Pittsburgh Regional Transit

Advertisement, Specification, Insurance Requirements, Sample Agreement, and Conditions and Instructions to Bidders

For

Unmanned Aircraft (Drones)

Bid No.: **Q26-11-76**

Electronic proposals are due at 11:00 A.M. on **November 17, 2026**

Executive Summary

PRT d.b.a. Port Authority of Allegheny County has recently implemented eBusiness. eBusiness is a mechanism which allows contractors and vendors to electronically submit bids on PRT d.b.a. Port Authority procurement events. It is a system of modules that provides everything from procurement to contract management and you will see advantages like these:

- Monitor Invoice Payments
- Improved Purchasing Process
- More Fluid, Automated and Single System Return Authorization
- Automated RFP/Bid Process Including Bidding, Procurement Contracts & Purchase Orders
- The Latest Technology from Workflow to E-mail Notification to Approval Process

The implementation of eBusiness represents a change in the method of the competitive bidding process; however, the PRT d.b.a. Port Authority must continue to adhere to stringent governmental and internal procurement regulations.

Additionally this document contains the Advertisement, Specification, Insurance Requirements, Sample Copies of the Agreement, Sample Copies of Performance Bond and the Conditions and Instructions to Bidders. It is recommended that you take the time to read the attached documents – especially the "Conditions and Instructions to Bidders".

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Port Authority of Allegheny County
(d/b/a Pittsburgh Regional Transit)
UNMANNED AIRCRAFT (DRONES)
Specification PAT-6899-3
October 2026

1.0 SCOPE

Pittsburgh Regional Transit (PRT) is soliciting bids for two (2) unmanned aircraft (drones) for use by the PRT Transit Police's Unmanned Aircraft System Team (UAST). General specifications for the unmanned aircraft as delivered in starter kits are listed in the following sections. The Bidder selected for the award shall meet or exceed all listed minimum capabilities and requirements. The Bidder shall be able to deliver both of the specified aircraft within four months of PRT's Notification to Proceed (NTP). The contract duration will be one (1) year from the date of Notice to Proceed.

Prices quoted must remain firm for the period covered by this contract. Prices quoted shall include the cost of obtaining a Performance Bond (for all procurements in excess of $100,000), cost of obtaining insurance coverages (see Section 9.0 – Insurance Requirements), delivery costs and charges (see Section 3.0 – Delivery) as well as any additional fees and surcharges (i.e. tariffs).

All drones, components, software, and subassemblies procured under this specification must be fully compliant with the National Defense Authorization Act (NDAA) Section 848 and Section 889. Vendors must provide documentation certifying NDAA compliance with all applicable sections of the Act at the time of bid submission.

2.0 TECHNICAL DATA

This specification establishes the minimum requirements for the purchase of small autonomous unmanned aircraft systems (UAS, or drones). The UAS shall be Skydio X10 drones (or "Approved Equal"), including accessories, sensors, Real-Time Kinematic (RTK) navigation module, base station, software, and training. These systems will be used for public safety operations, crime scene documentation, accident reconstruction, 3D modeling, and search-and-rescue missions. They must include advanced autonomous navigation, collision avoidance, automatic return-to-home (RTH), NightSense low-light autonomy, and RTK precision positioning capabilities.

Both drones shall be bid and delivered as part of a Skydio X10 Starter Kit (or "Approved Equal" offering the same equipment as described below).

2.1 The successful bidder shall furnish and deliver:

2.1.1 Two (2) Skydio X10 Starter Kits 5G/LTE VL VT300-L with each starter kit. Each kit shall include one (1) Skydio X10 2.4/5 GHz, 5G/LTE Ready vehicle, one (1)

2.4/5 GHz, 5G/LTE Ready Enterprise Controller, one (1) VT300-L Sensor Package, one (1) pro case, two (2) wall adapters, one (1) set of additional propellers, two (2) 256 GB micro SD cards, three (3) batteries, and one (1) dual charger. Each Starter Kit shall include one (1) perpetual license to Skydio Autonomy Drone Software.

