



## **STATE OF NORTH CAROLINA**

**N.C. A&T State University**

**Request for Quote #: 59-Q6713**

**Virtual Environment 3D Immersive System**

**Date Issued: March 15, 2024**

**Quote Due Date: April 1, 2024**

**At 10:00 AM ET**

**Direct all inquiries concerning this RFQ to:**

**Tesca Kinard**

**Procurement Specialist**

**Email: [tkinard@ncat.edu](mailto:tkinard@ncat.edu)**



## STATE OF NORTH CAROLINA

### Request for Quote #

**59-Q6713**

For internal State agency processing, including tabulation of Quotes, provide your company's eVP (Electronic Vendor Portal) Number. Pursuant to G.S. 132-1.10(b) this identification number shall not be released to the public. **This page will be removed and shredded, or otherwise kept confidential**, before the procurement file is made available for public inspection.

**This page shall be filled out and returned with your Quote.  
Failure to do so shall be sufficient cause to reject your Quote.**

\_\_\_\_\_  
Vendor Name

\_\_\_\_\_  
Vendor eVP #

Note: For a contract to be awarded to you, your company (you) must be a North Carolina registered vendor in good standing. You must enter the vendor number assigned through eVP (Electronic Vendor Portal). If you do not have a vendor number, register at <https://vendor.ncgov.com/vendor/login>

**Electronic responses ONLY will be accepted for this solicitation**

<https://ncat.bonfirehub.com/portal/?tab=openOpportunities>

**STATE OF NORTH CAROLINA**  
**Division of N.C. A&T State University**

Refer <b><u>ALL</u></b> Inquiries regarding this RFQ to: <b>Tesca Kinard</b> <b>ttkinard@ncat.edu</b>	Request for Quote # 59-Q6713
	Quotes will be opened: <b>April 1, 2024 @ 10:00 AM ET</b>
Using Agency: North Carolina A&T State University	Commodity No. and Description: Virtual Environment Immersive System

**EXECUTION**

In compliance with this Request for Quote (RFQ), and subject to all the conditions herein, the undersigned Vendor offers and agrees to furnish and deliver any or all items upon which prices are Quote, at the prices set opposite each item within the time specified herein.

By executing this Quote, the undersigned Vendor understands that false certification is a Class I felony and certifies that:

- this Quote is submitted competitively and without collusion (G.S. 143-54),
- that none of its officers, directors, or owners of an unincorporated business entity has been convicted of any violations of Chapter 78A of the General Statutes, the Securities Act of 1933, or the Securities Exchange Act of 1934 (G.S. 143-59.2), and
- it is not an ineligible Vendor as set forth in G.S. 143-59.1.

Furthermore, by executing this Quote, the undersigned certifies to the best of Vendor's knowledge and belief, that:

- it and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal or State department or agency.

As required by G.S. 143-48.5, the undersigned Vendor certifies that it, and each of its sub-Contractors for any Contract awarded as a result of this RFQ, complies with the requirements of Article 2 of Chapter 64 of the NC General Statutes, including the requirement for each employer with more than 25 employees in North Carolina to verify the work authorization of its employees through the federal E-Verify system.

As required by Executive Order 24 (2017), the undersigned vendor certifies will comply with all Federal and State requirements concerning fair employment and that it does not and will not discriminate, harass, or retaliate against any employee in connection with performance of any Contract arising from this solicitation.

G.S. 133-32 and Executive Order 24 (2009) prohibit the offer to, or acceptance by, any State Employee associated with the preparing plans, specifications, estimates for public Contract; or awarding or administering public Contracts; or inspecting or supervising delivery of the public Contract of any gift from anyone with a Contract with the State, or from any person seeking to do business with the State. By execution of this Quote response to the RFQ, the undersigned certifies, for Vendor's entire organization and its employees or agents, that Vendor are not aware that any such gift has been offered, accepted, or promised by any employees or agents of Vendor's organization.

By executing this Quote, Vendor certifies that it has read and agreed to the **INSTRUCTION TO VENDORS** and the **NORTH CAROLINA GENERAL TERMS AND CONDITIONS incorporated herein**. These documents can be accessed from the ATTACHMENTS page within this document.

**Failure to execute/sign quote prior to submittal may render quote invalid and it MAY BE REJECTED. Late quotes cannot be accepted.**

COMPLETE/FORMAL NAME OF VENDOR:		
STREET ADDRESS:	P.O. BOX:	ZIP:
CITY & STATE & ZIP:	TELEPHONE NUMBER:	TOLL FREE TEL. NO:
PRINCIPAL PLACE OF BUSINESS ADDRESS IF DIFFERENT FROM ABOVE (SEE INSTRUCTIONS TO VENDORS ITEM #21):		

Quote Number: 59-Q6713

Vendor: \_\_\_\_\_

PRINT NAME & TITLE OF PERSON SIGNING ON BEHALF OF VENDOR:		FAX NUMBER:
VENDOR'S AUTHORIZED SIGNATURE:	DATE:	E-MAIL:

**VALIDITY PERIOD**

Offer shall be valid for at least sixty (60) days from date of quote due date, unless otherwise stated here: \_\_\_\_\_ days, or if extended by mutual agreement of the parties. Any withdrawal of this offer shall be made in writing, effective upon receipt by the agency issuing this RFQ.

