January 3, 2011

To: ACHD Commission  
J. Schweitzer, ACHD Director

From: Jenny Simpson, Maintenance Fleet Administrator

Subject: Purchase of Two New Aerial Lift Units

FACTS AND FINDINGS:
The Traffic Department’s Signal Maintenance crew uses their aerial lift units (bucket trucks) on a daily basis to repair over 400 traffic signals, 200 school flashers, 15 fire station signals, and 12 pedestrian signals throughout the County. These units are also used for various other tasks throughout the traffic program. As required by law, these trucks must be inspected and certified annually to meet safety standards. With the maintenance history and age of our current trucks (a 1998 and 1999 model that have reached their full depreciation), staff believes it is no longer cost effective to maintain these trucks, and recommends these two units be replaced. The Maintenance Department budgeted for these replacements in our 2011 Budget.

The units that are recommended will improve safety for the crew and will add to the safety and convenience of the traveling public. These new units were specified to have a double knuckle boom to eliminate the off side protrusion into traffic for improved safety and traffic flow as depicted below.

Unit to be replaced: New unit as specified:

The new two aerial lift trucks will be procured by using the GSA Contract #GS-30F-1024H (see attached).
**FISCAL IMPACT:**
None. The Maintenance Department budgeted sufficient funds for the aerial lift units.

Unit Cost with chassis: $125,658.00    Total Cost: $251,316.00

**RECOMMENDATION:**
Staff submitting recommends the ACHD Commission authorize the purchase of two aerial lift units from the GSA Contract #GS-30F-1024H.

**SIGNATURE OF STAFF SUBMITTING:**

______________________________

Michael Brokaw, Operations Deputy Director
Jim Buffington, Maintenance Dept. Manager
Maintenance Equipment Files

Enclosures
TO: Jenny Simpson  
Ada County Highway District  
3775 Adams St.  
Garden City, Id. 83714  
Ph: (208) 387-6381

SUBJECT: Quote G-8756  
GSA CONTRACT # GS-30F-1024H

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>VST-36-I</td>
<td>We are pleased to quote the VERSALIFT VST-36-I, insulated 36 ft. (11.0 m) telescopic aerial platform lift, 41 ft. (12.5 m) working height including the following items:</td>
<td>$99,065.00</td>
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</tbody>
</table>

STANDARD FEATURES:
- 26,000 GVWR, 84” Ford F650 4X2 chassis with manual transmission, diesel engine, and no air conditioning.
- 132” steel service body with standard compartments treadplate tops and 24” tailshelf.
- Standard platform capacity of 350 lbs. (160 kg).
- A-frame outriggers.
  - Platform mounted Unitrol single lever full pressure controls, including safety trigger, emergency stop/dump valve, and tool selector.
  - Hydraulic platform rotator.
  - Full pressure turret mounted lower controls with override.
  - Engine start/stop from platform and lower controls.
  - Continuous rotation including one pass slip ring for start/stop system.
  - Six gpm (22.7 lpm) open center hydraulic system at 2500 psi (175 kg/cm²).
  - Side mounted telescopic upper boom for low stowed platform. Fiberglass inner boom and patented ELECTROGARD provide insulation gap fully retracted meeting ANSI A92.2-2001 requirements for Category C, 46 KV and below.
  - Chassis insulating system (fiberglass lower boom insert) providing 12 in. (0.30 m) insulation gap and including accommodations to bridge insulation gap for testing per ANSI A92.2-2001.
  - ELECTROGARD and inner boom furnished with white urethane paint over a white gel coat.
  - Non-lube bearings used throughout.
  - One set hydraulic tools at platform. Quick disconnect couplers not included.
  - Integral hydraulic oil reservoir with dual sight gauges and 17 gallon (64.4 l) capacity.
- Bottom suction with a gate valve is provided.
  - Closed 24 in. X 24 in. X 42 in. (0.61m X 0.61m X 1.07m) fiberglass platform with one curbside step (in end hung position)
  - Master/slave hydraulic leveling with upper control to tilt for cleanout or rescue.
  - Upper boom storage cradle with ratchet type tie down strap and tubular rubber platform support
  - PTO and pump power source.
  - Hydraulic oil.
  - Mounting hardware.
  - White enamel paint.
  - Safety belt and lanyard.
  - Two operator’s manuals and two service manuals.
  - ANSI A92.2-2001 data plate.
**STANDARD GSA OPTIONS:** The options listed are available at standard lead times at the prices shown. Prices are in addition to above price.