2.1.2 Two (2) Skydio X10 Patrol-Led DFR Plans including one (1) Skydio DFR Command for X10 Patrol subscription per plan with browser-based remote flight operations through Remote Flight Deck, local-to-remote pilot handoff, ReadyLink live video sharing, centralized fleet health and status monitoring, automated media upload and secure cloud storage, and a public transparency dashboard. Plans shall also provide access to unlimited licenses for Skydio Academy Online for operator training, and access to the Paraverse flight simulator for additional operator training for a one-year term.

2.1.3 Two (2) Skydio NightSense for X10 with IR Attachment including access to advanced autonomy functionality in no light and low light situations. Each shall include one (1) perpetual license and one (1) infrared light spectrum active illumination attachment that can be carried by each Skydio X10 drone.

2.1.4 Two (2) Skydio 3D Scan, X10 12.0 for X10, digital scan software (or "Approved Equal"). Software shall include unlimited 3D capture photos per year, unlimited 2D capture photos (orthomosaic), software maintenance and customer support for a one-year term.

2.1.5 Two (2) RTK/PPK attachments for Real-time or Post-processing Kinematic measurements that can be carried by the Skydio X10.

2.1.6 One (1) Skydio Speaker for X10 (speaker attachment that can be carried by the Skydio X10).

2.1.7 One (1) Skydio X10-compatible (or "Approved Equal") Spotlight.

2.2 Applicable Standards

Systems shall comply with or exceed:

- FAA 14 CFR Part 107 (UAS Operations)
- MIL-STD-810 (Environmental)
- FIPS 140-2 / NIST SP 800-53 (Encryption & Cybersecurity)
- IP55 or better ingress protection
- FAR 52.211-6 ("Brand Name or Equal")
- NDAA Section 848 / 889 Compliance
- PRT's IT and Cybersecurity policies

2.3 Skydio X10 (or Approved Equal) Model Specifications

2.3.1 Drones shall meet the following key specifications:

- Startup Time: < 40 seconds
- Dimensions (Unfolded): 31.1 in × 25.6 in × 5.7 in
- Weight: ~2.11 kg (4.65 lbs.)
- Flight Time: Up to 40 minutes
- Maximum Speed: 45 mph
- Wind Tolerance: Up to 28.6 mph gusts
- Service Ceiling: 15,000 ft
- Ingress Protection: IP55
- Sensor Payload: VT300-L (wide + narrow + FLIR Boson+ thermal)
- RTK Precision Navigation: ≤ 2 cm horizontal / ≤ 3 cm vertical accuracy
- NightSense: Zero-light obstacle avoidance
- Obstacle Avoidance: Full 360° coverage with AI autonomy
- Return-to-Home: Automatic RTH on loss of link, low battery, or operator command
- Communications: 2.4/5 GHz and 5G connectivity; AES-256 encryption
- Attachments: Integrated speaker and spotlight per aircraft (included as separate line items in solicitation)
- Batteries: Three (3) per aircraft included (6 total for two drones)

2.4 Software Capabilities and Data Management

The Supplier shall provide advanced software solutions for mission planning, data collection, 3D modeling, and fleet oversight. All software must be NDAA compliant and fully compatible with the procured UAS platforms.

2.4.1 3D Modeling and Scanning Software (Skydio 3D Scan or Approved Equal):

The 3D modeling and scanning software shall enable autonomous capture of structures, collision scenes, and environments for high-resolution 3D modeling and reconstruction.

2.4.2 Mapping and Photogrammetry Software:

The mapping and photogrammetry software shall generate orthomosaics, digital surface models (DSM), and point clouds with RTK integration and ground control point accuracy verification.

2.4.3 Fleet Management Software (Skydio Cloud or Approved Equal):

The fleet management software shall provide secure cloud-based management of aircraft health, flight logs, maintenance, and user access with encrypted data storage and role-based permissions.

2.5 Acceptance Criteria

Acceptance by PRT shall include verification of RTH and collision avoidance functionality, validation of RTK accuracy using base station and ground control points, software performance review, completion of operator training, and full delivery of all equipment.

3.0 SCHEDULE AND DELIVERY

3.1 PRT will order all equipment at once, upon issuance of Notice to Proceed (NTP). All equipment shall be delivered within four months of receipt of NTP.

