

CONTRACT DOCUMENTS and TECHNICAL
SPECIFICATIONS

Acquire Loader Attachment Snow Blower



Telluride Regional Airport Authority

1500 Last Dollar Rd.

Telluride, Colorado 81435

970-728-8601

INVITATION FOR BIDS

Telluride Regional Airport Authority

Telluride, Colorado

Sealed bids, subject to conditions contained herein, for the acquisition of equipment for the Telluride Regional Airport, Telluride, Colorado, will be received by the Telluride Regional Airport Authority at Telluride Regional Airport Administration Office, 1500 Last Dollar Rd, Suite 1, Telluride Colorado 81435, until February 27st, 2020 at 4:00 p.m., and then publicly opened and read aloud.

The work involved will include the following:

ACQUIRE LOADER ATTACHMENT SNOW BLOWER

The Contract time for this project is 180 Calendar Days (s). Manufacturer may propose a reasonable alternative timeline if necessary.

Contract Documents The Complete set of Specifications and Bid Documents can be downloaded on <https://tellurideairport.com/public-notices/>, beginning February 9, 2020. In order to submit a responsive bid as Prime Contractor and to receive all necessary addendum(s) for this project, you must be on the Bidder's List. To view all bid documents (contract documents, specifications and addendums) you must submit a request to Kenneth Maenpa, Airport Manager. **It is the bidder's responsibility to review the site for addendums and changes before submitting their proposal.** For additional information, please contact via email at Kenneth Maenpa kenny@tellurideairport.com

Pre-Bid Conference There will be no Pre-Bid Conference for this project. The supplier may examine onsite equipment in order to ensure that the proposed equipment will work with existing equipment. A list of applicable Telluride Regional Airport existing snow removal equipment as follows:

1. John Deere 724K wheel loader
2. 24' Gjerstad – ramp snow pusher
3. Runway Light Plow – Tellefsdal

The Sponsor understands that different manufacturers will have different standard options. Where specific equipment is called out, it is done so for the purposes of comparison only. The Bidder / Manufacturer is encouraged to ask questions should the specifications call out equipment and specs that differ from that used on their specific product. The sponsor shall review any deviation from the project specification and make a determination of the deviation. Questions are encouraged to be submitted early in the bidding process to provide the sponsor with enough time to review a deviation and make a determination of acceptability.

Bid Conditions – The bidder is required to provide all information as required to provide all information as required within the Contract Documents. The bidder is required to bid as other wise detailed in the Instructions to Bidders.

Bids may be held by Telluride Regional Airport Authority for period not to exceed 90 calendar days from the date of the bid opening for the purpose of evaluating bids prior to award of contract.

The right is reserved, as Telluride Regional Airport Authority may require, to reject any and all bids and to waive any informality in the bids received.

All questions regarding the bid to be directed to Kenneth Maenpa, Airport Manager, 1500 Last Dollar Rd. Telluride, CO 81435, by email kenny@tellurideairport.com. Questions should be submitted any time before 12:00 p.m. on Friday February 14, 2020.

Bid Bond Not required.

Performance & Payment Bond Not Required.

Title VI Solicitation Notice: The Telluride Regional Airport Authority, in accordance with the provision of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. 2000d to 2000d-4) and Regulations, hereby notifies all bidders that it will affirmatively ensure that any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

Telluride Regional Airport Authority
Telluride, Colorado

INSTRUCTIONS TO BIDDERS

Hereinafter in these Contract Documents including these Instructions to Bidders, Sponsor/Owner refers to Telluride Regional Airport Authority, 1500 Last Dollar Road, suite 1, Telluride, CO 81435.

