



STATE OF NORTH CAROLINA

State Highway Patrol

Invitation for Bids: #51-IFB-2336269979-HMM

VIPER Equipment Shelter

Date Issued: September 24, 2026

Bid Opening Date: October 9, 2026

at 2:00 PM ET

Direct all inquiries concerning this IFB to:

Heather Melton

Procurement Specialist III
Heather.melton@ncshp.gov



STATE OF NORTH CAROLINA

Invitation for Bids

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For internal State agency processing, including tabulation of bids, 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 bid.
Failure to do so may subject your bid to rejection.**

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://evp.nc.gov/SignIn>

STATE OF NORTH CAROLINA

State Highway Patrol

Refer <u>ALL</u> Inquiries regarding this IFB to: Heather Melton The Procurement Lead through the Message Board in the Sourcing Tool. See section 2.5 for details.	Invitation for Bids # 51-IFB-2336269979-HMM
	Bids will be publicly opened: October 9, 2026 @2:00 PM ET
Using Agency: State Highway Patrol	Commodity No. and Description: 301115 – Concrete and mortar
Requisition No.: RQ299496	

EXECUTION

In compliance with this Invitation for Bids (IFB), 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 bid, at the prices set opposite each item within the time specified herein.

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

- this bid 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 bid, 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 IFB, 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 it 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 bid response to the IFB, the undersigned certifies, for Vendor's entire organization and its employees or agents, that Vendor is not aware that any such gift has been offered, accepted, or promised by any employees or agents of Vendor's organization.

By executing this bid, Vendor certifies that it has read and agreed to the **INSTRUCTION TO VENDORS** and the **NORTH CAROLINA GENERAL TERMS AND CONDITIONS incorporated below**. These documents can be accessed from the Ariba Sourcing Tool.

Failure to execute/sign bid prior to submittal may render bid invalid and it MAY BE REJECTED. Late bids 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):		
PRINT NAME & TITLE OF PERSON SIGNING ON BEHALF OF VENDOR:		
VENDOR'S AUTHORIZED SIGNATURE:	DATE:	E-MAIL:

VALIDITY PERIOD

Offer shall be valid for at least one hundred twenty (120) days from date of bid opening, unless otherwise stated here: ____ days, or if extended by mutual agreement in writing of the parties. Any withdrawal of this offer shall be made in writing, effective upon receipt by the agency issuing this IFB.

BID ACCEPTANCE

If your bid is accepted, all provisions of this IFB, 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 State Highway Patrol)

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1.0 PURPOSE AND BACKGROUND

The intent of this solicitation is to award an Agency Specific Contract for the purchase of VIPER Equipment Shelters for the North Carolina State Highway Patrol during the contract term for the following categories: The Voice Interoperability Plan for Emergency Responders (VIPER) is North Carolina's critical public safety communications backbone, supporting over 212,000 first responders who rely on zero-downtime voice interoperability during life-safety emergencies and severe weather events

- Vertiv™ Liebert® Uninterruptible Power Supply (UPS) units
- Generac generators and components
- Bard HVAC units

THIS IS A BRAND NAME ONLY SOLICITATION -NO SUBSTITUTION WILL BE ALLOWED

No maximum or minimum quantities are guaranteed for this contract. The State shall not be obligated to purchase in excess of its normal requirements.

The intent of this solicitation is to award an Agency Specific Contract. This contract is intended for parts not covered by established State Term Contracts. Parts will be ordered in various quantities, as needed during the contract period. However, quantities are estimates and the State reserves the right to increase or decrease quantities as needed. The State is only responsible for items ordered and received.

1.1 CONTRACT TERM

The Contract shall have a term of three (3) years, beginning on the date of final Contract execution (the "Effective Date").

Bids shall be submitted in accordance with the terms and conditions of this IFB and any addenda issued hereto.

2.0 GENERAL INFORMATION

2.1 INVITATION FOR BID DOCUMENT

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

2.2 E-PROCUREMENT FEE

ATTENTION: This is an NC eProcurement solicitation facilitated by the Ariba Network. 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/>.

What is the Ariba Network?

The Ariba Network is a web-based platform that serves as a connection point for buyers and Vendors. Vendors can log in to the Ariba Network to view purchase orders, respond to electronic requests for quotes, participate in Sourcing Events, and collaborate with buyers on contract documents.

For training on how to use the Sourcing Tool to view solicitations, submit questions, develop responses, upload documents, and submit offers to the State, Vendors should go to the following site:

<http://eprocurement.nc.gov/training/vendor-training>.

2.3 NOTICE TO VENDORS REGARDING IFB 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 IFB 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 IFB.

If Vendors have questions, issues or exceptions regarding any component within this IFB, those must be submitted as questions in accordance with the instructions in the BID 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 IFB addendum. The State may also elect to leave open the possibility for later negotiation and amendment of specific provisions of the Contract that have been addressed during the question-and-answer period.

Other than through the process of negotiations 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 bid. This applies to any language appearing in or attached to the document as part of the Vendor's bid that purports to vary any terms and conditions or Vendors' instructions herein or to render the bid non-binding or subject to further negotiation. Vendor's bid 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 IFB 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 to during 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 bid as non-responsive.

2.4 IFB SCHEDULE

(PLEASE CALL THE HELPDESK FOR QUESTIONS POSTING TO THE SOURCING TOOL AT 1-888-211-7440)

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

Event	Responsibility	Date and Time
Issue IFB	State	September 24, 2026
Submit Written Questions	Vendor	October 5, 2026 @2:00 pm et
Provide Responses to Questions	State	October 6, 2026
Submit Bids	Vendor	October 9, 2026 @2:00 pm et Microsoft Teams meeting Join: https://teams.microsoft.com/meet/280422860132362?p=bHZAPOSkWWXgq2wcQr Meeting ID: 280 422 860 132 362 Passcode: Dz2zF36q Need help? System reference Dial in by phone +1 469-676-9404,,35288188# United States, Northlake Find a local number Phone conference ID: 352 881 88#
Contract Award	State	TBD

2.5 BID QUESTIONS

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

Questions related to the content of the solicitation, or the procurement process should be directed to the person on the title page of this document via the Sourcing Tool's message board by the date and time specified in the IFB SCHEDULE Section of this IFB. Vendors will enter "IFB # 51-IFB-2336269979-HMM – Questions" as the subject of the message. Question submittals should include a reference to the applicable IFB section. This is the only manner in which questions will be received.

Questions or issues related to using the Sourcing Tool itself can be directed to the North Carolina eProcurement Help Desk at 888-211-7440, Option 2. Help Desk representatives are available Monday through Friday from 7:30 AM ET to 5:00 PM ET.

Questions received prior to the submission deadline date, the State's response, and any additional terms deemed necessary by the State will be posted in the Sourcing Tool in the form of an addendum and shall become an Addendum to this IFB. 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 IFB, shall be considered authoritative or binding. Vendors shall rely *only* on written material contained in an Addendum to this IFB.

2.6 BID SUBMITTAL

IMPORTANT NOTE: This is an absolute requirement. Late bids, regardless of cause, will not be opened or considered, and will be automatically disqualified from further consideration. Vendor shall bear the sole risk of late submission due to unintended or unanticipated delay. It is the Vendor's sole responsibility to ensure its bid has been received as described in this IFB by the specified time and date of opening. Failure to submit a bid in strict accordance with instructions provided shall constitute sufficient cause to reject a Vendor's bid(s). Solicitation responses are subject to Sealed Bidding requirements.

