Cherokee Nation

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REQUEST FOR BIDS

VTOL MAPPING DRONE PACKAGE

CHEROKEE NATION MARSHAL SERVICE/PUBLIC SAFETY

Bid Due Date: March 30, 2026

CHEROKEE NATION
P.O. Box 948
Tahlequah, OK 74465
(918) 453-5000

CHEROKEE NATION
BID REQUEST
VTOL Mapping Drone Package

The Cherokee Nation is accepting bids from interested parties for VTOL mapping drone package for Cherokee Nation Marshal Service/Public Safety. Interested parties are to provide a bid to furnish product equal to or better than the specifications provided. Interested bidders must follow all directions outlined in this bid packet including the utilization of mandatory bid response sheet to be considered fully responsive.

The lowest most responsive, responsible bid will be the determining factor in awarding this bid taking Indian Preference in accordance with Cherokee Nation Policy and Procedures. The successful bidder will be issued a purchase order incorporating the bid response.

Bids are due March 30, 2026, by 5:00 p.m.

MANDATORY SUBMITTAL INFORMATION: Bid submittal requirements must be followed. Each bid must be submitted on the prescribed, required form with all areas completed. Bids may be or e-mailed to pam-jumper@cherokee.org. It is the bidder's responsibility to ensure delivery of bid by **March 30, 2026, by 5:00 p.m.** Any bids received after the designated date and time will be ineligible for award.

Bid Acceptance: Bids will be accepted from Indian and Non-Indian bidders. Cherokee Nation reserves the right to reject any and all bids. Cherokee Nation reserves the right to determine if a bid meets stated requirements, and to award a purchase order for the bid that is in the best interest of the Cherokee Nation including but not limited to the total cost and capability of the bidder. Bidders are responsible for any and all costs associated with the preparation and submission of bids. To be considered, bids must be received by the specified date and time; any bid received after stipulated date and time will be returned unopened. No bidder may withdraw their bid within 30 days after proposal due date.

TERO Certification: Indian preference will be given only to bidders who provide proof of current certification from the Cherokee Nation Tribal Employments Office (TERO) located in Tahlequah, Oklahoma, telephone number (918) 453-5000. Proof of TERO certification must accompany and be included in bid submittal.

Conflict of Interest and Restrictions: If any contractor, contractor's employee, subcontractor, or any individual working on the proposed contract may have a possible conflict of interest that may affect the objectivity, analysis, and/or performance of the contract, it shall be declared in writing and submitted to Cherokee Purchasing Department (Attn: Pam Jumper) no later than on or before **March 30, 2026, by 5:00 p.m.** The NATION will determine in writing if the conflict is significant and material and if so, may eliminate the contractor from submitting a proposal.

Verbal Instructions: Interested parties shall not initiate or execute any negotiation, decision, or action arising from any verbal discussion with any Cherokee Nation employee. Only written communications from the designated Contact Person at Cherokee Nation may be considered a duly authorized expression on behalf of the NATION regarding this RFP. Additionally, only written communications from interested parties are recognized as duly authorized expressions on behalf of the vendor. The same instructions shall apply to any subsequent award and agreement communications.

Qualifications of Bidder: The NATION may make such investigations as deemed necessary to determine the ability of the bidder to perform the work, and the bidder shall furnish to the NATION all such information and data for this purpose as the NATION may request. The NATION reserves the right to reject any bid if the evidence submitted by, or investigation of, such bidder fails to satisfy the NATION such bidder is properly qualified to carry out the obligations of the contract and to complete the work contemplated therein. Conditional bids will not be accepted.

Buy American – Recovery Act provisions: The buy American provisions direct that all of the iron, steel, and manufactured goods used in the project are produced or manufactured in the United States for a project for the construction, alteration, maintenance or repair of a public building or public work. This Buy American provision is applicable only to iron, steel, and manufactured good brought to the construction site for incorporation into a public building or public work. Products that do not fit the definition of manufactured goods are not covered.

Method of Award – Lowest Bid That Contains Lowest Most Responsive/Reasonable Offer From Qualified Bidder: After consideration of price and other factors, the purchase order will be awarded to the bidder whose bid is determined to be the lowest most responsive/reasonable offer taking Indian Preference into consideration and in the best interest of the Nation to accept. Award shall be to the lowest, most responsive/reasonable bid in accordance with Cherokee Nation Policy and Procedures. Indian/TERO Preference will be given only to bidders who provide proof of current TERO certification from the Cherokee Nation Tribal Employments Office (TERO) in accordance with current Cherokee Nation Policy. Proof of TERO certification must accompany and be included in bid submittal.

Debarment, Suspension, Proposed Debarment, and Other Responsibility Matters: The responding party certifies to the best of its knowledge and belief that the person, the firm, or any of its principals are not presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency or Indian tribe. The bidder will also certify they have not, within a three-year period preceding this Request for Proposal, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, Local or Tribal) contract or subcontract; violation of Federal or State antitrust statutes relating to the submission of offers; or commissions of embezzlement, theft, forgery, bribery, falsifications or

destruction of records, making false statements, and are not presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in this provision. The responding party certifies they have not, within a three-year period preceding this Request for Proposal, had one or more contracts terminated for default by a Federal, State, Local or Tribal agency. The responding party shall provide immediate written notice to the Cherokee Nation if, at any time prior to contract award, the person learns its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

General Information: Cherokee Nation reserves the right to waive any informalities or to reject any and all bids. Award of purchase order will be to the lowest most responsible responsive bidder and will be subject to availability of funds. All sums due to any suppliers utilized by successful bidders must be paid or will be paid within ten (10) days of receipt of any money received from the Cherokee Nation under any purchase order. Indian preference will be given to Contractors certified as an Indian-Owned firm by the Cherokee Nation Tribal Employment Rights Office (T.E.R.O.). Proof of certification must accompany all bids. No bidder may withdraw their bid within thirty (30) days after bid opening date.

