



Request for Quotation (RFQ) #00A1 Weather Station Issue Date: July 26, 2022

1. Introduction

US Ignite, Inc. (“US Ignite”) is seeking Quotations for two weather stations to be installed at two training grounds at Fort Benning. Please see sections 3 for weather stations requirements and specifications.

2. US Ignite Overview

US Ignite is a national nonprofit, a 501(c)(3), that is accelerating the smart city movement – and creating value for an entire ecosystem – by guiding communities into the connected future, creating a path for private sector growth, and advancing technology research that’s at the heart of smart city development. Why is this important? Because local governments need to improve the quality of life and ensure economic development in their communities, particularly during a time of rapid technological change. Businesses recognize the importance of the emerging market around smart communities and need to find commercial strategies that are repeatable, scalable, and sustainable. And foundations and federal agencies need to channel their institutional aims into efforts ranging from cutting-edge research to practical economic development initiatives that deliver measurable benefits. As a trusted partner, we bring this entire smart city ecosystem together, successfully pairing financial investment with technical and organizational expertise. Through the public-private partnership programs we run, US Ignite is a catalyst for communications network advancement, and for innovation in smart city services that are powered by a new generation of technologies. Read more about US Ignite programs on our [website](#).

3. Weather Station Description

US Ignite, in partnership with Fort Benning and the US Army Engineer Research and Development Center, is looking to procure or lease two weather stations to be installed at two training grounds at Fort Benning for up to twelve months. The data collected will populate a dashboard that will provide the installation with more detailed weather data.

Weather Station Requirements:

1. Weather Data to be collected: Temperature/humidity, precipitation, winds, cloud ceiling, and visibility. (See table below for requirements)

Table 1: Weather Station Specifications	
Measurement Description	Sensor Specifications
Temperature	Range: -40 to 60°C (-40 to 140°F) Resolution: 0.1°C Accuracy: ± 1.0°C



Humidity	Range: 0 to 100% Resolution: 1% Accuracy: $\pm 2\%$
Precipitation	Range: 0 to 152 mm/hr (0 to 6 inc/hr) Resolution: 0.25 mm/hr (.01 in/hr) Accuracy: ± 2.5 mm/hr (0.1 in/hr) or 10%, whichever is greater
Wind Speed	Range: 0 to 26 m/s (0 to 50 knots) Resolution: 0.5 m/s (1 knot) Accuracy: $\pm 5\%$
Wind Direction	Range: 0° to 359° Resolution: 1° Accuracy: $\pm 5^\circ$
Cloud Ceiling	Range: Surface to 10,000 ft Resolution: 33ft Accuracy: ± 100 ft or 10%, whichever is greater
Visibility	Range: 10 to 10,000 m (0 to 6.2 mi) Resolution: 100 meters (0.06 mi) Accuracy: $\pm 10\%$
Barometric Pressure	Range: 600 to 1110 mb Resolution: 0.01 mb Accuracy: ± 0.67 mb

2. Buy America Act Compliant: (1) the procurement must be intended for public use within the United States; and (2) the items to be procured or the materials from which they are manufactured must be present in the United States in sufficient and reasonably available commercial quantities of a satisfactory quality
3. Cellular or Satellite Connectivity: (i.e., Cloud based software solution, SATCOM connection, or other.)
4. Ability to connect to the government cloud.

4. Administration Information

4.1 Solicitation Timeline

Table 2: Solicitation Timeline	
Date	Deadline
7/26/22	RFQ Release
8/02/22	Questions Due
8/05/22	US Ignite Responses to Questions Due
8/15/22	Offers Due



Table 2: Solicitation Timeline	
Date	Deadline
8/19/22	Purchase Order Execution

4.2 Questions and Answers

All clarification questions must be submitted **by August 02, 2022, no later than 8:00 PM Eastern Daylight Time (EDT)**.

All requests, questions, or other communications about this RFP shall be made in writing to sayed.elhamz@us-ignite.org, RFQ coordinator. Communications made to other US Ignite personnel or attempts to ask questions by phone or in person will not be allowed or recognized as valid and may disqualify the supplier. Suppliers may only rely on written statements issued by the RFP coordinator.

US Ignite will endeavor to respond to all parties no later than **August 05, 2022, 8:00 PM EDT**.