Vendor's bids for this procurement must be submitted through the Sourcing Tool. For training on how to use the Sourcing Tool to view solicitations, submit questions, develop responses, upload documents, and submit offers to the State, Vendors should go to the following site: <https://eprocurement.nc.gov/training/vendor-training>

Questions or issues related to using the Sourcing Tool itself can be directed to the North Carolina eProcurement Help Desk at 888-211-7440, Option 2. Help Desk representatives are available Monday through Friday from 7:30 AM EST to 5:00 PM EST.

Tips for Using the Sourcing Tool

1. Vendors should review available training and confirm that they are able to access the Sourcing Event, enter responses, and upload files well in advance of the date and time responses are due to allow sufficient time to seek assistance from the North Carolina eProcurement Help Desk.
2. Vendors may submit their responses early to make sure there are no issues, and then submit a revised response any time prior to the response due date and time. The State will only review the most recent response.
3. Vendors should respond to all relevant sections of the Sourcing Event. Certain questions or items are required in order to submit a response and are denoted with an asterisk. The Sourcing Tool will not allow a response to be submitted unless all required items are completed. The Sourcing Tool will provide error messages to help identify any required information that is missing when response is submitted.
4. Simply saving your response in the Sourcing Tool is not the same as submitting your response to the State. Vendors should make sure they complete the submission process and receive a message that their response was successfully submitted.
5. **Only Bids submitted through the Content Section of the Ariba Sourcing Event will be considered. Bids submitted through the Message Board will not be accepted or considered for award.**

2.7 BID CONTENTS

Vendors shall provide responses to all questions and complete all attachments for this IFB that require the Vendor to provide information and upload them to the Sourcing Event in the Sourcing Tool. Vendor may not be able to submit its response in the Sourcing Tool unless all required items are addressed. Vendors shall provide authorized signatures where requested. Failure to provide all required items, or Vendor's submission of incomplete items, may result in the State rejecting Vendor's bid, in the State's sole discretion.

Vendors shall upload the following items and attachments in the Sourcing Tool:

- a) Completed and signed version of EXECUTION PAGES, along with the body of the IFB.
- b) Signed receipt pages of any addenda released in conjunction with this IFB, if required to be returned.
- c) Vendor's Response: Section 4.5 Delivery; 4.7 Authorized Reseller; 4.8 Warranty; 4.15 Secretary of State Registration; 5.1 Vendor's Response; 6.1 Customer Service
- d) Completed version of ATTACHMENT A: PRICING FORM
- e) Completed and signed version of ATTACHMENT E: CUSTOMER REFERENCE FORM
- f) Completed and signed version of ATTACHMENT F: LOCATION OF WORKERS UTILIZED BY VENDOR
- g) Completed and signed version of ATTACHMENT G: CERTIFICATION OF FINANCIAL CONDITION
- h) Completed and signed version of ATTACHMENT H: CERTIFICATION FOR CONTRACTS, GRANTS, LOANS, AND COOPERATIVE AGREEMENTS and OMB STANDARD FORM LLL

2.8 ALTERNATE BIDS

Unless provided otherwise in this IFB, Vendor may submit alternate bids for comparable Goods, various methods or levels of Service(s), or that propose different options. Alternate bids must specifically identify the IFB requirements and advantage(s) addressed by the alternate bid. Any alternate bid, in addition to the marking described above, must be clearly marked with the legend: "Alternate Bid #51-IFB-1994865956-WAX [for 'name of Vendor']". Each bid must be for a specific set of Goods and Services and must include specific pricing. Each bid must be complete and independent of other bids offered. If a Vendor chooses to respond with various offerings, Vendor shall follow the specific instructions for uploading Alternate Bids in the Sourcing Tool

2.9 DEFINITIONS, ACRONYMS, AND ABBREVIATIONS

Relevant definitions for this IFB are provided in 01 NCAC 05A .0112 and in the Instructions to Vendors found Sourcing Tool, which are incorporated herein by this reference.

3.0 METHOD OF AWARD AND BID 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 qualified bids will be evaluated, and award(s) made as deemed advantageous or necessary to provide the estimated requirements as to breadth of lines, highest % discount offered off MSRP List, quantity, quality, delivery, service, and/or geographical coverage. Products offered must currently be available on the manufacturer's published MSRP. Submission of manufacturer's price schedules developed specifically for this RFP WILL result in disqualification from award consideration.

While the intent of this IFB is to award a Contract(s) to a single Vendor, the State reserves the right to make separate awards to different Vendors, or to cancel this IFB in its entirety without awarding a Contract, if it is considered to be most advantageous to the State to do so.

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

3.2 CONFIDENTIALITY AND PROHIBITED COMMUNICATIONS DURING EVALUATION

While this IFB 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 the Paragraph of the Instructions To Vendors entitled COMMUNICATIONS BY VENDORS.

Each Vendor submitting a bid to this IFB, 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 proposal 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 IFB or inquiries directed to the purchaser named in this IFB regarding requirements of the IFB (prior to proposal submission) or the status of the award (after submission) are excepted from this provision.

3.3 BID EVALUATION PROCESS

Only responsive submissions will be evaluated.

The State will conduct an evaluation of responsive Bids, as follows:

Bids will be received according to the method stated in the Bid Submittal section above.

All bids must be received by the issuing agency not later than the date and time specified in the IFB SCHEDULE Section above, unless modified by Addendum. Vendors are cautioned that this is a request for offers, not an offer or request 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.

At the date and time provided in the IFB SCHEDULE Section above, unless modified by Addendum, the bids from each responding Vendor will be opened publicly and all offers (except those that have been previously withdrawn, or voided bids) will be tabulated. The tabulation shall be made public at the time it is created. When negotiations after receipt of bids are authorized pursuant to G.S. 143-49 and 01 NCAC 05B.0503, only the names of offerors and the Goods and Services offered shall be tabulated at the time of opening. Cost and price shall become available for public inspection at the time of the award... Interested parties are cautioned that these costs and their components are subject to further evaluation for completeness and correctness and therefore may not be an exact indicator of a Vendor's pricing position.

At their option, the evaluators may request oral presentations or discussions with any or all Vendors for clarification or to amplify the materials presented in any part of the bid. Vendors are cautioned, however, that the evaluators are not required to request presentations or other clarification—and often do not. Therefore, all bids should be complete and reflect the most favorable terms available from the Vendor. Prices bid cannot be altered or modified as part of a clarification.

Bids will generally be evaluated, based on completeness, content, cost, and responsibility of the Vendor to supply the requested Goods and Services. Specific evaluation criteria are listed in Section 3.1 METHOD OF AWARD.

Upon completion of the evaluation process, the State will make Award(s) based on the evaluation and post the award(s) to **the electronic Vendor Portal (eVP)**, <https://evp.nc.gov>, under the IFB number for this solicitation. Award of a Contract to one Vendor does not mean that the other bids lacked merit, but that, all factors considered, the selected bid was deemed most advantageous and represented the best value to the State.

The State reserves the right to negotiate with one or more Vendors, or to reject all original offers and negotiate with one or more sources of supply that may be capable of satisfying the requirement, and in either case to require Vendor to submit a Best and Final Offer (BAFO) based on discussions and negotiations with the State.