**QUOTE ACCEPTANCE**

If your quote is accepted, all provisions of this RFQ, along with the written results of any negotiations, shall constitute the written agreement between the parties ("Contract"). The NORTH CAROLINA GENERAL TERMS AND CONDITIONS are incorporated herein and shall apply. Depending upon the Goods or Services being offered, other terms and conditions may apply, as mutually agreed.

**FOR STATE USE ONLY:** Offer accepted and Contract awarded this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, as indicated on the attached certification, by \_\_\_\_\_  
(Authorized Representative of N.C. A&T State University Procurement Service)

<b>1.0</b>	<b>PURPOSE AND BACKGROUND and mapping system .....</b>	<b>5</b>
<b>2.0</b>	<b>GENERAL INFORMATION .....</b>	<b>5</b>
2.1	REQUEST FOR QUOTE DOCUMENT .....	5
2.2	E-PROCUREMENT FEE .....	5
2.3	NOTICE TO VENDORS REGARDING RFQ TERMS AND CONDITIONS .....	5
2.6	QUOTE SUBMITTAL .....	6
2.7	QUOTE CONTENTS .....	7
2.8	DEFINITIONS, ACRONYMS, AND ABBREVIATIONS .....	7
<b>3.0</b>	<b>METHOD OF AWARD AND QUOTE EVALUATION PROCESS .....</b>	<b>7</b>
3.1	METHOD OF AWARD .....	7
3.2	CONFIDENTIALITY AND PROHIBITED COMMUNICATIONS DURING EVALUATION .....	8
3.4	PERFORMANCE OUTSIDE THE UNITED STATES .....	9
3.5	INTERPRETATION OF TERMS AND PHRASES .....	9
<b>4.0</b>	<b>REQUIREMENTS .....</b>	<b>9</b>
4.1	PRICING .....	9
4.2	PRODUCT IDENTIFICATION .....	10
4.3	TRANSPORTATION AND IDENTIFICATION .....	10
4.4	DELIVERY .....	10
4.5	WARRANTY .....	10
4.6	MAINTENANCE OPTION .....	11
4.7	HUB PARTICIPATION .....	11
4.8	VENDOR'S REPRESENTATIONS .....	11
<b>5.0</b>	<b>PRODUCT SPECIFICATIONS .....</b>	<b>12</b>
5.1	SPECIFICATIONS .....	12
5.2	CERTIFICATION AND SAFETY LABELS .....	13
5.3	DEVIATIONS .....	13
<b>6.0</b>	<b>CONTRACT ADMINISTRATION .....</b>	<b>13</b>
6.1	CONTRACT MANAGER .....	13
6.2	ACCEPTANCE OF WORK .....	13
6.3	INVOICES .....	14
6.4	DISPUTE RESOLUTION .....	14
6.5	PRODUCT RECALL .....	14
6.6	CONTRACT CHANGES .....	14
<b>7.0</b>	<b>ATTACHMENTS .....</b>	<b>15</b>
	<b>ATTACHMENT A: PRICING .....</b>	<b>15</b>

<b>ATTACHMENT B: INSTRUCTIONS TO VENDORS.....</b>	<b>17</b>
<b>ATTACHMENT C: NORTH CAROLINA GENERAL TERMS &amp; CONDITIONS .....</b>	<b>17</b>
<b>ATTACHMENT D: HUB SUPPLEMENTAL VENDOR INFORMATION .....</b>	<b>17</b>
<b>ATTACHMENT F: LOCATION OF WORKERS UTILIZED BY VENDOR .....</b>	<b>17</b>

## 1.0 PURPOSE AND BACKGROUND

---

North Carolina A&T State University Department of Computational Data Science and Engineering is seeking a vendor to provide A 3D immersive and interactive projection-based virtual reality system with three sides and a floor which fits into a room with a 10 ft high ceiling. The system should be dual capable of displaying both 3D virtual reality scenarios navigable with a handheld motion tracked wand and 2D surround video content with touch-based interactivity.

The system needs to be front projected to minimize total footprint in the space and should have a total projection area footprint of 12' 8" x 12' 8" with an image height of 7' 10" or higher for the side walls. It needs to utilize ultra-short throw projectors.

The intent of this solicitation is to award an Agency Specific Contract

## 2.0 GENERAL INFORMATION

---

### 2.1 REQUEST FOR QUOTE DOCUMENT

The RFQ is comprised of the base RFQ document, any attachments, and any addenda released before Contract award, which are incorporated herein by reference.