<table>
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</tr>
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<tr>
<td>24&quot; X 30&quot; X 42&quot; PLATFORM IN LIEU OF THE ABOVE 24&quot; X 24&quot; X 42&quot; PLATFORM</td>
<td>$157.00</td>
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<tr>
<td>24&quot; X 30&quot; PLATFORM COVER AND LINER</td>
<td>$227.00</td>
</tr>
<tr>
<td>EMERGENCY POWER</td>
<td>$460.00</td>
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</tbody>
</table>

**CUSTOMER REQUESTED OPTIONS:** Prices are in addition to above price.

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<td>2011 FORD F550 4X2 REGULAR CAB AND CHASSIS WITH 60&quot; CAB TO AXLE, 19,500 GVWR, 6.7L V8 DIESEL ENGINE, 6 SPEED AUTOMATIC TRANSMISSION, AIR CONDITIONING, ENGINE BLOCK HEATER, CLOTH 40/20/40 SPLIT BENCH SEAT, AM/FM RADIO, TOW COMMAND SYSTEM, TRAILER BRAKE CONTROLLER, TILT STEERING, CRUISE CONTROL, POWER EQUIPMENT GROUP, DAYTIME RUNNING LIGHTS, TELESCOPING POWER MIRRORS, 40 GALLON FUEL TANK, SPARE TIRE AND WHEEL, 6&quot; ANGULAR MOLDED BLACK STEP BARS, AND 4.88 REAR RATIO WITH LIMITED SLIP IN LIEU OF THE ABOVE CONTRACTED FORD F650 4X2 CAB AND CHASSIS $&lt;3,740.00&gt;</td>
<td></td>
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<tr>
<td>108&quot; LONG STEEL SERVICE BODY WITH THREE CURBSIDE AND STREETSIDE COMPARTMENTS, 30&quot; LONG TAIL SHELF WITH REAR SKIRT, ACCESS STEP ON CURBSIDE CUT INTO TAIL SHELF, ONE (1) RUBBER SUSPENDED REMOVABLE STEP, GRABRAILS, LOW PROFILE TAILGATE, LIGHT PACKAGE INCLUDING STORAGE COMPARTMENT LIGHTS, ALUMINUM DIAMOND PLATE ROCK GUARDS, KEYLESS ELECTRONIC REMOTE DOOR LOCKING SYSTEM, 26&quot; X 40&quot; TOOL DRAWER INSTALLED IN REAR CURBSIDE CABINET, WHEEL CHOCK HOLDERS, SPARE TIRE CARRIER, AND UNDERCOATED IN LIEU OF THE ABOVE GSA STANDARD BODY</td>
<td>$10,420.00</td>
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<tr>
<td>FULL SAFETY HARNESS IN LIEU OF THE SAFETY BELT</td>
<td>$74.00</td>
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<tr>
<td>8&quot; X 19&quot; X 8&quot; TOOL TRAY</td>
<td>$137.00</td>
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<tr>
<td>OUTRIGGER BOOM INTERLOCK</td>
<td>$894.00</td>
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<tr>
<td>TWO (2) ECCO MODEL 5135 FIFTEEN INCH MINIBAR DUAL ROTATING LIGHTS MOUNTED ON FRONT CORNERS OF CAB GUARD</td>
<td>$915.00</td>
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<tr>
<td>FOUR (4) ECCO MODEL 3710 SIX INCH DIRECTIONAL LED LIGHTS MOUNTED INPAIRS ON CURBSIDE AND STREET SIDE BODY</td>
<td>$1,344.00</td>
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<tr>
<td>ONE (1) ECCO MODEL 5135 FIFTEEN INCH MINIBAR DUAL ROTATING LIGHT MOUNTED ON TOP REAR STREET SIDE OF BODY</td>
<td>$406.00</td>
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<tr>
<td>TWO (2) ECCO MODEL 3760 SIX INCH DIRECTIONAL LED LIGHT MOUNTED IN TAIL SHELF REAR SKIRT</td>
<td>$680.00</td>
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<tr>
<td>ONE (1) SET OF WHEEL CHOCS, CONE HOLDER, AND MUD FLAPS</td>
<td>$334.00</td>
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<td>PLATFORM ACCESS STEPS. ONE (1) CHROME STEP FLUSH MOUNTED TO REAR OF BODY. ONE (1) 12&quot; X 20 X 10&quot; MOUNTED ON TOP REAR BODY</td>
<td>$377.00</td>
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<tr>
<td>KERINS MODEL K-360 COMBO PINTLE HITCH WITH 2&quot; BALL WITH 7 RPONG TRAILER PLUG, 10,000 LB. RECEIVER AND TRAILER BRAKE CONTROLLER</td>
<td>$820.00</td>
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<tr>
<td>ECCO MODEL SA901 SMART ALARM BACK UP ALARM</td>
<td>$220.00</td>
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<tr>
<td>VISE MOUNT THE FULL WIDTH OF TAIL SHELF</td>
<td>$515.00</td>
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<tr>
<td>NAPA #BK7825259 JUMPER CABLES WITH STATIONARY CABLE CONNECTOR LOCATED AT FRONT OF VEHICLE AND WIRED TO BATTERIES</td>
<td>$480.00</td>
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<tr>
<td>DIMENSIONS MODEL 12X16U INVERTER WITH DEEP CYCLE BATTERY, ELECTRICAL REEL WITH 50' X 1 2/3 ELECTRICAL CABLE, 20 AMP 110V GFCI</td>
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</tbody>
</table>
DUAL ELECTRICAL OUTLET BOX  
OPTICOM MODEL 792 EMMITTER INFARED SYSTEM (SEE BROCHURE ATTACHED)  
ECCO #3335 LED TRAFFIC DIRECTOR, RECESSED IN THE TAILSHELF