3.4 PERFORMANCE OUTSIDE THE UNITED STATES

Vendor shall complete ATTACHMENT: LOCATION OF WORKERS UTILIZED BY VENDOR. In addition to any other evaluation criteria identified in this IFB, 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 IFB 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 bids 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 IFB. Except as specifically stated in the IFB, 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 bid in its entirety.

4.0 REQUIREMENTS

This Section lists the requirements related to this IFB. By submitting a bid, 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 IFB. 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 bid, the Vendor is encouraged to submit these items in the form of a question during the question-and-answer period in accordance with the Bid Questions Section above.

4.1 PRICING

Bid 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: PRICING FORM and include in the Sourcing Tool. The pricing provided in ATTACHMENT, or resulting from any negotiations, is incorporated herein and shall become part of any resulting Contract.

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

4.1.1 Import Tariff Temporary Surcharge

Pricing shall be exclusive of any pending tariffs or temporary tariff surcharge. Vendor may request a temporary tariff surcharge in ATTACHMENT: PRICING SUBMITTAL WORKBOOK as a charge separate from the contract price. Any temporary tariff surcharge(s) associated with purchases shall be provided by way of a percentage tariff surcharge. All tariff surcharges proposed are intended to be temporary and based on current tariff implications specific to related commodities with evidence of submitted documentation of affected MSRP products. Vendor understands that the agency may request additional justification. Any temporary tariff surcharge percentage will be negotiated and mutually agreed upon. The state is not obligated to accept any proposed import tariff surcharge. Proposed tariff surcharges may be used as a factor for evaluation and award.

4.2 ESTIMATED QUANTITIES

The quantities indicated herein are annual estimates only and are provided for informational purposes based on the anticipated usage during the previous three (3) year period. No maximum or minimum quantities are guaranteed. It shall be understood and agreed that the State may purchase more or less than the estimated quantities during the contract period. The State reserves the right to increase or decrease the quantities as needed. The State shall not be obligated to purchase more than its normal requirements. The State will be responsible only for items requested and received.

4.3 PRODUCT IDENTIFICATION

BRAND SPECIFIC

Manufacturer(s) name and product descriptions used in this solicitation are product specific. The items offered in response to this solicitation shall be by the manufacturer and the specified type. These specific products are needed due to compatibility and continuity of support. Failure to comply with this requirement shall be a sufficient basis for disqualifying a bid from further consideration.

4.4 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 bid 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.

4.5 DELIVERY

The Vendor shall deliver Free-On-Board (FOB) Destination to towers sites across North Carolina.

Vendor should complete delivery within **ten (10) to twelve (12) weeks** 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.

4.6 DESCRIPTIVE LITERATURE

Each bid shall be accompanied by complete descriptive literature, specifications, certifications, and all other pertinent data necessary for thorough evaluation of the item(s) bid and sufficient to determine compliance of the item(s) with the specifications. Failure to include such information **shall** be a sufficient basis for rejection of the bid.

4.7 DEFECTIVE PRODUCTS

In the event a product is found to be defective, Vendor agrees to replace the item immediately, within the same delivery time frame at no additional charge to the State.

4.8 OVERAGE

Overages or over-shipments will not be accepted. Any quantity will be considered an overage. **Vendors are cautioned that any quantity delivered that exceeds the total purchase order quantity is considered an overage and shall become the property of the State at no cost.**

4.9 RETURN POLICY

Vendor shall accept merchandise returns from the Buying Entity for a period of thirty (30) business days after delivery. Vendor shall provide full credit or full refund to the Buying Entity, whichever a The Buying Entity requests, within thirty (30) business days on all returns of an ordered item that returns of an ordered product that (1) is a stock item in original packaging and in re-sellable conditions; (2) is not a specialty or customized item; (3) is defective or damaged; (4) is a return of an incorrect product shipped; (5) results from a Vendor order entry error; or (6) is non-conforming due to any other cause reasonably assumed to be the fault of the Vendor.

4.10 QUALITY ACCEPTANCE INSPECTION

It is the responsibility of the receiving Purchasing Entity to inspect all materials, supplies, and equipment upon delivery to ensure compliance with the Contract requirements and specifications.

INVOICES MAY NOT BE PAID BY THE PURCHASING ENTITY UNTIL AN INSPECTION HAS OCCURRED, AND THE GOODS ACCEPTED.

Merchandise which is unacceptable because of quality problems, duplicated shipments, outdated product, damaged, or other issues related to Vendor or product performance, shall be returned at Vendor's expense within five (5) business days after receipt of notification from the Ordering Entity; with no restocking charge.

4.11 AUTHORIZED RESELLER

The Vendor shall be authorized by the manufacturer to distribute or resell the products and/or maintenance offered in this IFB. The Vendor shall provide a signed statement from the manufacturer confirming authorization with its bid response upon request from the agency. Failure to provide this statement shall constitute sufficient grounds for rejection of Vendor's offer, at the discretion of the State.

Vendor is the: ☐ Manufacturer ☐ Dealer ☐ Reseller ☐ Distributor

Authorized: ☐ Yes ☐ No Attached Manufacturer's Authority: ☐ Yes ☐ No

4.12 WARRANTY

Vendor warrants that all items furnished under this RFP will be newly manufactured, of good material and workmanship. The warranty will apply from date items are 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. 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.

4.13 REFERENCES

Vendors shall upload to the Sourcing Tool at least three (3) references, using ATTACHMENT: CUSTOMER REFERENCE FORM, for which your company has supplied the exact model of equipment offered. References shall not be from the same company or from the soliciting State entity. In addition, Vendor shall provide references for and identify other government contracts it has received, for which your company has supplied the same or similar model of equipment offered. The State *may* contact these users to determine quality level of the offered equipment; as well as, but not limited to user satisfaction with Vendor performance. Information obtained may be considered in the evaluation of the bid.

4.14 VENDOR'S REPRESENTATIONS

If Vendor's bid 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.

4.15 FINANCIAL STABILITY

As a condition of contract award, the Vendor must certify that it has the financial capacity to perform and to continue to perform its obligations under the Contract; that Vendor has no constructive or actual knowledge of an actual or potential legal proceeding being brought against Vendor that could materially adversely affect performance of this Contract; and that entering into this Contract is not prohibited by any contract, or order by any court of competent jurisdiction

Each Vendor shall certify it is financially stable by completing the ATTACHMENT: CERTIFICATION OF FINANCIAL CONDITION. The State is requiring this certification to minimize potential performance issues from Contracting with a Vendor that is financially unstable. This Certification shall be deemed continuing, and from the date of the Certification to the expiration of the Contract, the Vendor shall notify the State within thirty (30) days of any occurrence or condition that materially alters the truth of any statement made in this Certification.

4.16 AGENCY INSURANCE REQUIREMENTS MODIFICATION

A. Default Insurance Coverage from the General Terms and Conditions applicable to this Solicitation:

☒ Contract value in excess of \$1,000,000.00

4.17 LOBBYING ACTIVITY CERTIFICATION FOR FEDERAL GRANTS

Federal law prohibits recipients of federal funds, whether through grants, contracts, or cooperative agreements, from using those funds to influence or attempt to influence (lobby) a federal official in connection with obtaining, extending, or modifying any federal contract, grant, loan, or cooperative agreement. Further, federal law requires that applicants for federal funds certify:

- that they abide by the above restrictions;
- that they disclose any permissible (non-federal) paid lobbying on the Federal Awards being applied for; and
- that such certification requirements will also be included in any subawards meeting the applicable thresholds.