### 2.2 E-PROCUREMENT FEE

**ATTENTION:** The E-Procurement fee may apply to this solicitation. See paragraph entitled **ELECTRONIC PROCUREMENT** of the North Carolina General Terms and Conditions.

General information on the E-Procurement Services can be found at: <http://eprocurement.nc.gov/>.

### 2.3 NOTICE TO VENDORS REGARDING RFQ TERMS AND CONDITIONS

It shall be the Vendor's responsibility to read the Instructions to Vendors, the North Carolina General Terms and Conditions, all relevant exhibits and attachments, and any other components made a part of this RFQ and comply with all requirements and specifications herein. Vendors also are responsible for obtaining and complying with all Addenda and other changes that may be issued in connection with this RFQ.

If Vendors have questions or issues, or exceptions regarding any component within this RFQ, those must be submitted as questions in accordance with the instructions in the QUOTE QUESTIONS Section. If the State determines that any changes will be made as a result of the questions asked, then such decisions will be communicated in the form of an RFQ addendum. The State may also elect to leave open the possibility for later negotiation of specific provisions of the Contract that have been addressed during the question-and-answer period, prior to contract award

Other than through this process or negotiation under 01 NCAC 05B.0503, the State rejects and will not be required to evaluate or consider any additional or modified terms and conditions submitted with Vendor's quote. This applies to any language appearing in or attached to the document as part of the Vendor's quote that purports to vary any terms and conditions or Vendors' instructions herein or to render the quote non-binding or subject to further negotiation. Vendor's quote shall constitute a firm offer that shall be held open for the period required herein ("Validity Period" above).

**The State may exercise its discretion to consider Vendor proposed modifications. By execution and delivery of this RFQ Response, the Vendor agrees that any additional or modified terms and conditions, whether submitted purposely or inadvertently, shall have no force or effect, and will be disregarded unless expressly agreed upon through negotiations and incorporated by way of a Best and Final Offer (BAFO). Noncompliance with, or any**

attempt to alter or delete, this paragraph shall constitute sufficient grounds to reject Vendor's quote as nonresponsive.

## 2.4 RFQ SCHEDULE

The table below shows the intended schedule for this RFQ. The State will make every effort to adhere to this schedule.

Event	Responsibility	Date and Time
Issue RFQ	State	March 15, 2024
Submit Written Questions	Vendor	March 25, 2024@12:00 PM ET
Provide Responses to Questions	State	March 26, 2024 by 5:00 PM ET
Submit Quotes	Vendor	April 1, 2024 @10:00 AM ET
Contract Award	State	TBA

## 2.5 QUESTIONS ABOUT QUOTE

Upon review of the RFQ documents, Vendors may have questions to clarify or interpret the RFQ in order to submit the best quote possible. To accommodate the Quote Questions process, Vendors shall submit any such questions by the "Submit Written Questions" date and time provided in the RFQ SCHEDULE Section above.

Written questions shall be e-mailed to the **Bonfire Portal** by the date and time specified above. Vendors will enter "**RFQ # 59-Q6713**: Questions" as the subject for the email. Question submittals will include a reference to the applicable RFQ section and be submitted in a format shown below:

Reference	Vendor Question
RFQ Section, Page Number	Vendor question ...?

No information, instruction or advice provided orally or informally by any State personnel, whether made in response to a question or otherwise in connection with this RFQ, shall be considered authoritative or binding. Vendors shall rely only on written material contained in an addendum to this RFQ.

## 2.6 QUOTE SUBMITTAL

**IMPORTANT NOTE:** It is the responsibility of the Vendor to have the signed quote physically in this Office by the specified time and date of opening, regardless of the method of delivery. **This is an absolute requirement.** The time of delivery will be marked on each quote when received, and any quote received after the submission deadline will not be accepted or evaluated. Quotes, subject to the conditions made a part hereof, will be received at the address indicated in the table in this Section, for furnishing and delivering the commodity as described herein.

Quotes may be submitted via electronic means, including but not limited to email, in response to this Request for Quote via **Bonfire Portal** Submission by any means shall include this RFQ, as provided in section 2.5.

<b>Electronic address for delivery of Bid Proposal</b>
<a href="https://ncat.bonfirehub.com/portal/?tab=openOpportunities">https://ncat.bonfirehub.com/portal/?tab=openOpportunities</a>

## 2.7 QUOTE CONTENTS

Vendors shall populate all attachments of this RFQ that require the Vendor to provide information and include an authorized signature where requested. Failure to provide all required items, or Vendor's submission of incomplete items, may result in the State rejecting Vendor's quote, in the State's sole discretion.