1. Submission of Bids
 - a. Contract Documents shall be completed and submitted in its entirety in order for the bid to be considered responsive.
 - b. Bids are to be submitted in a sealed envelope to Telluride Regional Airport Authority, Administration, 1500 Last Dollar Rd., Suite 1, Telluride, CO 81435.
 - c. Date/Time: Bids shall be received on or before: Thursday, February 27, 2020 at 4:00 p.m., at Telluride Regional Airport.
 - d. Bidding Documents: Bidding documents must be downloaded from <http://tellurideairport.com>
2. Pre-Bid Conference
 - a. There will be no Pre-Bid Conference for this project.
3. Late Bids/Late Modifications of Bids:
 - a. Bids received in the office designated under Item 1-b above, after the exact time set for opening are considered "late bids" and will not be accepted by the Bid Opening Official. Bidder are solely responsible for ensuring their bids arrive on time and to the place of bids specified in the Invitation For Bids.
 - b. The Owner will not consider a late bid or late modification of bid. Any late bid will be returned to the bidder sealed.
4. Rejection of Bids
 - a. Any bid that fails to conform to the essential requirements of the invitation for bids will be rejected.
 - b. A bid shall be rejected when the bidder imposes conditions that would modify requirements of the invitation or limit the bidder's liability to the Owner, since to allow the bidder to impose such conditions would be prejudicial to other bidders. For example, bids shall be rejected in which the bidder:
 - i. Protects against future changes in conditions, such as increased costs, if total possible costs to the Owner cannot be determined.
 - ii. Fails to state a price and indicates that price shall be "price in effect at time of delivery".
 - iii. State a price but qualifies it as being subject to "price in effect at time of delivery".
 - iv. Takes exceptions to the invitation for bids terms and conditions.
 - v. Inserts the bidder's terms and conditions.
 - vi. Limits the rights of the Owner under any contract / invitation for bid clause.
5. Identification of Bid
 - a. Bidder shall submit in its sealed and marked envelope, one (1) copy of its bid, signed in ink.
 - b. Bids must be returned in a sealed envelope and addressed to the Telluride Regional Airport, 1500 Last Dollar Rd, Suite 1, Telluride, CO 81435 and marked as follows:
 - i. Bid of _____
Name of Contractor

For the acquisition of equipment for the Telluride Regional Airport Authority, Telluride, Colorado. To be opened Friday, February 27, 2020 at 4:00 p.m. local time in Telluride Regional Airport Administration Office.

6. **Basis of Award** The Owner intends to award a contract resulting from this solicitation to the lowest, responsive, responsible bidder, whose offer, conforming to the solicitation, will be most advantageous to, and in the best interest of, the Owner, cost or price and other factors considered.
 - a. In addition to other factors, bid offers will be evaluated on the basis of advantages and disadvantages to the Owner that might result from offers received.
 - b. The Owner reserves the rights to reject any or all proposals and to waive informalities and/or irregularities in the bid offer.
 - c. Total bid will be evaluated and awarded as follows: It is the Owner's intent to award this bid based on the TOTAL BASE BID. The total base bid shall consist of the bid price for complete manufacturing and delivery of equipment identified.
 - d. The project award is contingent on the availability of funding.
7. **Period of Acceptance** The bidder agrees that its bid offer shall remain open for acceptance by the Owner for a period of 90 calendar days from and including the date specified in the solicitation.
8. **Contract Award** The signature of the bidder indicates that within fifteen (15) calendar days from acceptance of its bid offer it will execute a contract with the Owner.
9. **Notice to Proceed/Notice of Award** Work may not start under any awarded contract until a written notice to proceed/Notice of Award is issued by the Owner. Manufacturing of this equipment is expected to take place during the Summer/Fall 2020.
10. **Questions and Other Requests for Information:**

Telluride Regional Airport Authority
Kenny@tellurideairport.com
11. **Specifications** Upon award of the contract, the Owner will be responsible for furnishing the selected contractor a minimum of one (1) set of specifications.
12. **Type of Contract** It is the intent of this Invitation for Bids to award a firm fixed price Contract based on the pieces offered by the lowest responsive and responsible bidder. Contract prices shall remain firm and fixed throughout the contract performance period.
13. **Bid Results** Once the Sponsor has had the opportunity to thoroughly evaluate the bids, the Bid Result tabulations will be e-mailed to all parties that submitted qualified bids.