Vendors must complete and submit the CERTIFICATION FOR CONTRACTS, GRANTS, LOANS, AND COOPERATIVE AGREEMENTS and the OMB STANDARD FORM LLL when responding to this solicitation.

4.18 SECRETARY OF STATE REGISTRATION

Prior to entering into a contract with the State, the awarded Vendor(s) must complete registration with the NC Secretary of State. Upon notification of award, the selected Vendor(s) must furnish evidence of filing within 10 business days. Failure to provide this documentation may result in the disqualification of the Vendor(s) bid from further consideration for the award. No purchase orders shall be issued prior to confirmation of completed registration with the Secretary of State.

A contract award under the above-referenced solicitation, and the resulting purchase orders, will produce repeated orders and transactions in North Carolina and will constitute "transacting business" in the State, which requires a certificate of authority from the North Carolina Secretary of State as provided in G.S. §55-15-01 (corporations) or §57D-7-01 (LLCs). Please go to: <https://www.sosnc.gov/> to register.

Vendor has registered with the North Carolina Secretary of State: Yes ☐ No ☐

4.19 SUSTAINIBILITY EFFORTS

According to G.S. 143-58.2, it is the policy of this State to encourage and promote the purchase of products with recycled content and to purchase items that are reusable, refillable, repairable, more durable, and less toxic to the extent that the purchase or use is practicable and cost effective. The bid must describe how environmental requirements which relate to clear labeling of the environmental/sustainability attributes (e.g. environmental certifications, total and post-consumer recycled content, etc.) of products in the proposed product catalogs, demonstrating the ability to run usage reports that include information about each product's environmental/sustainability attributes, packaging and recycling of spent products.

5.0 PRODUCT SPECIFICATIONS

5.1 SPECIFICATIONS

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

VENDOR'S RESPONSE

Line Item	Category	Product Offered Meets Specification
1	Vertiv™ Liebert® Uninterruptible Power Supply (UPS) units	☐ YES ☐ NO
2	Generac generators and components	☐ YES ☐ NO
3	Bard HVAC units	☐ YES ☐ NO

Shelters #1, 2, 3 and 4: Concrete Construction with 200 Amp Electrical Service:

Shelter 1 Size: 12' wide by 10' long by 9'2" interior height

Shelter 2 Size: 12' wide by 14' long by 9'2" interior height

Shelter 3 Size: 12' wide by 19' long by 9'2" interior height

Shelter 4 Size: 12' wide by 24' long by 9'2" interior height

- Standard construction in accordance with product specifications. The structural loads of the proposed concrete shelter are as follows:
 - 200 pounds per square foot distributed floor loading when on foundation.
 - 125 pounds per square foot distributed floor loading when being lifted.
 - 100 pounds per square foot distributed roof load.
 - 150 mph wind load
 - Seismic Zone 4 /Category 'D'
- Exposed aggregate exterior
- The proposed shelter walls will provide a two-hour fire rating and are capable of stopping 30.06 rifle fire per UL752 requirements. Unless otherwise specified, the shelter door is not bullet resistant.
- The interior will be sheathed with ¾" plywood backed white FRP board and insulated to R-11 in the walls and R-19 in the ceiling
- 6" thick concrete shelter floor will be covered with light colored industrial grade vinyl tile
- One (1) 42" wide x 84" high insulated steel exterior door, with stainless steel ball-bearing tamper-proof hinges, passage style lever handle, Medeco cored deadbolt lockset, hydraulic door closer, and fiberglass weather hood.

Power Distribution

- One (1) 200 Amp, 10,000 AIC, 120 VAC, double pole, 60 Hz, enclosed main circuit breaker protected by:
 - One (1) AC Data Systems Type 2 MOV only lightning arrestor; Model: B82XXA
- One (1) 200 Amp, 10,000 AIC, 120/240 VAC, single phase, 60 Hz, 40-space main breaker, snap-in utility power distribution panel (PP1), in a NEMA 1 surface mount enclosure, protected by:

- One (1) AC Data Systems Type 1 MOV/SAD lightning arrestor; Model: B82XSA
- One (1) 200 Amp, 10,000 AIC, 120/240 VAC, single phase, 60 Hz, 40-space main breaker, snap-in technical power distribution panel (PP2), in a NEMA 1 surface mount enclosure, unused space to be filled with spare 20 Amp single pole breakers
- Circuit breakers installed equipment and customer loads as specified
- 20 Amp specification grade duplex receptacles mounted along walls wired to PP1

Shelter 1 12x10	5 receptacles
Shelter 2 12x14	6 receptacles
Shelter 3 12x19	7 receptacles
Shelter 4 12x24	8 receptacles

- One (1) 20 Amp specification grade exterior duplex receptacle on a ground fault interrupter circuit
- One (1) 200 Amp, 120/240 Volt, double pole, double throw manual transfer switch
- One (1) 200 Amp, four wire exterior power receptacle; Appleton Model ADJA20044
- One (1) 125 Amp enclosed circuit breaker for UPS maintenance bypass switch protection
- One (1) 60 Amp safety switch for lightning arrestor isolator during maintenance
- One (1) 30 Amp circuit drop for UPS battery charger; to be coiled and tagged on a dedicated circuit
- Two (2) 30 Amp, 240 V twist lock outlets wired and mounted to the ceiling above Equipment Row One near the bulkhead entry port for Microwave Radio Equipment Charger
- Transtector Model: DSOP820B SPD unit, with all eight circuits wired to individual breakers, mounted in Row One of the cable ladder racks with sufficient flexible conduit to allow mounting to the top of an 80" equipment rack

Shelter 1 12x10	1 DSOP820B unit
Shelter 2 12x14	1 DSOP820B unit
Shelter 3 12x19	2 DSOP820B units
Shelter 4 12x24	2 DSOP820B units

- 20 Amp specification grade duplex receptacles on individual circuits mounted under the Row One cable ladder (wired to technical distribution panel)

Shelter 1 12x10	8 receptacles
Shelter 2 12x14	8 receptacles
Shelter 3 12x19	8 receptacles
Shelter 4 12x24	8 receptacles

- 20 Amp specification grade duplex receptacles on individual circuits mounted under the Row Two cable ladder (wired to technical distribution panel)

• Shelter 1 12x10	• 0
• Shelter 2 12x14	• 8 receptacles
• Shelter 3 12x19	• 8 receptacles
• Shelter 4 12x24	• 8 receptacles

- 20 Amp specification grade duplex receptacles on individual circuits mounted under the Row Three cable ladder (wired to technical distribution panel)

• Shelter 1 12x10	• 0
• Shelter 2 12x14	• 0
• Shelter 3 12x19	• 8 receptacles
• Shelter 4 12x24	• 8 receptacles

- 20 Amp specification grade duplex receptacles on individual circuits mounted under the Row Four cable ladder (wired to technical distribution panel)

• Shelter 1 12x10	• 0
• Shelter 2 12x14	• 0
• Shelter 3 12x19	• 0

• Shelter 4 12x24	• 8 receptacles
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Lighting