Vendor RFQ responses shall include the following items and attachments, which shall be arranged in the following order:

- a) Cover Letter, which must contain all of the following; (i) a statement that confirms that the Vendor has read the RFQ in its entirety, including all links, and all Addenda released in conjunction with the RFQ; (ii) a statement that the Vendor agrees to perform in accordance with the scope of work, requirements, and specifications contained herein; and (iii) Vendor's agreement to comply with all instructions, terms and conditions, and attachments.
- b) Title Page: Include the company name, address, phone number and authorized representative along with the Quote Number.
- c) Completed and signed version of EXECUTION PAGES, along with the body of the RFQ.
- d) Signed receipt pages of any addenda released in conjunction with this RFQ, if required to be returned.
- e) Vendor Response *[Indicate relative section references as a guide to responding to sections requiring additional responses outside of the solicitation document. If not required, delete.]*
- f) Completed version of ATTACHMENT A: PRICING
- g) Completed version of ATTACHMENT D: HUB SUPPLEMENTAL VENDOR INFORMATION
- h) Completed version of ATTACHMENT F: LOCATION OF WORKERS UTILIZED BY VENDOR

## 2.8 DEFINITIONS, ACRONYMS, AND ABBREVIATIONS

Relevant definitions for this RFQ are provided in 01 NCAC 05A .0112 and in the Instructions to Vendors referenced below which are incorporated herein by this reference.

The following definitions, acronyms, and abbreviations are also relevant to this RFQ

## 3.0 METHOD OF AWARD AND QUOTE EVALUATION PROCESS

---

### 3.1 METHOD OF AWARD

North Carolina G.S. 143-52 provides a general list of criteria the State shall use to award contracts, as supplemented by the additional criteria herein. The Goods or Services being procured shall dictate the application and order of criteria; however, all award decisions shall be in the State's best interest.

All responsive bids will be reviewed, and award or awards will be based on the responsive bid(s) offering the lowest price that meets the specifications provided herein, to include any required verifications set out herein such as but not limited to past performance, references, and financial documents.

While the intent of this RFQ is to award a Contract(s) to a single Vendor for all line items, the State reserves the right to make separate awards to different Vendors for one or more line items, to not award one or more line items or to cancel this RFQ in its entirety without awarding a Contract, if it is considered to be most advantageous to the State to do so.

If a Vendor selected for award is determined by the State to be a non-resident of North Carolina, all responsive bids will be reviewed to determine if any of them were submitted by a North Carolina resident Vendor who requested an opportunity to match the price of the winning bid, pursuant to Executive Order #50 and G.S. 143-59 (for more information, please refer to ATTACHMENT H: VENDOR REQUEST FOR EXECUTIVE ORDER #50 PRICE MATCHING. If such bid(s) are identified, the State will then determine whether any such bid falls within the price-match range, and, if so, make a Contract award in accordance with the process that implements G.S. 143-59 and Executive Order #50.

The State reserves the right to waive any minor informality or technicality in quotes received.

### **3.2 CONFIDENTIALITY AND PROHIBITED COMMUNICATIONS DURING EVALUATION**

While this RFQ is under evaluation, the responding Vendor, including any subcontractors and suppliers, is prohibited from engaging in conversations intended to influence the outcome of the evaluation. See Paragraph 29 of the Instructions To Vendors entitled COMMUNICATIONS BY VENDORS.

Each Vendor submitting a quote to this RFQ, including its employees, agents, subcontractors, suppliers, subsidiaries and affiliates, is prohibited from having any communications with any person inside or outside the using agency; issuing agency; other government agency office or body (including the purchaser named above, any department secretary, agency head, members of the General Assembly and Governor's office); or private entity, if the communication refers to the content of Vendor's quote or qualifications, the content of another Vendor's proposal, another Vendor's qualifications or ability to perform a resulting contract, and/or the transmittal of any other communication of information that could be reasonably considered to have the effect of directly or indirectly influencing the evaluation of proposals, the award of a contract, or both.

Any Vendor not in compliance with this provision shall be disqualified from evaluation and award. A Vendor's proposal may be disqualified if its subcontractor and/or supplier engage in any of the foregoing communications during the time that the procurement is active (*i.e.*, the issuance date of the procurement until the date of contract award or cancellation of the procurement). Only those discussions, communications or transmittals of information authorized or initiated by the issuing agency for this RFQ or inquiries directed to the purchaser named in this RFQ regarding requirements of the RFQ (prior to proposal submission) or the status of the award (after submission) are excepted from this provision.

### **3.3 QUOTE EVALUATION PROCESS**

a) Quotes are requested for the items as specified, or item(s) equivalent in design, function, and performance. The State reserves the right to reject any quote on the basis of fit, form and/or function, as well as cost.

b) The State shall review the responses to this RFQ to confirm that they meet the specifications and requirements. The State reserves the right to waive any minor informality or technicality.

c) For all responses that pass the initial review process, the State will review and assess the Vendors' pricing. The State may request additional formal responses or submissions from any or all Vendors for the purpose of clarification or to amplify the materials presented in any part of the quote. Vendors are cautioned, however, that the State is not required to request clarification, and often does not. Therefore, all quotes should be complete and reflect the most favorable terms available from the Vendor. Prices quoted cannot be altered or modified as part of a clarification.

d) Quotes will be evaluated, based on the award criteria identified in Section 3.1 METHOD OF AWARD.