G-8756
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CUSTOMER REQUESTED OPTIONS CONTINUED: Prices are in addition to above price.

. GALVANIZED GRIP STRUT WALKWAY ON TOP OF PASSENGER SIDE COMPARTMENT 18" X 108", BARE FINISH  $550.00
. CABLE STEP ON PASSENGER SIDE, RECESSED UNDER THE REAR SIDE ACCESS STEP  $105.00
. LADDER RACK ON DRIVER’S SIDE COMPARTMENT TOP, COLOR WHITE  $525.00
. FIBERGLASS AUXILIARY STEP INSERT FOR PLATFORM, #SP30S SCUFF PLATE WITH STEP  $200.00
. PTO HOURMETER  $145.00
. P.D.I. TRUCK CHASSIS  $120.00
. CHASSIS UREA TANK RELOCATION  $225.00
. CENTER THRUST ALIGNMENT AFTER INSTALLATION  $275.00
. SADDLE BLANKET TYPE SEAT COVERS, 2” ROUND SAFETY REFLECTORS, FIRST AID KIT, AND DOOR DECAL INSTALLATION  $423.00
. SPARE TIRE CARRIER  $165.00

COMPLETE TOTAL PRICE F.O.B. GARDEN CITY, IDAHO:  $124,216.00

ADDITIONAL CUSTOMER OPTION: Prices are in addition to above price.

. ALUMINUM CAB GUARD SIZED TO COVER FULL WIDTH OF CAB FROM TOP OF UTILITY BODY TO TOP OF CAB  $1,442.00

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TERMS: Net 30 days.
SHIPMENT: Approximately 180 days after date of order.

Best Regards,

Stan Tomchesson
Quote Manager
Time Manufacturing Company  
(254) 399-2167  
(254) 399-2651  
stant@timemfg.com