- Surface mounted LED light fixtures and switch

Shelter 1 12x10	4 fixtures
Shelter 2 12x14	6 fixtures
Shelter 3 12x19	8 fixtures
Shelter 4 12x24	10 fixtures

- Two (2) exterior surface mount lights with vandal resistant lens and photocell/switch control

HVAC

- Two (2) wall mount air conditioning units, with low ambient and compressor anti cycle controls, integral 5 kW resistance heat strips and washable dust filters

Shelter 1 12x10	24,000 BTU
Shelter 2 12x14	24,000 BTU
Shelter 3 12x19	24,000 BTU
Shelter 4 12x24	36,000 BTU

- One (1) lead/lag controller allowing approximately equal operating time on each air conditioning unit (Bard MC4002A)

Alarm Device Contacts

- The following alarm device contacts will be wired and brought to a location specified by the customer. The alarm wires will be coiled and tagged for identification per vendor standards. Unless otherwise stated in this proposal, termination of the customer's equipment is assumed to be provided by others.
- There are no provisions for audible, visual, or remote alarm monitoring offered, except where it is integral to the device offered or stated otherwise in this proposal
- One (1) line voltage smoke detector
- One (1) intrusion alarm switch with form "C" contacts rated .1 Amps at 28 Vdc
- One (1) high temperature alarm, which will consist of single pole double throw dry contacts, rated at 22 Amps (resistive) at 120 Vac, 60 Hz. Adjustment range is 30 - 110o F
- One (1) low temperature alarm, which will consist of single pole double throw dry contacts, rated at 22 Amps (resistive) at 120 Vac, 60 Hz. Adjustment range is 30 - 110o F

Grounding

- One (1) IPGB halo ground system per Motorola's R-56 standards
- One (1) Harger ground kit Model: EPK24, located 6"-8" below the waveguide entry port

Accessories

- One (1) eighteen - port/waveguide entry panel with 4" sleeves and protective blank covers
- Up to a 24" wide cable ladder/tray

Shelter 1 12x10	18 feet
Shelter 2 12x14	24 feet
Shelter 3 12x19	33 feet
Shelter 4 12x24	45 feet

- Seven (7) conduit wall penetrations with steel threaded nipples to the exterior, one (1) each for the following:
 - Permanent standby generator input
 - Permanent power input
 - Permanent standby generator block heater and

- Permanent standby generator control circuits
- Tower Light Photo Control
- Telco Input
- COPS connector
- One (1) 4' x 8' x 3/4" fire resistant, void free equipment mounting board
- One (1) thirty (30) gallon industrial rated trash container with lid
- One (1) industrial rated push broom
- One (1) industrial rated dustpan
- One (1) Model # 9791 Sperian Eyesaline 32 oz Double bottle eyewash station
- One (1) OSHA approved 10 man first-aid kit
- One (1) portable 20-pound CO2 fire extinguisher
- Portable 20-pound ABC fire extinguisher

Shelter 1 12x10	0
Shelter 2 12x14	1 ABC extinguisher
Shelter 3 12x19	1 ABC extinguisher
Shelter 4 12x24	1 ABC extinguisher

- Shelter tie down hardware to be included
- One (1) paper copy service manual and one (1) electronic copy service manual
- All components are UL approved items
- Vendor will provide two (2) sets of paper and two (2) sets of electronic shelter drawings with each shelter unit order. Typical foundation drawings based upon normal soil conditions are available to support calculations for recommended shelter tie down locations. No other foundation drawings are offered in the proposed shelter price. Additional foundation drawings can be provided and will be negotiated separately.
- All wiring will be installed in surface mounted conduit or wireways if specified and will be in full compliance with ANSI/NFPA-70 - The National Electric Code, latest revision

UPS

Provide and install an uninterruptible power system with features as described below:

Liebert APS Model AS4D0NCYHNNX0D5 rated at 20 kVA/18.0 kW with 7 minutes backup time.

Each System is comprised of the following features/accessories:

- On-line double conversion design with a true sine wave output
- N+x parallel redundancy to provide a fault tolerant network of power protection for continuous systems availability
- Quoted model is configured non-redundant
- Input and output noise suppression
- Main input, output, and internal maintenance breaker
- Input power factor 0.99
- 6-hour battery recharge time to 90% capacity
- Fault tolerant microprocessor-based control and monitoring
- Low voltage distortion output inverter
- Flame-retardant, Sealed valve regulated batteries
- LCD display module with mimic diagram of power flow and provides digital metering, event logging, user customize-able set points (low battery alarm, battery test, auto-restart delay, display language)
- All modules are hot-swappable to provide maximum system flexibility and availability
- Casters and leveling feet
- WEEE, REACH, and RoHS (6 by 6) compliant
- Integral output transformer
- Integral output distribution providing No outlets
- Integral output distribution providing No outlets
- UPS frame is designed for maximum of 20 kVA, 240/120V, 60 Hz, L-L-N-G
- UL 1778 4th Edition, c-UL, Listed
- CE, GS, C-tick Marked

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Vendor: _____

- IS-UNITY-DP network card factory installed for SNMP, Modbus, BACnet interfacing to Building Management Systems and environmental sensor support
- (1) External Maintenance Bypass Cabinet; Model Number NMBHW81, rated for 20 kVA, 125A
- MBC is designed for wall mounting
- MBC is UL, cUL Listed
- Isolating switch controls input power to UPS
- Terminal blocks for hardwired input and output
- Spring-loaded, high-speed manual transfer switch
- Power indicators
- Support for lockout/tagout programs
- Unit dimensions: 21" (W) x 8" (D) x 18" (H)
- Unit weight: 50 lbs.
- Startup Services 7/24
- The following UPS Service Programs are provided:
 - Preventative Maintenance 8x5
 - 5 Years
- One (1) Item #IS-RELAY: Intelli slot Interface Kit for Relay Contacts

Generator Set

Provide a standby generator power system with features as described below:

- Quantity: 1
- Type: Standby rated
- Fuel Type: Diesel
- Manufacturer: Generac
- Model: SD0040
- Output kW: 40KW
- Phase: Single
- Voltage: 120/240 VAC
- Frequency: 60 Hz
- Circuit breaker: 125 Amps
- Governor: Electronic
- Enclosure: Standard weatherproof
- Fuel tank type: 300 gallon double walled
- Oil & Antifreeze: Included
- Battery and battery rack: 12 Volt
- Battery cables: Included
- Muffler Type: Critical
- Frame of rust resistant steel
- Three (3) sets of both paper and electronic copies of the service manual
- One (1) hour load bank testing on start up
- Control & Monitoring:
 - Meter package: hour, frequency, voltage, ammeter, oil pressure, water temperature
 - Alarm contacts: standard
 - Battery Charger: Type: Trickle, 2 Amp
- Warranty: Five-year Extended

The required start-up by a manufacturer's authorized representative to initiate the generator warranty on generator power systems installed will be performed as required at the final site.

All settings for adjustable features on generator power systems installed by vendor will be per vendor or the generator manufacturer's current standards. Customer preferred settings of adjustable features are assumed to be provided by the customer unless communicated in writing during the drawing approval process and are set before the unit leaves.