Award of a Contract to one Vendor does not mean that the other quotes lacked merit, but that, all factors considered, the selected quote was deemed most advantageous and represented the best value to the State.

Vendors are cautioned that this is a request for quote, not a request or an offer to contract, and the State reserves the unqualified right to reject any and all offers at any time if such rejection is deemed to be in the best interest of the State.

### **3.4 PERFORMANCE OUTSIDE THE UNITED STATES**

Vendor shall complete ATTACHMENT F: LOCATION OF WORKERS UTILIZED BY VENDOR. In addition to any other evaluation criteria identified in this RFQ, the State may also consider, for purposes of evaluating proposed or actual contract performance outside of the United States, how that performance may affect the following factors to ensure that any award will be in the best interest of the State:

- a) Total cost to the State
- b) Level of quality provided by the Vendor
- c) Process and performance capability across multiple jurisdictions
- d) Protection of the State's information and intellectual property
- e) Availability of pertinent skills
- f) Ability to understand the State's business requirements and internal operational culture
- g) Particular risk factors such as the security of the State's information technology
- h) Relations with citizens and employees
- i) Contract enforcement jurisdictional issues

### **3.5 INTERPRETATION OF TERMS AND PHRASES**

This RFQ serves two functions: (1) to advise potential Vendors of the parameters of the solution being sought by the State; and (2) to provide (together with other specified documents) the terms of the Contract resulting from this procurement. The use of phrases such as "shall," "must," and "requirements" are intended to create enforceable contract conditions. In determining whether quotes should be evaluated or rejected, the State will take into consideration the degree to which Vendors have proposed or failed to propose solutions that will satisfy the State's needs as described in the RFQ. Except as specifically stated in the RFQ, no one requirement shall automatically disqualify a Vendor from consideration. However, failure to comply with any single requirement may result in the State exercising its discretion to reject a quote in its entirety.

## **4.0 REQUIREMENTS**

---

This Section lists the requirements related to this RFQ. By submitting a quote, the Vendor agrees to meet all stated requirements in this Section, as well as any other specifications, requirements, and terms and conditions stated in this RFQ. If a Vendor is unclear about a requirement or specification or believes a change in a requirement would allow for the State to receive a better quote, the Vendor is encouraged to submit these items in the form of a question during the question-and-answer period in accordance with the Quote Questions Section above.

### **4.1 PRICING**

Quote price shall constitute the total cost to the State for delivery fully assembled and ready for use, including all applicable charges for shipping, delivery, handling, administrative and other similar fees. Complete ATTACHMENT A: PRICING FORM and include in Vendor's response.

## 4.2 PRODUCT IDENTIFICATION

### SUITABILITY FOR INTENDED USE

Vendors are requested to offer only items directly complying with the specifications herein or comparable items which will provide the equivalent capabilities, features and diversity called for herein. The State reserves the right to evaluate all quotes for suitability for the required use and to award the one best meeting requirements and considered to be in the State's best interest.

## 4.3 TRANSPORTATION AND IDENTIFICATION

The Vendor shall deliver Free-On-Board (FOB) Destination to any requested location within the State of North Carolina with all transportation costs and fees included in the total quote price.

When an order is placed using a purchase order, the purchase order number shall be shown on all packages and shipping manifests to ensure proper identification and payment of invoices. If an order is placed without using a purchase order, such as via phone, the Buyer's name shall be shown on all packages. A complete packing list shall accompany each shipment. Vendors shall not ship any products until they have received an order.

## 4.4 DELIVERY

The Vendor shall deliver Free-On-Board (FOB) Destination to the following location(s):

**North Carolina A&T State University**  
**1601 E. Market Street**  
**Greensboro, NC 27411**  
**Attn: Dr. Bikdash/Issa Alhmoud**  
**Monroe Hall Rm 301**  
**336-285-3249/5-2465**

Vendor shall complete within **thirty (30) consecutive calendar days** after receipt of purchase order.

For completion by Vendor: Delivery will be made from \_\_\_\_\_ (city, state) within \_\_\_\_\_ consecutive calendar days after receipt of purchase order. Promptness of delivery may be used as a factor in the award criteria.

## 4.5 WARRANTY

Manufacturer's standard warranty shall apply. Vendors shall include a copy of the manufacturer's standard warranty with the quote response.