3.2 All equipment shall be delivered F.O.B. and shall be delivered between the hours of 8:30 a.m. – 2:00 p.m., Monday through Friday, excluding PRT holidays. Shipments shall be delivered F.O.B. to:

Pittsburgh Regional Transit
Pitt Tower
1500 Martin Luther King, Jr. East Busway
Pittsburgh, PA 15222
Attention: Cody Gonze

4.0 WARRANTY

The Supplier shall guarantee that all equipment is free from defects in workmanship and shall be in compliance with OEM specifications. Equipment delivered with defects or not in compliance with OEM specifications will be returned to the Supplier. All costs incurred for returning equipment plus 25% of the unit price for handling charges shall be borne by the Supplier. All returned equipment will be shipped “Freight Collect”. All equipment shall carry a manufacturer warranty of one (1) year from the date of acceptance by PRT. At a minimum, the warranty shall cover the main controller, gimbal and camera, vision positioning system module, and propulsion system (excluding the propellers).

5.0 PROTECTION PLAN AND SUPPORT

The Supplier shall provide a Skydio DFR Patrol Services Premium Solution Plan or equivalent comprehensive protection package for both drones covering accidental damage repair, priority replacements, and comprehensive service for the full Skydio (or equivalent) coverage term. Firmware and autonomy software updates shall be provided during the coverage period, and U.S.-based technical support with a 24-hour response window is required. At a minimum, the protection plan shall have a duration of one (1) year from the date of delivery to PRT. The protection plan shall include one (1) parachute attachment hardware for each drone with unlimited deployment repacks and useful life hardware replacements as determined by Skydio. PRT will be responsible for the replacement of the parachute attachment on the drone in accordance with Skydio recommendation. PRT may be charged the full cost of the parachute if Skydio fails to receive the replaced hardware within thirty (30) days of the shipment. Each plan shall also include access to a discounted and fixed repair and replacement price of no more than $1000 per X10 vehicle, up to 3 units over customer's purchased term, beginning on the date of customer receipt of X10. Bidders shall quote the full price for a one-year protection plan with their bid for each drone as described in this specification. Product literature with complete details of the Protection Plan and its exclusions shall be submitted with the bid or provided within three business days of request from PRT.

6.0 BIDDER SUBMITTALS

6.1 Bidders shall submit Product Information Sheets and/or Technical Data Sheets for the aircraft being bid with their bids.

6.2 Bidders proposing drones other than the manufacturer and model listed above for consideration as an “Approved Equal” shall provide documentation with their bids validating that the “proposed equal” unmanned aircraft being bid have been used previously by other police departments or agencies within the last three (3) years.

6.3 For any “proposed equal”, the Bidder shall provide a current list of three (3) references identifying police departments or agencies that have used the proposed equal aircraft. The Bidder shall provide a contact person, telephone number and email address for each reference listed.

6.4 PRT will contact the references provided. It will be the PRT’s discretion to determine if information obtained sufficiently supports validation of the equipment as an “Approved Equal” or provides a basis for rejection of the proposed aircraft. PRT’s decision will be final.

7.0 BIDDER REQUIREMENT

PLEASE NOTE: Failure to provide a completed Bidder Information Sheet and/or Certification Regarding Lobbying form (or any issued Addendum Acknowledgements) at the time of bid submittal may result in the Bid being deemed non-responsive and ineligible for further review and award. Please be advised that a completed and signed Certification Regarding Lobbying form is required for all solicitations, regardless of the dollar value of your bid. Negative responses pertaining to Lobbying activities are required.

8.0 PAYMENT

The Supplier shall issue invoices for each item delivered, including the pricing bid for the aircraft model and its protection plan and maintenance plan. Invoices will be paid at the unit price(s) quoted for each item. Unit prices shall be all inclusive, including delivery of all items. PRT will make payment within 30 days of receipt of an accurately stated invoice in accordance with the Supplier's bid pricing.

9.0 INSURANCE REQUIREMENTS

The Supplier shall maintain Insurance in accordance with the following requirements throughout the duration of a resultant contract. A Certificate of Insurance (COI) will be required prior to award.