The battery cables will be disconnected from the generator for shipping. When required for shipping, as determined by vendor's

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shipping department, the starting battery may be shipped dry.

Vendor: _____

Automatic Transfer Switch

Vendor will provide an automatic transfer switch with features as described below:

- Quantity: 1
- Manufacturer: National Power
- Model: Asco 300 Amp Series
- Application: Utility to Genset
- Ampere Rating: 200 Amp
- Voltage: 120/240 Volt
- Phase: Single
- Frequency: 60 Hz
- Pole: Double
- Neutral kit: Included
- Relay Expansion Module with Normal & Emergency Output Contacts
- Serial RS-485 Modbus
- 300 Entry Event Log
- Common Alarm Output Function
- Exercise clock: 7-day
- Time delays: Diesel engine start, transfer to permanent standby generator power
Post restoration of normal utility power, diesel engine shutdown
- Enclosure: NEMA 1
- Entrance service rated
- Three (3) sets each of both paper and electronic service manuals

Shelters #5 : Concrete Construction with 400 Amp Electrical Service:

Shelter 5 Size: 11'6" wide (maximum 12' wide roof overhang) exterior x 24' long exterior x 9'2" interior height, one room concrete shelter with an exposed aggregate exterior

- Standard construction in accordance with product specifications. The structural loads of the proposed concrete shelter are as follows:
 1. 200 pounds per square foot distributed floor loading when on foundation.
 2. 125 pounds per square foot distributed floor loading when being lifted.
 3. 100 pounds per square foot distributed roof load.
 4. 150 mph wind load
 5. Seismic Zone 4 /Category 'D'
- The proposed shelter walls will provide a two-hour fire rating and are capable of stopping 30.06 rifle fire per UL752 requirements. Unless otherwise specified, the shelter door is not bullet resistant
- The interior will be sheathed with 3/4" plywood backed white FRP board and insulated to R-11 in the walls and R-19 in the ceiling
- 6" thick concrete floor will be covered with light colored industrial grade vinyl tile floor
- One (1) 42" wide x 84" high insulated steel exterior door, with stainless steel ball-bearing tamper-proof hinges, passage style lever handle, Medco cored deadbolt lockset, hydraulic door closer, and fiberglass weather hood

Power Distribution 400 Amp, 120/240V Single Phase

- One (1) 400 Amp, 10,000 AIC, 120 VAC, double pole, 60 Hz, enclosed main circuit breaker protected by:
- One (1) AC Data Systems Type 2 MOV only lightning arrestor; Model: B82XXA
- One (1) 400 Amp, 10,000 AIC, 120/240 VAC, single phase, 60 Hz, 40-space main breaker, snap-in utility power distribution panel (PP1), in a NEMA 1 surface mount enclosure, protected by:

- One (1) AC Data Systems Type 1 MOV/SAD lightning arrestor; Model: B82XSA
- Two (2) 200 Amp, 10,000 AIC, 120/240 VAC, single phase, 60 Hz, 40-space main breaker, snap-in technical power distribution panels (PP2 and PP3), each in a NEMA 1 surface mount enclosure; unused space to be filled with spare 20 Amp single pole breakers
- Circuit breakers installed equipment and customer loads as specified
- Eight (8) 20 Amp specification grade duplex receptacles mounted along walls wired to PP1
- One (1) 20 Amp specification grade exterior duplex receptacle on a ground fault interrupter circuit
- Two (2) Transtector Model: DSOP820B SPD units, each with all eight circuits wired to individual breakers, mounted in Row One of the cable ladder racks with sufficient flexible conduit to allow mounting to the top of an 80" equipment rack
- Eight (8) 20 Amp specification grade duplex receptacles on individual circuits mounted under the Row One cable ladder (wired to technical distribution panel)
- Eight (8) 20 Amp specification grade duplex receptacles on individual circuits mounted under the Row Two cable ladder (wired to technical distribution panel)
- Eight (8) 20 Amp specification grade duplex receptacles on individual circuits mounted under the Row Three cable ladder (wired to technical distribution panel)
- Eight (8) 20 Amp specification grade duplex receptacles on individual circuits mounted under the Row Four cable ladder (wired to technical distribution panel)
- One (1) 400 Amp, 120/240 Volt, double pole, double throw manual transfer switch
- One (1) 400 Amp, four wire exterior power receptacle; Appleton Model ADJA40044
- Two (2) 125 Amp enclosed circuit breakers for UPS maintenance bypass switch protection
- One (1) 60 Amp safety switch for lightning arrestor isolator during maintenance
- Two (2) 30 Amp circuit drops for UPS battery chargers; to be coiled and tagged on a dedicated circuits
- Two (2) 30 Amp, 240 V twist lock outlets wired and mounted to the ceiling above Equipment Row One near the bulkhead entry port for Microwave Radio Equipment Charge
- Four (4) 20 Amp, 240 V cable tray mounted duplex receptacles located in Equipment Row One near the bulkhead entry port.

Lighting

- Ten (10) LED surface mounted light fixtures with switch
- Two (2) LED exterior surface mount lights with vandal resistant lens and photocell/switch control

HVAC

- Two (2) 3.5 Ton (42,000 BTU nominal) wall mount air conditioning units, with low ambient and compressor anti cycle controls, integral 5 kW resistance heat strips and washable dust filters
- One (1) lead/lag controller allowing approximately equal operating time on each air conditioning unit (Bard MC4002A)

Alarm Device Contacts

The following alarm device contacts will be wired and brought to a location specified by the customer. The alarm wires will be coiled and tagged for identification by vendor standards. Unless otherwise stated in this proposal, termination at the customer's equipment is assumed to be provided by others.

There are no provisions for audible, visual, or remote alarm monitoring offered, except where it is integral to the device offered or stated otherwise in this proposal

- One (1) line voltage smoke detector
- One (1) intrusion alarm switch with form "C" contacts rated .1 Amps at 28 Vdc
- One (1) high temperature alarm, which will consist of single pole double throw dry contacts, rated at 22 Amps (resistive) at 120 Vac, 60 Hz. Adjustment range is 30 - 110o F
- One (1) low temperature alarm, which will consist of single pole double throw dry contacts, rated at 22 Amps (resistive) at 120 Vac, 60 Hz. Adjustment range is 30 - 110o F
- Standard Generator alarms: Gen Run, Gen Fail, Gen Disable, Gen Overspeed, Gen Low Coolant Level, Gen Cool Temp Fail, Gen Battery Voltage, Gen Low Fuel
- Standard UPS alarms: UPS On-line, Bypass, USP Fail, Low Battery, Summary

Grounding

- One (1) IPGB halo ground system per Motorola's R-56 standards
- One (1) Harger ground kit Model: EPK24, located 6"-8" below the waveguide entry port