Vendor warrants that all equipment furnished under this RFQ will be newly manufactured, of good material and workmanship. The warranty will apply from date equipment is put into operation for a minimum period of twelve (12) months or the length of the manufacturer's warranty, whichever is longer. Such warranty shall cover the cost of all defective parts replacement, labor, freight, and technicians' travel at no additional cost to the State, or as specified by the Purchasing Agency herein. To the extent not superseded by the terms of this paragraph, manufacturer's warranty terms shall apply. Vendor's warranty shall be at least the level of coverage provided for its comparable customers.

The report of a problem does not presuppose that every call must result in an "on-site" visit for service/repair. The Vendor and/or service sub-contractor shall utilize best efforts to resolve problems in a timely fashion by using acceptable servicing methods to include, but not limited to, verbal problem analysis and remote diagnosis. The warranty requirement does not impose any additional duty on the State to make other than normal and good faith

problem resolution efforts or expenditures of time. Vendor shall be responsible for compliance with warranty terms by any third-party service provider. Vendor shall provide contact information for warranty service provider, below.

Vendor is authorized by manufacturer to repair equipment offered during the warranty period? ☐ YES ☐ NO

Will the Vendor provide warranty service? ☐ YES ☐ NO, a manufacturer-authorized third party will perform warranty service.

**Contact information** for warranty service provider:

Company Name: \_\_\_\_\_

Company Address: \_\_\_\_\_

Contact Person (name): \_\_\_\_\_

Contact Person (phone number): \_\_\_\_\_

Contact Person (email): \_\_\_\_\_

#### 4.6 MAINTENANCE OPTION

Following expiration of the above warranty, Vendor, or its third-party service provider, shall maintain the system specifications and performance level in accordance with the manufacturer's published specifications and those of this RFQ. Maintenance shall include all parts, remedial maintenance labor, travel and living expenses incurred. Except as specifically provided for elsewhere herein, coverage shall be at least for 8:00 am ET to 5:00 pm ET, Monday through Friday, except State recognized holidays and shall include a minimum of two (2) preventive and safety maintenance inspections per year. The State shall have the option to accept the maintenance coverage in this paragraph at the price offered in ATTACHMENT A: PRICING of this RFQ, if applicable.

#### 4.7 HUB PARTICIPATION

Pursuant to North Carolina General Statute G.S. 143-48, it is State policy to encourage and promote the use of small, minority, physically handicapped, and women contractors in purchasing Goods and Services. As such, this RFQ will serve to identify those Vendors that are minority owned or have a strategic plan to support the State's Historically Underutilized Business program by meeting or exceeding the goal of 10% utilization of diverse firms as 1st or 2nd tier subcontractors. Vendor shall complete ATTACHMENT D: HUB SUPPLEMENTAL VENDOR INFORMATION.

#### 4.8 VENDOR'S REPRESENTATIONS

If the quote results in an award, Vendor agrees that it will not enter any agreement with a third party that may abridge any rights of the State under the Contract. If any Services, deliverables, functions, or responsibilities not specifically described in this solicitation are required for Vendor's proper performance, provision and delivery of the Service and deliverables under a resulting Contract, or are an inherent part of or necessary sub-task included within such service, they will be deemed to be implied by and included within the scope of the contract to the same extent and in the same manner as if specifically described in the Contract. Unless otherwise expressly provided herein, Vendor will furnish all of its own necessary management, supervision, labor, facilities, furniture, computer and telecommunications equipment, software, supplies and materials necessary for the Vendor to provide and deliver the Services and/or other Deliverables.

## 5.0 PRODUCT SPECIFICATIONS

### 5.1 SPECIFICATIONS

The specific items and any specifications that the Purchasing Agency is seeking are listed below. Items offered by the Vendor must meet or exceed the listed Specifications.

Specifications
<p>The system must feature the following at a minimum:</p> <ul style="list-style-type: none"><li>• Three laser phosphor ultra-short throw projectors with 20,000-hour lifetime.</li><li>• One laser DLP projector for floor projection.</li><li>• 10 pairs of active radio frequency 3D shutter glasses with emitter.</li><li>• 4 sensor active optical motion tracking system with 240 Hz refresh rate and under 30 second calibration procedure.</li><li>• Wireless interactive motion tracked wand controller with six degrees of freedom for 3D virtual reality scene navigation and interactivity with a joystick and 7 programmable buttons.</li><li>• 2 rechargeable head tracking devices mountable to 3D glasses.</li><li>• Python based VR application development toolkit with integrated 3D rendering engine.</li><li>• High performance rendering PC.</li><li>• Dual support for 2D presentations of immersive 360 media and active stereo 3D virtual reality scene navigation.</li><li>• Drag-and-drop content authoring tool for 2D presentation of 360 videos, pdfs, images, and sound files.</li><li>• Wall touch interaction across complete projection area controlled through tap and swipe.</li><li>• Integrated tablet controller for 2D presentation mode, including scene selection and navigation, full system on/off, lighting control, volume control and scene authoring and editing capabilities.</li><li>• Included 360 camera and tripod.</li><li>• 4.1 Surround Sound System for Omnidirectional sound with 120W speakers, 1000W Sub, Receiver and Amp.</li><li>• Controllable Lighting with full control over brightness, hue, and saturation to support ambient lighting.</li><li>• Minimum 1 year support and warranty contract.</li><li>• On-site set-up service including system installation and training.</li></ul>

