

 TRIDENT TECHNICAL COLLEGE Invitation for Bid	Solicitation Number	190401-545-12606-04/17/19
	Date Printed	04/01/19
	Date Issued	04/01/19
	Procurement Officer	Wendy Dennis
	Phone	(843) 574-6065
	E-mail Address	wendy.dennis@tridenttech.edu

DESCRIPTION: Non Destruction Inspection and Testing Equipment for NDI/NDT program

The Term "Offer" Means Your "Bid" or "Proposal".

SUBMIT OFFER BY (Opening Date/Time): **04/17/19 @ 2:00 PM EST** See "Deadline For Submission Of Offer" provision

QUESTIONS MUST BE RECEIVED BY: **04/05/19 @ 10:00 AM EST** See "Questions From Offerors" provision

NUMBER OF COPIES TO BE SUBMITTED: **1**

SUBMIT YOUR SEALED OFFER TO EITHER OF THE FOLLOWING ADDRESSES:

MAILING ADDRESS:

Trident Technical College
 Procurement Office
 PO Box 118067
 Charleston, SC 29423
Fax: 843 574-6395

PHYSICAL ADDRESS

Trident Technical College
 Procurement Office
 Building 940, Suite G, Room 110
 2050 Mabeline Rd. N. Chas SC 29406
See "Submitting Your Offer" provision

ALL MAIL IS PICKED UP FROM THE US POSTAL SERVICE ONCE DAILY AT AROUND 8:00 A.M. (EXCLUDING WEEKENDS AND HOLIDAYS).

CONFERENCE TYPE: N/A DATE & TIME: As appropriate, see "Conferences - Pre-Bid/Proposal" & "Site Visit" provisions	LOCATION:
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AWARD & AMENDMENTS	Award will be posted at the Physical Address stated above on 04/18/19 . The award, this solicitation, and any amendments will be posted at the following web address: https://www.tridenttech.edu/about/departments/proc/ttc_solic.htm
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You must submit a signed copy of this form with Your Offer. By submitting a bid or proposal, You agree to be bound by the terms of the Solicitation. You agree to hold Your Offer open for a minimum of thirty (30) calendar days after the Opening Date.

NAME OF OFFEROR (Full legal name of business submitting the offer)	OFFEROR'S TYPE OF ENTITY: (Check one)
AUTHORIZED SIGNATURE (Person signing must be authorized to submit binding offer to enter contract on behalf of Offeror named above.)	<input type="checkbox"/> Sole Proprietorship <input type="checkbox"/> Partnership <input type="checkbox"/> Corporation (tax-exempt) <input type="checkbox"/> Corporate entity (not tax-exempt) <input type="checkbox"/> Government entity (federal, state, or local)
TITLE (Business title of person signing above)	<input type="checkbox"/> Other (See "Signing Your Offer" provision.)
PRINTED NAME (Printed name of person signing above)	DATE SIGNED

Instructions regarding Offeror's name: Any award issued will be issued to, and the contract will be formed with, the entity identified as the offeror above. An offer may be submitted by only one legal entity. The entity named as the offeror must be a single and distinct legal entity. Do not use the name of a branch office or a division of a larger entity if the branch or division is not a separate legal entity, *i.e.*, a separate corporation, partnership, sole proprietorship, etc.

STATE OF INCORPORATION (If Offeror is a corporation, identify the state of Incorporation.)

TAXPAYER IDENTIFICATION NO. (See "Taxpayer Identification Number" provision)

PAGE TWO

(Return Page Two with Your Offer)

HOME OFFICE ADDRESS (Address for offeror's home office / principal place of business)	NOTICE ADDRESS (Address to which all procurement and contract related notices should be sent.) (See "Notice" clause) _____ Address _____ Area Code – Number – Extension Facsimile _____ E-mail Address
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PAYMENT ADDRESS (Address to which payments will be sent.) (See "Payment" clause) _____ Payment Address same as Notice Address (check only one) _____ Payment Address same as Home Office Address	ORDER ADDRESS (Address to which purchase orders will be sent) (See "Purchase Orders and "Contract Documents" clauses) _____ Order Address same as Home Office Address _____ Order Address same as Notice Address (check only one)
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ACKNOWLEDGMENT OF AMENDMENTS
 Offerors acknowledges receipt of amendments by indicating amendment number and its date of issue. (See "Amendments to Solicitation" Provision)

Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date

DISCOUNT FOR PROMPT PAYMENT (See "Discount for Prompt Payment" clause)	10 Calendar Days (%)	20 Calendar Days (%)	30 Calendar Days (%)	_____ Calendar Days (%)
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PREFERENCES - A NOTICE TO VENDORS (SEP. 2009): On June 16, 2009, the South Carolina General Assembly rewrote the law governing preferences available to in-state vendors, vendors using in-state subcontractors, and vendors selling in-state or US end products. This law appears in Section 11-35-1524 of the South Carolina Code of Laws. A summary of the new preferences is available at www.procurement.sc.gov/preferences. ***ALL THE PREFERENCES MUST BE CLAIMED AND ARE APPLIED BY LINE ITEM, REGARDLESS OF WHETHER AWARD IS MADE BY ITEM OR LOT. VENDORS ARE CAUTIONED TO CAREFULLY REVIEW THE STATUTE BEFORE CLAIMING ANY PREFERENCES. THE REQUIREMENTS TO QUALIFY HAVE CHANGED. IF YOU REQUEST A PREFERENCE, YOU ARE CERTIFYING THAT YOUR OFFER QUALIFIES FOR THE PREFERENCE: YOU'VE CLAIMED. IMPROPERLY REQUESTING A PREFERENCE: CAN HAVE SERIOUS CONSEQUENCES.*** [11-35-1524(E)(4)&(6)]