Accessories

- One (1) eighteen - port/waveguide entry panel with 4" sleeves and protective blank covers
- Up to forty-five feet (45') 24" wide cable ladder/tray
- Seven (7) conduit wall penetrations with steel threaded nipples to the exterior, one (1) each for the following:
 - Permanent standby generator input
 - Permanent power input
 - Permanent standby generator block heater and
 - Permanent standby generator control circuits
 - Tower Light Photo Control
 - Telco Input
 - COPS connector
- One (1) 4' x 8' x 3/4" fire resistant, void free equipment mounting board
- One (1) thirty (30) gallon industrial rated trash container with lid
- One (1) industrial rated push broom
- One (1) industrial rated dustpan
- One (1) Model # 9791 Sperian Eyesaline 32 oz Double bottle eyewash station
- One (1) OSHA approved 10 man first-aid kit
- One (1) portable 20-pound CO2 fire extinguisher
- One (1) portable 20-pound ABC fire extinguisher
- Shelter tie down hardware to be included
- One (1) paper copy service manual and one (1) electronic copy service manual
- All components are UL approved items
- Vendor will provide two (2) sets of paper and two (2) sets of electronic shelter drawings with each shelter unit order. Typical foundation drawings based upon normal soil conditions are available to support calculations for recommended shelter tie down locations. No other foundation drawings are offered in the proposed shelter price. Additional foundation drawings can be provided and will be negotiated separately.
- All wiring will be installed in surface mounted conduit or wireways if specified and will be in full compliance with ANSI/NFPA-70 - The National Electric Code, latest revision

UPS

The vendor will provide and install a quantity of two (2) uninterruptible power systems with features as described below:

Liebert APS Model AS4D0NCYHNNX0D5 rated at 20 kVA/18.0 kW with 7 minutes backup time.

Each System is comprised of the following features/accessories:

- On-line double conversion design with a true sine wave output
- N+x parallel redundancy to provide a fault tolerant network of power protection for continuous systems availability
- Quoted model is configured non-redundant
- Input and output noise suppression
- Main input, output, and internal maintenance breaker
- Input power factor 0.99
- 6-hour battery recharge time to 90% capacity
- Fault tolerant microprocessor-based control and monitoring
- Low voltage distortion output inverter
- Flame-retardant, Sealed valve regulated batteries
- LCD display module with mimic diagram of power flow and provides digital metering, event logging, user customize-able set points (low battery alarm, battery test, auto-restart delay, display language)

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Vendor: _____

- All modules are hot-swappable to provide maximum system flexibility and availability
- Casters and leveling feet
- WEEE, REACH, and RoHS (6 by 6) compliant
- Integral output transformer
- Integral output distribution providing No outlets
- Integral output distribution providing No outlets
- UPS frame is designed for maximum of 20 kVA, 240/120V, 60 Hz, L-L-N-G
- UL 1778 4th Edition, c-UL, Listed
- CE, GS, C-tick Marked
- IS-UNITY-DP network card factory installed for SNMP, Modbus, BACnet interfacing to Building Management Systems and environmental sensor support
- (1) External Maintenance Bypass Cabinet; Model Number NMBHW81, rated for 20 kVA, 125A
- MBC is designed for wall mounting
- MBC is UL, cUL Listed
- Isolating switch controls input power to UPS
- Terminal blocks for hardwired input and output
- Spring-loaded, high-speed manual transfer switch
- Power indicators
- Support for lockout/tagout programs
- Unit dimensions: 21" (W) x 8"(D) x 18"(H)
- Unit weight: 50 lbs.
- Startup Services 7/24
- The following UPS Service Programs are provided:
 - Preventative Maintenance 8x5
 - 5 Years
- One (1) Item #IS-RELAY: Intelli slot Interface Kit for Relay Contacts

Installation wiring and conduit per manufacturer's instruction and the latest edition of the National Electrical Code NFPA70

Generator Set

The vendor will provide a 100kW Generac standby generator power system with features as described below:

- Quantity: 1
- Type: Standby rated
- Fuel Type: Diesel
- Manufacturer: Generac
- Model: SD0100
- Output kW: 100KW
- Phase: Single
- Voltage: 120/240 VAC
- Frequency: 60 Hz
- Circuit breaker: 125 Amps
- Governor: Electronic
- Enclosure: Level 2 Acoustic Enclosure
- Fuel tank type: 350 gallon double walled
- Oil & Antifreeze: Included
- Battery and battery rack: 12 volt
- Battery cables: Included
- Muffler Type: Critical
- Frame of rust resistant steel
- Three (3) sets of both paper and electronic copies of the service manual
- One (1) hour load bank testing on start up
- Control & Monitoring
 - Meter package: hour, frequency, voltage, ammeter, oil pressure, water temperature

- Alarm contacts: standard
- Battery Charger - Type: Trickle, 2 Amp
- Warranty: Five-year Extended

The required start-up by a manufacturer's authorized representative to initiate the generator warranty on generator power systems installed by vendor will be performed as required at the final site.

All settings for adjustable features on generator power systems installed by vendor will be per vendor's or the generator manufacturer's current standards. Customer preferred settings of adjustable features are assumed to be provided by the customer unless communicated in writing during the drawing approval process and are set before the unit leaves.

The battery cables will be disconnected from the generator for shipping. When required for shipping, as determined by vendor's shipping department, the starting battery may be shipped dry.

Automatic Transfer Switch

Vendor will provide an automatic transfer switch with features as described below:

- Quantity: 1
- Manufacturer: National Power
- Model: Asco 300 Series
- Application: Utility to Genset
- Ampere Rating: 400 Amp
- Voltage: 120/240 Volt
- Phase: Single
- Pole: Double
- Frequency: 60 Hz
- Neutral kit: Included
- Serial RS-485 Modbus
- Mult-schedule Engine Exerciser
- Common Alarm Output Function
- Exercise clock: 7-day
- Time delays: Diesel engine start, transfer to permanent standby generator power
Post restoration of normal utility power, diesel engine shutdown
- Enclosure: NEMA 1
- Non-Service Entrance rated
- Three (3) sets each of both paper and electronic service manuals

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.

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

SHP Contract Administrator: Captain Gaskins joe.gaskins@ncshp.gov

6.1 CUSTOMER SERVICE

The Vendor shall be required to designate and make available to the State for customer service. The customer service point of contact shall be the State's point of contact for customer service-related issues.

Customer Service Point of Contact	
Name:	
Office Phone #:	
Mobile Phone #:	
Email:	

6.2 POST AWARD BUSINESS REVIEW MEETINGS

The Vendor, at the request of the State, shall be required to meet periodically with the State for Project Review meetings. The purpose of these meetings will be to review project progress reports, discuss Vendor and State performance, address outstanding issues, review problem resolution, provide direction, evaluate continuous improvement and cost saving ideas, and discuss any other pertinent topics.

6.3 CONTINUOUS IMPROVEMENT

The State encourages the Vendor to identify opportunities to reduce the total cost the State. A continuous improvement effort consisting of various ideas to enhance business efficiencies as performance progresses.

6.4 INVOICES

Vendor shall invoice the Procurement Entity. The standard format for invoicing shall be Single Invoices meaning that the Vendor shall provide the Procurement Entity with an invoice for each order. Invoices shall include detailed line-item information to allow Procurement Entity 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:

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.

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

6.5 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.

6.6 PRODUCT RECALL

Vendor expressly assumes full responsibility for prompt notification to the Buyer listed on the face of this IFB 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.

6.7 POST AWARD PRODUCT SUBSTITUTION, ADDITIONS, & REMOVALS

Post-Award product substitutions are not permitted without prior written approval from the Contract Administrator. Proposed substitutions shall be of the same or higher quality and at the same or lower price as the original item. Failure of the Vendor to comply with this requirement shall constitute sufficient cause to hold the Vendor in default or for removal from the contract.