4.3 Offer Submission:

Submit an offer by **August 15, 2022**, no later than **8:00 PM EDT**. **Offers must be submitted via email to sayed.elhamz@us-ignite.org**. Your offer must include:

- a. The RFQ reference number.
- b. The name and title, address, email, phone number of the Bidder.
- c. A detailed technical description /specification of the items being offered in sufficient detail to evaluate compliance with the requirements in the section 3. This may also include:
 - Product literature,
 - Power source- solar, 110 volts, etc.
 - Cybersecurity specifications
- d. or other documents, if necessary.
- e. Terms of any offer related warranty.
- f. Provide full, accurate and complete information as required by this solicitation and its attachments.
- g. Provide bill of quantities using the following table:



Table 3: BOQ					
Line Item	Description	Quantity requested	Unit	Unit Price	Total Price
Weather Stations	<p>Weather Station Requirements:</p> <p>1. Weather Data to be collected: Temperature/humidity, precipitation, winds, cloud ceiling, and visibility. (See attached table for requirements)</p> <p>2. Buy America Act Compliant ((1) the procurement must be intended for public use within the United States; and (2) the items to be procured or the materials from which they are manufactured must be present in the United States in sufficient and reasonably available commercial quantities of a satisfactory quality)</p> <p>3. Cellular or Satellite Connectivity- (IE: Cloud based software solution, SATCOM connection, etc.)</p>	2	Each		

4.4 Payment Terms:

- i. US Ignite intends to award a firm fixed-price purchase order or contract as a result of this RFQ with payment terms being net 30 days from delivery and acceptance of the goods/services ordered at the location specified or deliverables met.
- ii. Payment will only be issued to the entity submitting the offer in response to this RFQ and identified in the resulting Purchase Order/Contract; payment will not be issued to a third party.

5. RFQ Terms and Conditions

- 1. **False Statements in the Bid:** Bidders must provide full, accurate and complete information as required by this solicitation. False statements in bids constitutes grounds for immediate termination of the agreement with vendor. US Ignite takes fraud, misstatements, falsification, manipulation, alteration of facts and/or documents very seriously.
- 2. **Conflict of Interest Disclosure:** Bidders must provide disclosure of any past, present, or future relationships with any parties associated with the issuance, review or management of this solicitation and anticipated award. Failure to provide full and open disclosure may result in US Ignite having to re-evaluate the selection of a potential Bidder.



3. **Right to Select/Reject:** US Ignite reserves the right to select and negotiate with those firms it determines, in its sole discretion, to be qualified for competitive proposals and to terminate negotiations without incurring any liability. US Ignite also reserves the right to reject any or all proposals received without explanation.
4. **Reserved Rights:** All RFQ responses become the property of US Ignite and US Ignite reserves the right in its sole discretion to:
 - a. To disqualify any offer based on Bidder's failure to follow solicitation instructions.
 - b. To waive any deviations by Bidder from the requirements of this solicitation that in US Ignite opinion is considered not to be material defects requiring rejection or disqualification; or where such a waiver will promote increased competition.
 - c. Extend the time for submission of all RFQ responses after notification to all Bidders.
 - d. Terminate or modify the RFQ process at any time and re-issue the RFQ to whomever US Ignite deems appropriate.
 - e. Issue an award based on the initial evaluation of offers without discussion.
 - f. Award only part of the activities in the solicitation or issue multiple awards based on solicitation activities.
 - g. This RFQ does not constitute an award commitment on the part of the US Ignite, nor does it commit US Ignite to pay for costs incurred in the preparation and submission of a bid.
 - h. Should a purchase order be placed subsequent to this quotation, the terms and conditions of purchase on this document shall apply.
5. **Delivery, Acceptance/Rejection of the goods:** US Ignite has the right to inspect the delivered goods and reject all or any part of a given delivery of goods that US Ignite determines does not conform to the Contract or RFQ requirements:
 - a. US Ignite shall inspect the items upon their delivery (if different not agreed) and provide written notice to Contractor as to any defects, non-conformities, or issues in Contractor's performance of its Contract obligations.
 - b. US Ignites shall not be obliged to buy or pay for, and US Ignite may at any time after delivery reject, all or any part of a given delivery of goods and services that US Ignite determines does not conform to the Contract, is defective in material or workmanship, or are otherwise not in conformity with the specifications in Contract. To the extent practicable, US Ignite will provide the reasons for rejecting said goods in writing.
 - c. If items are being procured, Contractor shall make delivery to the specified destination by the due date stated or as otherwise agreed in writing by both parties. Any such stated due date is of the essence and the Contractor shall notify US Ignite promptly if it anticipates that delivery will not be on time. Contractor shall incur all costs related to late delivery.
6. **Quotation Validity:** Quotations must be valid for 60 working days.