CONTRACT PROPOSAL

TO: Telluride Regional Airport Authority
Telluride, Colorado

1. The undersigned hereby certifies that they have examined the form of contract, plans and specifications and other associated Contract Documents for the acquisition of equipment. The Undersigned further certifies that they have examined the site of the work, has determined the conditions affecting the work and subject to acceptance of the proposal, agrees to provide at their expense, all labor, insurance, superintendence, machinery, plant, equipment, tools, apparatus, appliances, and means of construction, and all materials and supplies complete the entire work, including work incidental thereto, in conformance with the plans, specifications, and associated contract documents.
2. The undersigned acknowledges that the Contract Documents consist of the Invitation for Bid, Instruction to Bidders, all issued Addenda, Proposal, Statement of Qualifications, Notice of Award, Contract Agreement, and Technical Specifications.
3. The undersigned, in compliance with your Invitation for Bids dated February 7, 2020, hereby proposed to do the work called for in said contract and specifications and shown on said plans and to furnish all materials, tools, labor, and all appliances and appurtenances necessary for the said work at the following rates and prices:
TOTAL BID (Base Bid) _____
TOTAL BID IN WORDS _____
4. The undersigned understands that the above equipment manufactured to be done are approximate only and are intended principally to serve as a guide in evaluating the bids.
5. The undersigned further agrees that if awarded the contract, they will commence work within ten (10) calendar days after the receipt of a notice to proceed and that they will complete the work within 180 Calendar Day (s).
6. The undersigned hereby declare that the only parties interested in this proposal are named herein, that this proposal is made without collusion with any other person, or corporation. That no member of the board, officer or agent of Telluride Regional Airport Authority, is directly or indirectly financially interested in this bid.
7. The undersigned acknowledges receipt of the following Addendums:
 - a. Addendum No. _____ Date Received _____

SIGNATURE OF BIDDER:

By: _____

Name and Title of Authorized Agent

Name of Company

CONTRACTOR INFORMATION

1. Name of Bidder / Contractor: _____
2. Type of Business Entity: _____
3. Address of Contractor/Business: _____
4. Telephone: _____
E-Mail _____
5. Established where and when: _____
6. Contractors Banking Information: _____

7. Principal Officers of Contractors:

Name: _____	Name: _____
Title: _____	Title: _____
 Name: _____	 Name: _____
Title: _____	Title: _____
8. Bidder's/Contractor's state of incorporation (State of organization if an LLC or Partnership)

9. Name and Address of person to receive payment: _____

EQUIPMENT

<u>Description (1 Unit)</u>	<u>Unit Price</u>	<u>Total</u>
Acquire Loader Attachment Snow Blower	\$ _____	\$ _____

CONTRACT AGREEMENT

Telluride Regional Airport Loader Attachment Snowblower

THIS AGREEMENT, Made and entered into this _____ day of _____, 20____
By and between Telluride Regional Airport Authority, Party of the First Part, hereinafter
referred to as the "Owner", and _____, Party of the
Second Part, hereinafter referred to as the "Contractor", for the manufacture and equipment of
_____ and other incidental work for Telluride Regional
Airport.

WITNESSETH:

ARTICLE 1. It is hereby mutually agreed that for and in consideration of the payments as provided for herein to the Contractor by the Owner, the said Contractor shall furnish all labor, equipment, and material and shall perform all work necessary to complete the equipment acquisition in a good and substantial manner, ready for use, and in strict accordance with this Contract, a copy of which is provided to both parties.

ARTICLE 2. It is hereby further agreed that in consideration of the faithful performance of the work by the Contractor, the Owner shall pay the Contractor the compensation due to them by reason of said faithful performance of the work.

ARTICLE 3. It is hereby further agreed that, at the completion of the work and its acceptance by the Owner, all sums due the Contractor by reason of said faithful performance of the work, taking into consideration additions to or deductions from the Contract price by reason of alterations or modifications of the original Contract, will be paid the Contractor by the Owner after said completion and acceptance.

ARTICLE 4. The Contractor agrees to perform all the work describe in the Contract Documents for the unit price and lump sums as submitted in the Bid, taking into consideration additions to or deductions from the Total Bid by reason of alterations or modifications of the original bid.