The items included in this RFP are expected to cover the State's needs for the term of the contract. In the case that the State's needs change over the term of the contract, the State reserves the right to add additional products to the contract that can be supplied by the awarded Vendor. The price for these added products will be mutually agreed to by the State and the Vendor but are assumed to be priced at a discount similar to what is being offered on the products listed in the IFB.

6.8 PRICE ADJUSTMENTS

Prices proposed by the Vendor shall be firm against any increase for  six (6) months from the effective date of the Contract.

Price increase requests shall be submitted in writing to the Contract Lead, which shall include the reason(s) for the request and contain supporting documentation for the need. Price increases will be negotiated and agreed to by both the State and Vendor in advance of any price increase going into effect. The State is not obligated to accept pricing adjustments or increases and reserves the right to accept or reject them in part or in whole. Price de-escalation or decreases may be requested by the State at any time.

It is understood and agreed that orders will be shipped at the established Contract prices in effect on the date an order is placed. Invoicing that deviates from this provision may result in Contract to cancellation.

6.9 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 done through the Contract Administrator.

6.10 ATTACHMENTS

All attachments to this IFB are the copies found within the Ariba Sourcing Tool, and are incorporated herein, and shall be submitted by responding in the Sourcing Tool.

The remainder of this page is intentionally left blank

ATTACHMENT A: PRICING FORM**FURNISH AND DELIVER:****West Zone: Any site west of I-77 in North Carolina****Central Zone: Any site between I-77 and I-95 in North Carolina****East Zone: Any site east of I-95**

Once the contract is awarded, the vendor will provide building designs for each sized building and work with the Agency and State Construction Office to ensure approval of building designs prior to any purchase. The building designs will reflect the specifications provided with the bid, current State building codes and any requests from SCO.

Item	Qty	Unit	Description	Unit Cost
1	10	Each	Shelter #1 Nominal 12' X 10' by 9'2" interior height Concrete - 200 Amp	
			West	
			Central	
			East	
2	5	Each	Shelter #2 Nominal 12' X 14' by 9'2" interior height Concrete - 200 Amp	
			West	
			Central	
			East	
3	20	Each	Shelter #3 Nominal 12' X 19' by 9'2" interior height Concrete - 200 Amp	
			West	
			Central	
			East	
4	5	Each	Shelter #4 Nominal 12' X 24' by 9'2" interior height Concrete - 200 Amp	
			West	
			Central	
			East	
5	5	Each	Shelter #5 Nominal 12' x 24' Concrete - 400 Amp	
			West	
			Central	
			East	
6	50	Each	UPS and startup (factory installed) - Liebert 20kVA Model AS4D0NCYHNNX0D5 complete unit to include all the components required to install in above buildings - No substitutions	
7	40	Each	40kw Generac Generator w/ASCO 300 Series (200amp) & Startup	
8	5	Each	100kw Generac Generator w/ASCO 300 Series (400amp) & Startup	
9	5	Each	Receive, store, and install one (1) 200/400 AMP 1P/3P Generac TXS ATS in Duffield, VA. (Generator installation, and interconnection shall be installed and connected by others).	

TOTAL BID AMOUNT: \$_____

ATTACHMENT E: CUSTOMER REFERENCE TEMPLATE

Solicitation #: _____

Vendor Name: _____

Instructions: Vendor shall use this template to submit three (3) customer references with its offer.

Name of Customer Organization:	
Customer Reference Name:	
Customer Reference Address:	
Customer Reference Email:	
Start Date:	
End Date:	
Explanation of contract, service agreement, or type of products and quantity provided to the organization:	

Name of Customer Organization:	
Customer Reference Name:	
Customer Reference Address:	
Customer Reference Email:	
Start Date:	
End Date:	
Explanation of contract, service agreement, or type of products and quantity provided to the organization:	

Name of Customer Organization:	
Customer Reference Name:	
Customer Reference Address:	
Customer Reference Email:	
Start Date:	
End Date:	
Explanation of contract, service agreement, or type of products and quantity provided to the organization:	

ATTACHMENT F: LOCATION OF WORKERS UTILIZED BY VENDOR

Solicitation #: _____

Vendor Name: _____

In accordance with NC General Statute G.S. 143-59.4, Vendor shall detail the location(s) at which performance will occur, as well as the manner in which it intends to utilize resources or workers outside of the United States in the performance of The Contract.

Vendor shall complete items 1 and 2 below.

1. Will any work under this Contract be performed outside of the United States?☐ YES ☐ NO

If "YES":

- a) List the location(s) outside of the United States where work under the Contract will be performed by the Vendor, any subcontractors, employees, or any other persons performing work under the Contract.

- b) Specify the manner in which the resources or workers will be utilized:

2. Where within the United States will work be performed?

NOTES:

1. The State will evaluate the additional risks, costs, and other factors associated with the utilization of workers outside of the United States prior to making an award.
2. Vendor shall provide notice in writing to the State of the relocation of the Vendor, employees of the Vendor, subcontractors of the Vendor, or other persons performing services under the Contract to a location outside of the United States.
3. All Vendor or subcontractor personnel providing call or contact center services to the State of North Carolina under the Contract **shall disclose** to inbound callers the location from which the call or contact center services are being provided.

ATTACHMENT G: CERTIFICATION OF FINANCIAL CONDITION

Solicitation #: _____

Vendor Name: _____

The undersigned hereby certifies that: [check all applicable boxes]

- ☐ The Vendor is in sound financial condition and, if applicable, has received an unqualified audit opinion for the latest audit of its financial statements.
- Date of latest audit: _____ (If no audit within past 18 months, explain reason below.)
- ☐ The Vendor has no outstanding liabilities, including tax and judgment liens, to the Internal Revenue Service or any other government entity.
- ☐ The Vendor is current in all amounts due for payments of federal and state taxes and required employment-related contributions and withholdings.
- ☐ The Vendor is not the subject of any current litigation or findings of noncompliance under federal or state law.
- ☐ The Vendor has not been the subject of any past or current litigation, findings in any past litigation, or findings of noncompliance under federal or state law that may impact in any way its ability to fulfill the requirements of this Contract.
- ☐ He or she is authorized to make the foregoing statements on behalf of the Vendor.

Note: This shall constitute a continuing certification and Vendor shall notify the Contract Lead within 30 days of any material change to any of the representations made herein.

If any one or more of the foregoing boxes is NOT checked, Vendor shall explain the reason(s) in the space below. Failure to include an explanation may result in Vendor being deemed non-responsive and its submission rejected in its entirety.

Signature

Date

Printed Name

Title

[This Certification must be signed by an individual authorized to speak for the Vendor]

ATTACHMENT H: CERTIFICATION FOR CONTRACTS, GRANTS, LOANS, AND COOPERATIVE AGREEMENTS

The undersigned certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal Contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal Contract, grant, loan, or cooperative agreement.

If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal Contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit [Standard Form-LLL, "Disclosure Form to Report Lobbying,"](#) in accordance with its instructions.

3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subContracts, subgrants, and Contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The Vendor, _____, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Vendor understands and agrees that the provisions of 31 U.S.C. Chap. 38, Administrative Remedies for False Claims and Statements, apply to this certification and disclosure, if any.

Signature of Vendor's Authorized Official

Name and Title of Vendor's Authorized Official

Date