

**The City of Rawlins is Requesting a Bid for one (1) Trailer Mounted
2026 Video Inspection System. Alternate bids will be Considered Utilizing our Existing
Trailer and Retrofitting It, or a Trade-In of our 2013 System.**

INTENDED USE OF PRODUCT

Video inspection of sanitary and storm sewer mains to help schedule maintenance and repairs based on the inspection results, also used to map and locate system layout, using City ESRI GIS platform enabling bi-directional transfer of data.

TRAINING AND SERVICE REQUIREMENTS

1. Successful Bidder must provide initial training of City staff on use of equipment and GIS integration and provide ongoing technical support via phone and/or online.
2. Successful Bidder must provide two (2) hard copies of the operations and maintenance manuals and parts manuals for all equipment provided in addition to one (1) digital copy of said manuals.

WARRANTY

Successful Bidder must provide a minimum 3-year full warranty on trailer and a 1-year full warranty on all other equipment and components delivered, with loaner program during warranty period.

PRODUCT DELIVERY

Product must be delivered completely ready for operation by City staff.

ENCLOSED TRAILER

1. Minimum of 6' x 10' body and 5000 GVWR.
2. Galvanized or undercoated underbelly.
3. Exterior shall be red.
4. Dust proof sidewall design.
5. Curb-side access door to the Control Room, lockable and capable of being opened from both inside and outside, two swing doors at rear capable of being fastened or fixed open while unit is in use.
6. Independent torsion suspension axles.
7. Trailer rated radial tires.
8. Tongue actuated hydraulic surge brakes, with 2-5/16 ball hitch.
9. Dual safety chains welded or bolted in place.
10. Long life coating on all exterior fasteners.
11. Automotive style weather strip on all doors.
12. License plate holder with light.
13. Reinforced roof for air conditioning unit.
14. Stabilizer jacks at rear corners.
15. Double swing full opening rear doors with semi-style cam locks, doors need to be securely latched in place while in the fully open position.
16. Interior finished in white vinyl.
17. Provide TV access door on street side of rear door, with latch and hinges.

GENERATOR

1. 5,500W gas powered, commercial grade (Honda), generator, 120V, 60HZ or approved equivalent.
2. Electric local and remote start/stop control.

3. Generator enclosure (OEM).
4. Installed exhaust hose and power cables.
5. Auxiliary battery, 12V DC and case.
6. Auxiliary battery charger, 10 amp minimum.
7. Electric power transfer system, house or generator, automatic.
8. Electric distribution panel and circuit breaker box.
9. House power exterior GFI connection with weatherproof cover.
10. System engineering panel to include: generator volt meter, generator frequency meter, generator hour meter, generator start/stop switch.
11. Minimum of 10 gallon fuel tank with gauge.

CONTROL ROOM INTERIOR

1. In front of trailer.
2. Industrial grade non-skid floor covering.
3. White or light grey laminated surface wall and ceiling covering.
4. Separation of Control and Equipment rooms by a bulkhead wall with Plexiglas window, partition to provide for doorway access between Control and Equipment rooms.
5. Exterior mounted air conditioner unit.
6. Electrical heat strip inside control room.
7. Contoured and finished control desk.
8. Fluorescent lighting system.
9. 2 Duplex grounded 120V AC sockets.
10. Operator chair, swivel with casters, able to be fastened down during transport.
11. All equipment must be able to be secured during transport.
12. Foam insulated control room.
13. Fire extinguisher.
14. Fixed bench seat.

EQUIPMENT ROOM INCLUDING

1. Industrial grade non-skid floor covering.
2. White vinyl wall and ceiling coverings.
3. 2 Duplex electrical outlets, 120V AC grounded.
4. 2 Interior fluorescent light fixtures with switch.
5. Equipment storage brackets and hooks.
6. Down hole lowering device equipment storage.
7. Tie down brackets along floor, minimum of four (4).

