$105.00	\$155.00
8.0 Automotive Lifts		
8.1 Annual test and inspection for Automotive Lifts per ANSI/ALI ALOIM 2008 R2013 most current version per specification 8.0.	\$ 95.00	\$145.00

AMERICAN TEST CENTER, INC. – CONTRACT 137369

Awarding both regular and emergency testing in the following categories:

	<u>Regular Schedule Test Inspection</u>	<u>Emergency Schedule Test Inspection</u>
2.0 Aerial Personnel/Bucket Truck Inspections		
2.1 Annual test and inspection for aerial personnel devices that DO NOT require dielectric test, per ANSI/SIA A92.2 most current version per specification 2.0.	\$250.00	\$275.00
2.2 Annual test and inspection for aerial personnel devices that DO require dielectric test per ANSI/SIA A92.2 most current version per specification 2.0.	\$350.00	\$375.00
3.0 Digger Derricks		
3.1 Annual test and inspection for digger derricks that DO NOT require dielectric test, per ANSI A10.31 most current version per specification 3.0.	\$250.00	\$275.00
3.2 Annual test and inspection for digger derricks that DO require dielectric test, per ANSI A10.31 most current version per specification 3.0.	\$350.00	\$375.00
4.0 Under Bridge Equipment		
4.1 Annual test and inspection for under bridge machine per ANSI/SIA A92.8 or most current version per Specification 4.0.	\$400.00	\$425.00
5.0 1-9- & 10-50-Ton Truck Mounted Hydraulic Crane		
5.1 Annual test and inspection for mobile (truck mounted) hydraulic crane 1-9-ton capacity per ANSI B30.5 most current version per specification 5.0.	\$175.00	\$200.00
5.2 Annual test and inspection for mobile (truck mounted) hydraulic crane 9-50-ton capacity per ANSI B30 most current version per specification 5.0.	\$375.00	\$400.00
6.0 Manual Propelled Man Lift		
6.1 Annual test and inspection for manual propelled man lift per ANSI A92.3 most current version per specification 6.0.	\$100.00	\$100.00
7.0 Overhead Cranes		
7.1 Annual test and inspection for overhead cranes per ASME B30 most current version per specification 7.0.	\$100.00	\$100.00
8.0 Automotive Lifts		
8.1 Annual test and inspection for Automotive Lifts per ANSI/ALI ALOIM 2008 R2013 most current version per specification 8.0.	\$100.00	\$100.00

DIVERSIFIED INSPECTIONS, INC. - CONTRACT 137370

PAYMENT TERMS: Net 30
 DELIVERY: 30 Days ARO

Awarding both regular and emergency testing in the following categories:

	<u>Regular Schedule Test Inspection</u>	<u>Emergency Schedule Test Inspection</u>
2.0 Aerial Personnel/Bucket Truck Inspections		
2.1 Annual test and inspection for aerial personnel devices that DO NOT require dielectric test, per ANSI/SIA A92.2 most current version per specification 2.0.	\$255.00	\$385.00
2.2 Annual test and inspection for aerial personnel devices that DO require dielectric test per ANSI/SIA A92.2 most current version per specification 2.0.	\$339.00	\$469.00
3.0 Digger Derricks		
3.1 Annual test and inspection for digger derricks that DO NOT require dielectric test, per ANSI A10.31 most current version per specification 3.0.	\$255.00	\$385.00
3.2 Annual test and inspection for digger derricks that DO require dielectric test, per ANSI A10.31 most current version per specification 3.0.	\$339.00	\$469.00
4.0 Under Bridge Equipment		
4.1 Annual test and inspection for under bridge machine per ANSI/SIA A92.8 or most current version per Specification 4.0.	\$374.00	\$504.00
5.0 1-9- & 10-50-Ton Truck Mounted Hydraulic Crane		
5.1 Annual test and inspection for mobile (truck mounted) hydraulic crane 1-9-ton capacity per ANSI B30.5 most current version per specification 5.0.	\$125.00	\$150.00
5.2 Annual test and inspection for mobile (truck mounted) hydraulic crane 9-50-ton capacity per ANSI B30 most current version per specification 5.0.	\$155.00	\$205.00
6.0 Manual Propelled Man Lift		
6.1 Annual test and inspection for manual propelled man lift per ANSI A92.3 most current version per specification 6.0.	\$ 95.00	\$145.00
7.0 Overhead Cranes		
7.1 Annual test and inspection for overhead cranes per ASME B30 most current version per specification 7.0.	\$105.00	\$145.00
8.0 Automotive Lifts		
8.1 Annual test and inspection for Automotive Lifts per ANSI/ALI ALOIM 2008 R2013 most current version per specification 8.0.	\$ 95.00	\$145.00

PRODUCT OR SERVICE

SWIFT UNSPSC: 81141804