The Bidder shall factor the cost of obtaining these coverages into the bid pricing.

Please reference the Contract Number and Name in the “Description of Operations” field of the COI.

The Port Authority of Allegheny County d/b/a Pittsburgh Regional Transit (PRT) must be listed as an additional insured under the General Liability and Auto policies.

The Policy must be endorsed with a waiver of subrogation clause with respect to PRT and must be reflected on the insurance certificate or related document.

Insurance

General. Contractor shall procure, and cause any subcontractors to procure, before the Contract Services are commenced hereunder, and maintain at its own cost and expense, during the entire period of the performance under this Agreement, the types and amounts of insurance listed in this Section with insurance companies authorized to operate in Pennsylvania and with insurance companies having a minimum A- rating as then stated by A.M. Best. Limits shall be primary and non contributory. Evidence of coverage shall be provided on an annual basis and/or upon request of Port Authority of Allegheny County d/b/a Pittsburgh Regional Transit.

Limits may be satisfied by any combination of primary and excess or umbrella per occurrence policies. In the event that the required limits must be satisfied by any combination of primary and excess or umbrella the policies shall provide drop down coverage and provide at least as broad of coverage as the underlying policies.

Worker's Compensation and Employer's Liability.

(a) Workers' Compensation - Statutory Limits

(b) Employer's Liability in an amount not less than:

$500,000 Each Accident
$500,000 Disease - Policy Limit
$500,000 Disease - Each Employee

Note:

(i) Coverage shall be provided in accordance with the laws of the Commonwealth of Pennsylvania and the laws of such other jurisdictions as may apply.

(ii) The Contractor shall require, and hereby certifies, that each of its Subcontractors maintains Workers' Compensation Insurance in accordance herewith, and shall provide to PRT written evidence of such coverage then in effect for each Subcontractor upon PRT's request.

Commercial General Liability.

In an amount not less than:

$2,000,000 General Aggregate
$2,000,000 Products – Completed Operations Aggregate
$1,000,000 Each Occurrence

Notes:

(i) Contractor shall maintain such Products and Completed Operations liability coverage for at least (1) year after final payment.

(ii) Policy shall provide that "Port Authority of Allegheny County d/b/a Pittsburgh Regional Transit" be named as an Additional Insured for Contractor's full limits of coverage on a primary and non-contributory basis, but in no case less than the limits specified.

Policy shall be endorsed with a waiver of subrogation clause with respect to Port Authority of Allegheny County d/b/a Pittsburgh Regional Transit, and neither Contractor nor its insurer shall have any claim against Port Authority of Allegheny County d/b/a Pittsburgh Regional Transit to the extent the claim is or should have been covered by insurance.

Business Automobile Liability (not applicable if contractor is using a common carrier for delivery).

With a Combined Single Limit not less than:

$1,000,000 Each Accident

Notes:

(i) Policy shall cover the use of all owned, hired and non-owned vehicles.

(ii) Policy shall provide that "Port Authority of Allegheny County d/b/a Pittsburgh Regional Transit" be named as an additional insured for Contractor's full limits of coverage on a primary and non-contributory basis, but in no case less than the limits specified. Policy shall be endorsed with a waiver of subrogation clause with respect to Port Authority of Allegheny County d/b/a Pittsburgh Regional Transit, and neither Contractor nor its insurer shall have any claim against Port Authority of Allegheny County d/b/a Pittsburgh Regional Transit to the extent the claim is or should have been covered by insurance.

Unmanned Aircraft System (UAS) Liability :

With a Combined Single Limit not less than:

$1,000,000 Each Accident

Notes:

(i) Policy shall cover the use of all owned, hired and non-owned vehicles.

(ii) Policy shall provide that "Port Authority of Allegheny County d/b/a Pittsburgh Regional Transit" be named as an additional insured for Contractor's full limits of coverage on a primary and non-contributory basis, but in no case less than the limits specified. Policy shall be endorsed with a waiver of subrogation clause with respect to Port Authority of Allegheny County d/b/a Pittsburgh Regional Transit, and neither Contractor nor its insurer shall have any claim against Port Authority of Allegheny County d/b/a Pittsburgh Regional Transit to the extent the claim is or should have been covered by insurance.