SYSTEM CONTROL UNIT (SCU), HARDWARE AND SOFTWARE

1. Two (2) non-glare 22 inch (minimum) color LCD monitor with sun shield, external speaker and volume controls.
2. Additional LCD display with sun shield in the rear of trailer (19 inch minimum).
3. Rack-mounted SCU.
4. Rack-mounted CPU with 500 GB internal hard drive (minimum) and removable 500 GB external hard drive with merge-able database compatibility and full alphanumeric "QWERTY" keyboard and battery back-up.
5. Data collection software compatible with ESRI Arch GIS used to map and locate system layout; using City ESRI platform enabling bi-directional transfer of data, two (2) licenses, for trailer and office.
6. Data collection software integrable with asset management software such as Cityworks.

7. PACP software module, 6.0 certified.
8. Light head protection system with an auto reset circuit breaker and trip indicator light.
9. Light head intensity control knob.
10. AC power switch with indicator light.
11. Set of individual circuit breakers for AC power input/light head power output and camera power output.
12. 120V AC power input GFI protected plug with cord.
13. 120V AC duplex GFI protected outlet.
14. Multi-function system diagnostic test meter with concurrent volt and amp readout.

ZOOM PAN AND TILT CAMERA W/HIGH INTENSITY LIGHTING (LED)

1. Zoom pan and tilt camera w/360 degree rotation.
2. LED lighting system.
3. Minimum 40 x zoom (10x optical & 4x digital).
4. Preset view positions (6 minimum) up, down, right, left, lat. R, lat. L.
5. Camera/transport storage and transport case.
6. Spare parts/camera recharge kit.
7. Test cable.
8. Desktop dual mode camera controller including: joystick for axial rotation and pan and tilt angle; remote focus; zoom in/out; home, diagnostics, white balance and preset switches.
9. Rear facing camera for reversible tractor.

STEERABLE SELF-PROPELLED TRACTOR

1. Compatible with relined 6-inch to 24-inch lines.
2. Tractor assembly with continuous duty drive motors, with forward, reverse and neutral.
3. Manual camera lifting system to lower and raise tractor out of manholes.
4. Auxiliary high power detachable light head (LED).
5. Storage and transport case.
6. Set maintenance parts.
7. Tractor power supply and control module with volt amp meters, circuit breakers (2), on/off switch and direction control display.
8. Tactor remote control device.

CABLE AND REEL ASSEMBLY

1. Permanently mounted frame, drum and motor assembly with clutch and cable level wind assembly.
2. Footage meter with local LCD footage display and encoder for footage signal to remote video data display system.
3. Emergency hand crank arm.
4. 1000 LF of continuous lightweight low friction conductor cable.
5. Cable guide roller assembly.
6. Auto rewind for cable.

CABLE MANHOLE GUIDE SYSTEM

1. Manhole bottom roller assembly and adapter hook assembly.
2. Manhole top roller assembly.
3. Tiger tail bottom cable guide.
4. Maintenance tool kit.

WATER, WASH DOWN SYSTEM FOR EQUIPMENT CLEAN-UP

1. Water storage tank, 10 gallon minimum with fill, vent and drain connections.
2. Electric water tank demand pump with on/off switch at rear of trailer.
3. 15 ft minimum retractable hose on a spool with spring-loaded nozzle on a wand.
4. Reel stand to store tractor/camera.
5. Two (2) 55 gallon drums of Simple Green Concentrated Degreaser Deodorizer.

ALTERNATE #1

Trade in of (1) 2013 Aries video inspection system with trailer.

ALTERNATE #2

Retrofit existing video inspection trailer with all new equipment.

Company Name _____ Phone _____

Email _____ Fax _____

Signature _____ Printed Name _____

STATE OF _____

:ss.

COUNTY OF _____

On this _____ day of _____ 2026, _____ personally appeared before me, and being by me duly sworn, did say that he/she is the signer of the foregoing for and on behalf of the company listed above, with actual and requisite authority, and acknowledged to me that he/she has fully reviewed and executed the same.

Notary Public

My Commission Expires: _____

(SEAL)