A prospective contractor seeking to receive Indian Preference under this contract must be certified as an Indian-owned firm by the Cherokee Nation Tribal Employment Rights Office (TERO) and submit proof of that certification with their bid.

MANDATORY BID RESPONSE SHEET
VTOL MAPPING DRONE PACKAGE

Product Description	QTY	UNIT COST	TOTAL
VTOL Mapping Drone Package	**01**	**$_____**	**$_____**

DELIVERY COST **$_____**

GRAND TOTAL BID **$_____**

LEAD TIME ARO: _____

ALL SPECIFICATIONS ARE FULLY MET: _____ YES _____NO

PRODUCT SPECIFICATIONS INCLUDED: _____ YES ____NO

Cherokee Nation will consider bids for product equal to or better. If not bidding exact product, complete details and specifications for product must be submitted with bid.

NOTE TO BIDDERS REGARDING INDIAN PREFERENCE:

TERO Certified Contractor: _____ Yes _____ No
(Proof of certification must accompany all bids)

SUBMITTED:

_____
Company Name

_____
Company Address

_____
Authorized Signature

_____
Print Name & Title

_____
Phone & Fax Number

Product Specifications and Requirements
Provided by: Cherokee Nation Marshal Service/Public Safety

The Cherokee Nation Marshal Service/Public Safety is seeking bids for VTOL Mapping Drone Package. The desired product information follows, including a make/model; THE NATION WILL ACCEPT A MAKE/MODEL EQUAL TO OR BETTER THAN SPECS PROVIDED.

SPEC'S FOR VTOL MAPPING DRONE PACKAGE:

Airframe & Mechanical

- Tailsitter VTOL (vertical take-off/landing) design
- Maximum take-off weight: approximately 4.8–5.2 kg
- Payload capacity: 0.8–1.25 kg
- Wingspan: approximately 125 cm

Power & Endurance

- Dual 99 Wh smart lithium-polymer batteries
- Flight endurance: up to 55–59 minutes depending on payload and weather conditions

Performance & Environmental

- Cruise speed: approximately 16 m/s (36 mph)
- Wind resistance: up to 12 m/s sustained, 18 m/s gusts
- Operating altitude: 2,500 m standard, up to 5,000 m with optional configuration
- Temperature operating range: −10°C to +40°C

- Weather rating: IP54

Communications & Control

- Bi-directional radio link with up to 10 km range (line-of-sight)
- Supports optional LTE command-and-control backup
- Telemetry and manual controller fail-safe capabilities

Navigation & Accuracy

- Dual-frequency GNSS with PPK capability
- Supports GPS, GLONASS, Galileo, BeiDou
- Absolute accuracy with PPK: approximately 1 cm horizontal, 2–3 cm vertical

Payload & Sensor Options

- Supports multiple integrated payload options via protected internal mount
- Compatible with high-resolution RGB cameras (24–61 MP)
- Engineered for largescale, high-resolution 2D mapping and 3D modeling, the
  camera dramatically shortens mission time in the field.

Coverage & Efficiency

- Coverage capability: typically 310–460 hectares per flight at 120 m altitude
- Operational efficiency significantly exceeds multirotor platforms

Software & Accessories

- Includes rugged tablet flight-control application
- Outputs compatible with CAD/GIS workflows

- Optional accessories: spare propellers, high-altitude kits, chargers, transport cases

Compliance

- Fully compliant with applicable UAS regulations and procurement standards
- Eligible for U.S. federal secure procurement programs

Extras

- Premium Tablet is a robust and high-performance device designed specifically for seamless operation of the drone. Featuring an ultrabright
  10" screen for optimal visibility, even in direct sunlight, and pre-installed with
  Software, this tablet offers a reliable and efficient solution for mission planning and drone operation. Built for demanding environments, it includes rugged
  housing, long-lasting batteries, and essential accessories for uninterrupted
  workflows.
- Comprehensive protection plan (annual cancellation)
  including continuous warranty and user fault coverage without deductible. Covers
  all payloads incl. LIDAR. Yearly coverage limit 100k USD equivalent.
- In the box:
  - VTOL UAV
  - 1x Tablet
  - 1x Telemetry Module (2.4GHz)
  - 1x Flight Battery Set (One set = two batteries; two batteries are required to fly)
  - 1x Flight Battery Charger w/Charging Dock & Cables

- 1x T10 Torx Driver (For drivetrain replacement, parachute installation, and repairs)
- 1x USB-C to microSD Adapter/Reader
- 1x Drone Hard Case
- 1x PPK License
- 1x Drone Operating System License
- 1x Tablet, Desktop, and Browser Apps (Essential Plan)
- 1x 3-Year License to Software Updated & Tier III Support