Approval. Contractor shall not commence work under this Agreement until it has forwarded to Port Authority of Allegheny County d/b/a Pittsburgh Regional Transit, for review and approval, certificate(s) of the insurance required. Port Authority of Allegheny County d/b/a Pittsburgh Regional Transit shall be given a minimum of 30 days' notice in the event of change or cancellation of any of the insurance required. The fact that Contractor has obtained the insurance required in this Agreement shall in no manner lessen nor affect Contractor's other obligations set forth in any provision of this Agreement. The policies of insurance referenced above are not to contain any deductible or self insured retention, as applicable to PRT as an additional insured. In the event the insurance policies purchased by Contractor pursuant to the above insurance requirements contain any deductible or self insured retention provisions, Contractor shall provide PRT with disclosure of said deductible or self insurance retention prior to execution of the Contract, which will be subject to PRT approval. If PRT approves any insurance policy that includes a deductible or self insured retention, Contractor shall be responsible for payment of any and all deductibles or self insured retentions, whether owing from the named insured or PRT as an additional insured, applicable to the policies of insurance referenced above

Indemnification. Contractor, for itself, its officers, members, employees, agents, consultants, contractors, subcontractors, and its successors and assigns, shall indemnify (including but not limited to indemnification for costs of defense), and hold harmless Port Authority of Allegheny County d/b/a Pittsburgh Regional Transit, its officers, members, employees, agents, consultants, contractors, subcontractors and its successors and assigns, from and against any losses, costs, liability or damage, and attorney's fees, including but not limited to claims for property damage, bodily injury or wrongful death, claimed against, suffered by, or incurred by Port Authority of Allegheny County d/b/a Pittsburgh Regional Transit, its officers, members, employees, agents, consultants, contractors, subcontractors and its successors and assigns, as a result of or arising in connection with and to the extent of Contractor's performance of the Project or otherwise relating to Contractor's use of Port Authority of Allegheny County d/b/a Pittsburgh Regional Transit property pursuant to this Agreement. This indemnification provision further applies to any claims brought by any employee, subcontractor, or employee of a subcontractor of Contractor against Port Authority of Allegheny County d/b/a Pittsburgh Regional Transit, and Contractor expressly waives protections afforded under the Pennsylvania Workers' Compensation Act as is necessary to comply with its responsibilities under this indemnity provision.

Certificate Holder.

Port Authority of Allegheny County d/b/a Pittsburgh Regional Transit, 345 Sixth Avenue, Pittsburgh, PA 15222

SAMPLE AGREEMENT

THIS AGREEMENT made this [Date], by and between PRT D.B.A. PORT AUTHORITY OF ALLEGHENY COUNTY, a body corporate and politic organized and existing under the laws of the Commonwealth of Pennsylvania and having its principal office in the City of Pittsburgh, Allegheny County, Pennsylvania, hereinafter called "Port Authority", and [Contractor's Name], with principal office at [Contractor's Address], hereinafter called "Contractor".

WHEREAS, Contractor submitted to the PRT d.b.a. Port Authority a proposal to furnish certain item or items for the prices specified, and said proposal was accepted by Port Authority.

NOW, THEREFORE, Contractor and PRT d.b.a. Port Authority agree as follows:

1. Contractor shall furnish the following when ordered at the prices shown:

[SAMPLE]

2. The Contract Documents are made a part hereof with like force and effect as though recited herein at length and are comprised of the following:

(a) Invitation for Proposals
(b) Proposal
(c) Certification
(d) Specification
(e) Conditions and Instructions to Bidders
(f) All addenda issued prior to the time of opening Proposals
(g) Insurance [if required]

3. Port Authority, upon delivery of above equipment, parts, materials and/or supplies in accordance with this Agreement and the Contract Documents, and upon submission of invoices, shall pay the current amounts due for current deliveries under this Agreement.

PRT D.B.A. PORT AUTHORITY OF ALLEGHENY COUNTY

By_____

_____

CONTRACTOR

_____
(Company Name)

By_____
(Signature and Title)