ARTICLE 5. The Contractor agrees to commence work within ten (10) calendar days after the receipt of a notice to proceed and the Contractor further agrees to complete said work within 180 Calendar Days.

The total estimated cost for Telluride Regional Airport Authority thereof to be: _____
_____ (\$ _____).

IN WITNESS WHEREOF, the Party of the First Party of the First Part and Party of the Second Part, respectively, have caused this Agreement to be duly executed in day and year first herein written two (2) copies, all of which to all intents and purposed shall be considered as the original.

CONTRACTOR, Party of Second Part

OWNER, Party of the First Part

By: _____

By: _____

(Office or Position of Signer)

(Office or Position of Signer)

(SEAL)

(SEAL)

ATTEST: _____

ATTEST: _____

(Office or Position of Signer)

(Office or Position of Signer)

TECHNICAL SPECIFICATIONS

SPECIFICATIONS FOR LOADER ATTACHMENT SNOW BLOWER

The specifications and information contained in this document are intended to describe a Loader Attachment Snow Blower that is suitable for the demands of operations at Telluride Regional Airport.

These specifications shall be construed as the minimum acceptable standard for a loader attachment snow blower.

All integral parts not specifically mentioned in the scope of these specifications that are necessary to provide a complete working unit shall be furnished. Additionally, the machine offered for bid shall include all standard manufacturers' equipment. The loader attachment snow blower must have a new current production year model and meet all current EPA, State, and other Federal Standards.

Quality, construction details, performance characteristics and price quotations will be analyzed and the loader attachment snowblower, which is best serves the interest of Telluride Regional Airport may be purchased. Telluride Regional Airport Reserves the right to reject any and or all proposals. Bidders must be able to offer parts and supplies for all the components of the machine.

Minor deviations from these specifications may be acceptable provided that the operating characteristics and capabilities of the unit or its components are not adversely affected.

This loader attachment snow blower will require a hitch that is compatible with a 2016 John Deere 724K to be coupled with existing attachments, tools, and/or equipment currently being used by the Telluride Regional Airport.

The following specifications should be met or exceeded.

1.0 General / Body

- A. Maximum weight: 20,000 lbs. and must be useable with a 20-24 ton wheel loader
- B. Stainless steel bolts shall be used in the assembly of the unit
- C. Main frame made of compact steel
- D. Corrosion protection in hollow spaces
- E. Fiberglass engine hood (preferred)
- F. The structural design of this unit shall allow the unit to be fitted with caster wheel support assemblies on the blower head

2.0 OUTPUT

- A. Minimum capacity: 4,400 tons per hour
- B. Minimum throw distance: 100 feet

3.0 ENGINE

- A. Six (6) cylinders; turbo charged and charging air cooler
- B. EPA Tier IV compliant
- C. Minimum net horsepower: 500 hp
- D. Minimum displacement: 550 cu. In.
- E. Antifreeze that protects to -58 F
- F. Vertically mounted filter to minimize oil spillage during filter change

4.0 DISCHARGE

- A. Horizontal auger with fast turning impeller (blower head)
- B. Two separate shear pin systems required; one for the auger and one for the complete driveline
- C. Turnable impeller housing
- D. Impeller housing must be locked in position by a pilot guided valve
- E. Impeller housing should be made of Hardox steel or approved equal
- F. Chute with extension, hydraulically adjustable flap and slewing ring with minimum turn radius of 200 degrees
- G. Moldboard must be able to accommodate both poly or steel edges

5.0 HYDRAULIC SYSTEM

- A. System shall be the size, type and capacity to perform all required operations
- B. Individual hydraulic pumps for the following components:
 - Lubricating pump for transmission and gears
 - Hydraulic pump for control functions
 - Hydraulic pump for clutch and brakes
- C. Additional valving, electrical and joystick for loader attachment snow blower
- D. System shall be sealed against containments and filters

6.0 ELECTRIC SYSTEM

- A. Equipped with a minimum of two mounted work lights forward facing on top of unit
- B. Equipped with automatic electronic self-diagnostic system testing component upon start-up (with problem messaging)
- C. Equipped with two or more mounted emergency stop switches
- D. Onboard 220V battery charger
- E. 800 CCA maintenance free batteries
- F. 24 volt starting system
- G. NATO socket