## 5.2 CERTIFICATION AND SAFETY LABELS

All manufactured items and/or fabricated assemblies subject to operation under pressure, operation by connection to an electric source, or operation involving a connection to a manufactured, natural, or LP gas source shall be constructed and approved in a manner acceptable to the appropriate state inspector which customarily requires the label or re-examination listing or identification marking of the appropriate safety standard organization; such as the American Society of Mechanical Engineers for pressure vessels; the Underwriters Laboratories and /or National Electrical Manufacturers' Association for electrically operated assemblies; or the American Gas Association for gas operated assemblies, where such approvals of listings have been established for the type of device offered and furnished. Further, all items furnished shall meet all requirements of the Occupational Safety and Health Act (OSHA), and state and federal requirements relating to clean air and water pollution.

## 5.3 DEVIATIONS

The nature of all deviations from the Specifications listed herein shall be clearly described by the Vendor. Otherwise, it will be considered that items offered by the Vendor are in strict compliance with the Specifications provided herein, and the successful Vendor shall be required to supply conforming goods. Deviations shall be explained in detail on an attached sheet. However, no implication is made or intended by the State that any deviation will be acceptable. Do not list objections to the North Carolina General Terms and Conditions in this section.

## 6.0 CONTRACT ADMINISTRATION

---

All Contract Administration requirements are conditioned on an award resulting from this solicitation. This information is provided for the Vendor's planning purposes

### 6.1 CONTRACT MANAGER

The Vendor shall be required to designate and make available to the State a contract manager. The contract manager shall be the State's point of contact for Contract related issues and issues concerning performance, progress review, scheduling, and service.

Contract Manager Point of Contact	
Name:	
Office Phone #:	
Mobile Phone #:	
Email:	

### 6.2 ACCEPTANCE OF WORK

Performance of the work and delivery of Goods shall be conducted and completed at least in accordance with the Contract requirements and recognized and customarily accepted industry practices. Performance shall be considered complete when the Services or Goods are approved as acceptable by the Contract Administrator.

The State shall have the obligation to notify Vendor, in writing ten (10) calendar days following completion of such work or delivery of a deliverable described in the Contract that it is not acceptable. The notice shall specify in reasonable detail the reason(s) it is unacceptable. Acceptance by the State shall not be unreasonably withheld; but

may be conditioned or delayed as required for reasonable review, evaluation, installation, or testing, as applicable to the work or deliverable. Final acceptance is expressly conditioned upon completion of all applicable assessment procedures. Should the work or deliverables fail to meet any specifications, acceptance criteria or otherwise fail to conform to the Contract, the State may exercise any and all rights hereunder, including, for Goods deliverables, such rights provided by the Uniform Commercial Code, as adopted in North Carolina.

### 6.3 INVOICES

Vendor shall invoice the Purchasing Agency. The standard format for invoicing shall be Single Invoices meaning that the Vendor shall provide the Purchasing Agency with an invoice for each order. Invoices shall include detailed line item information to allow Purchasing Agency to verify pricing at point of receipt matches the correct price from the original date of order. At a minimum, **the following fields shall be included on all invoices:**

**Purchase Order #**, Vendor's Billing Address, Customer Account Number, NC Contract Number, Order Date, Buyer's Order Number, Manufacturer Part Numbers, Vendor Part Numbers, Item Descriptions, Price, Quantity, and Unit of Measure.

**All invoices must be submitted to [ncat.invoices@trustflowds.com](mailto:ncat.invoices@trustflowds.com)**

**INVOICES MAY NOT BE PAID UNTIL AN INSPECTION HAS OCCURRED AND THE GOODS ACCEPTED.**

### 6.4 DISPUTE RESOLUTION

During the performance of the Contract, the Parties agree that it is in their mutual interest to resolve disputes informally. Any claims by the Vendor shall be submitted in writing to the State's Contract Manager for resolution. Any claims by the State shall be submitted in writing to the Vendor's Project Manager for resolution. The Parties shall agree to negotiate in good faith and use all reasonable efforts to resolve such dispute(s).

During the time the Parties are attempting to resolve any dispute, each shall proceed diligently to perform their respective duties and responsibilities under this Contract. The Parties will agree on a reasonable amount of time to resolve a dispute. If a dispute cannot be resolved between the Parties within the agreed upon period, either Party may elect to exercise any other remedies available under the Contract, or at law. This provision, when agreed in the Contract, shall not constitute an agreement by either party to mediate or arbitrate any dispute.