START UP AND TRAINING

The unit must be fully assembled and tested prior to delivery. Shipping cost is the responsibility of the bidder. FOB the buyer. A qualified factory representative must fully install, start-up and test the unit prior to training. Training shall be performed by factory trained and authorized technician. The training shall be performed at the customer's site and shall be 4 hours for operators training and an additional 4 hours for mechanics training (mechanics shall attend the operating training first). The purpose of this training is to review safe and effective procedures for use and maintenance of the machine, review and test all systems, assure the full function of the machine.

MANUALS

Technical Publications. Successful bidder shall provide both paper and electronic copies of electrical schematic that include a computer search function. Successful bidder shall also provide at no extra charge the software required to view schematics and operate this search function. The cost of the software and any license fees for use are to be included in the single bid price. The manufacturer shall furnish two sets of the following publications:

Operator's Manual. The operator's manual includes lubrication charts and instructions.

Parts Manual. The parts manual identifies and lists all parts, components, and sub-assemblies used in the fabrication of the carrier vehicle.

Maintenance and Service Manual. A maintenance and service manual provide guidance to non-specialists performing routine services. The manual should also describe in detail with appropriate schematics the overhaul and major maintenance procedures required to maintain the vehicle.

DELIVERY

Preparation for Delivery.

- Shipment. The vendor "seller" is responsible for the safe and timely delivery of the vehicle and its accessories, spare parts, and tools to the agree place of delivery. There will be no payment for delivery as it is incidental to the equipment. Deliver shall be made 180 calendar days from receipt of purchase order or notice to proceed.
- Marking. Carrier vehicles shall be marked for shipment in accordance with instructions agreed to by the purchaser.

Component Sourcing. Because of the critical nature of this machinery, it is essential that the complete unit and all components be newly manufactured and unused. To this end, the purchaser reserves the right to compare serial numbers of engines, transmissions, transfer cases and axles with the current production records of the component manufacturers. Any component found to be used, or not of current production will be rejected. The contractor (bidder) will replace the component in question with an appropriate and acceptable new replacement component at their own expense.

Manufacturer / Supplier Stability. In the interest of continued and reliable service, parts and technical support, equipment suppliers shall have exhibited a consecutive history of financial stability and manufacture of similar equipment over a minimum of the past ten years. Documentation shall be provided in the bid package to verify such continuous business activity, such as location and contact lists (minimum 10 users), financial statements, and annual reports.

Support. Because of the critical nature of this machinery and the specialized design of the equipment, local service and technical support are considered an integral part of its purchase. Therefore, all bidders must be authorized to sell vehicle proposed. All bidders must be capable of servicing the entire unit including the chassis, and any auxiliary equipment provided thereon. The bidder shall be required to have a technician holding current certification for chassis maintenance.

Prototypes and Experience. The airport sponsor requires this specified piece of equipment in order to maintain the airfield during large and small snow events. It will be a central and critical element in the fleet and in the effort to accomplish the airport's published snow plan. Experience building machines of this nature is mandatory as is a track record of recent manufacture and in-service record for machines comparable and similar to that specified. Therefore, location and contact lists are required in the bid package to enable the airport sponsor to contact at least 2 airports that have taken delivery of similar equipment from the bidder within the last two years. Bids received without including such location and contact list will be considered non-responsive and will not be considered. Prototypes will not be accepted.

WARRANTY

The equipment provided shall be warranted against defective materials and workmanship for a period of 24 months with an option for an additional 12 months after the machine is delivered. It is acceptable if the equipment standard manufacturer's warranty exceeds 36 months at no additional cost. Warranty includes replacement or repair of defective parts or material and the associated labor to perform the repairs.

PAYMENT

Delivery shall be 180 days maximum from receipt of purchase order or notice to proceed.

Partial payment will be made to Contractor upon delivery of the completed unit. 10% retainage shall be held until final acceptance of equipment.

**** END OF ITEM ****