### 6.5 PRODUCT RECALL

Vendor expressly assumes full responsibility for prompt notification to the Buyer listed on the face of this RFQ of any product recall in accordance with the applicable state or federal regulations. The Vendor shall support the State, as necessary, to promptly replace any such products, at no cost to the State.

### 6.6 CONTRACT CHANGES

Contract changes, if any, over the life of the Contract shall be implemented by contract amendments agreed to in writing by the State and Vendor. Amendments to the contract can only be made through the contract administrator.

**The remainder of this page is intentionally left blank**

## 7.0 ATTACHMENTS

---

### **\*\*IMPORTANT NOTICE\*\***

**RETURN THE REQUIRED ATTACHMENTS WITH YOUR RESPONSE**  
FOLLOW THE LINKS TO ACCESS EACH ATTACHMENT

#### **ATTACHMENT A: PRICING**

---

Complete and return the Pricing associated with this RFQ, which can be found in the table below:

ITEM	QTY	UOM	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
1.	1	EACH	<p>The system must feature the following at a minimum:</p> <ul style="list-style-type: none"><li>• Three laser phosphor ultra-short throw projectors with 20,000-hour lifetime.</li><li>• One laser DLP projector for floor projection.</li><li>• 10 pairs of active radio frequency 3D shutter glasses with emitter.</li><li>• 4 sensor active optical motion tracking system with 240 Hz refresh rate and under 30 second calibration procedure.</li><li>• Wireless interactive motion tracked wand controller with six degrees of freedom for 3D virtual reality scene navigation and interactivity with a joystick and 7 programmable buttons.</li><li>• 2 rechargeable head tracking devices mountable to 3D glasses.</li><li>• Python based VR application development toolkit with integrated 3D rendering engine.</li><li>• High performance rendering PC.</li></ul>		

			<ul style="list-style-type: none"> <li>● Dual support for 2D presentations of immersive 360 media and active stereo 3D virtual reality scene navigation.</li> <li>● Drag-and-drop content authoring tool for 2D presentation of 360 videos, pdfs, images, and sound files.</li> <li>● Wall touch interaction across complete projection area controlled through tap and swipe.</li> <li>● Integrated tablet controller for 2D presentation mode, including scene selection and navigation, full system on/off, lighting control, volume control and scene authoring and editing capabilities.</li> <li>● Included 360 camera and tripod.</li> <li>● 4.1 Surround Sound System for Omnidirectional sound with 120W speakers, 1000W Sub, Receiver and Amp.</li> <li>● Controllable Lighting with full control over brightness, hue, and saturation to support ambient lighting.</li> </ul>		
2..	1	EACH	On-site set-up service including system installation		
3.	1	EACH	On-site set-up service including system training for 2 people		
4.	1	EACH	Minimum 1 year support and warranty contract.		
5.	1	EACH	Extended Warranty		
Misc.					
Misc.					

TOTAL EXTENDED PRICE \_\_\_\_\_

---

**ATTACHMENT B: INSTRUCTIONS TO VENDORS**

The Instructions to Vendors, which are incorporated herein by this reference, may be found here:

<https://ncadmin.nc.gov/formnorth-carolina-instructions-vendors032023/download?attachment>

---

**ATTACHMENT C: NORTH CAROLINA GENERAL TERMS & CONDITIONS**

The North Carolina General Terms and Conditions, which are incorporated herein by this reference, may be found here:

<https://www.doa.nc.gov/form-north-carolina-general-terms-and-conditions-11-2023/open>

**GOVERNING LAW:**

This Agreement shall be construed, governed, and enforced by and in accordance with the laws of the State of North Carolina. Each party expressly consents to the jurisdiction of the State and Federal courts in Guilford County, North Carolina without regard to any conflict of law provisions. This supersedes any other governing law verbiage in additional areas.

---

**ATTACHMENT D: HUB SUPPLEMENTAL VENDOR INFORMATION**

Complete and return the Historically Underutilized Businesses (HUB) Vendor Information form, which can be found at the following link:

[https://files.nc.gov/ncdog/pandc/OnlineForms/Form\\_HUB-Supplemental-Vendor-Information\\_9.2021.pdf](https://files.nc.gov/ncdog/pandc/OnlineForms/Form_HUB-Supplemental-Vendor-Information_9.2021.pdf)

---

**ATTACHMENT F: LOCATION OF WORKERS UTILIZED BY VENDOR**

Complete and return the Location of Workers Utilized by Vendor, which can be found at the following link:

[https://files.nc.gov/ncdoa/pandc/OnlineForms/Form\\_Location-of-Workers\\_09.2021.pdf](https://files.nc.gov/ncdoa/pandc/OnlineForms/Form_Location-of-Workers_09.2021.pdf)

**\*\*\* Failure to Return the Required Attachments May Eliminate  
Your Response from Further Consideration \*\*\***