PREFERENCES - ADDRESS AND PHONE OF IN-STATE OFFICE: Please provide the address and phone number for your in-state office in the space provided below. An in-state office is necessary to claim either the Resident Vendor PReference: (11-35-1524(C)(1)(i)&(ii)) or the Resident Contractor PReference: (11-35-1524(C)(1)(iii)). Accordingly, you must provide this information to qualify for the preference. An in-state office is not required, but can be beneficial, if you are claiming the Resident Subcontractor PReference: (11-35-1524(D)).

****PREFERENCES MAY NOT APPLY TO ALL ITEMS PER SOUTH CAROLINA PROCUREMENT CODE SECTION [§11-35-1524(E)(3)]****

_____ In-State Office Address same as Home Office Address
 _____ In-State Office Address same as Notice Address **(check only one)**

Solicitation Outline

1. Scope of Solicitation
2. Instructions to Offerors
 - A. General Instructions
 - B. Special Instructions
3. Scope of Work / Specifications
4. Information for Offerors to Submit
5. Qualifications
6. Award Criteria
7. Terms and Conditions
 - A. General
 - B. Special
8. Bidding Schedule / Cost Proposal
9. Attachments to Solicitation

Questions:

Deadline for receipt of questions regarding this Solicitation: **04/05/19 10:00 AM EST**

To submit questions or request additional information, send your written question/request to be received in Trident Technical College's Procurement Office no later than the date and time shown above.

Send Questions to:	Mail:	Trident Technical College Procurement Department P O Box 118067 Charleston, SC 29423 Attn: Wendy Dennis
	Email:	procurement.questions@tridenttech.edu
	Fax:	(843) 574-6395

Mark Envelopes faxes or emails:	Questions:	Non Destruction Inspection and Testing Equipment 190401-545-12606-04/17/19
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I. Scope of Solicitation

ACQUIRE SUPPLIES / EQUIPMENT (JAN 2006): The purpose of this solicitation is to establish a source or sources of supply for the purchase of new supplies and/or equipment as listed.

II. Instructions to Offerors

A. General Instructions

DEFINITIONS, CAPITALIZATION, AND HEADINGS (FEB 2015): CLAUSE HEADINGS USED IN THIS SOLICITATION ARE FOR CONVENIENCE ONLY AND SHALL NOT BE USED TO CONSTRUE MEANING OR INTENT. EVEN IF NOT CAPITALIZED, THE FOLLOWING DEFINITIONS ARE APPLICABLE TO ALL PARTS OF THE SOLICITATION, UNLESS EXPRESSLY PROVIDED OTHERWISE.

AMENDMENT means a document issued to supplement the original solicitation document.

BOARD means the South Carolina Budget & Control Board or its successor in interest.

BUSINESS means any corporation, partnership, individual, sole proprietorship, joint stock company, joint venture, or any other legal entity. [11-35-310(3)]

CHANGE ORDER means any written alteration in specifications, delivery point, rate of delivery, period of performance, price, quantity, or other provisions of any contract accomplished by mutual agreement of the parties to the contract. [11-35-310(4)]

CONTRACT See clause entitled Contract Documents & Order of Precedence.

CONTRACT MODIFICATION means a written order signed by the procurement officer, directing the contractor to make changes which the clause of the contract titled "Changes," if included herein, authorizes the Procurement Officer to order without the consent of the contractor. [11-35-310(9)]

CONTRACTOR means the Offeror receiving an award as a result of this solicitation.

COVER PAGE means the top page of the original solicitation on which the solicitation is identified by number. Offerors are cautioned that Amendments may modify information provided on the Cover Page.

OFFER means the bid or proposal submitted in response this solicitation. The terms Bid and Proposal are used interchangeably with the term Offer.

OFFEROR means the single legal entity submitting the offer. The term Bidder is used interchangeably with the term Offeror. See bidding provisions entitled Signing Your Offer and Bid/Proposal As Offer To Contract.

PAGE TWO means the second page of the original solicitation, which is labeled Page Two.

PROCUREMENT OFFICER means the person, or his successor, identified as such on either the Cover Page, an amendment, or an award notice.

YOU and YOUR means Offeror.

SOLICITATION means this document, including all its parts, attachments, and any Amendments.

STATE means the Using Governmental Unit(s) identified on the Cover Page.

SUBCONTRACTOR means any person you contract with to perform or provide any part of the work.

US or WE means the using governmental unit.

USING GOVERNMENTAL UNIT means the unit(s) of government identified as such on the Cover Page. If the Cover Page identifies the Using Governmental Unit as "Statewide Term Contract," the phrase "Using Governmental Unit" means any South Carolina Public Procurement Unit [11-35-4610(5)] that has submitted a Purchase Order to you pursuant to the contract resulting from this solicitation. Reference: the clauses titled "Purchase Orders" and "Statewide Term Contract."

WORK means all labor, materials, equipment, services, or property of any type, provided or to be provided by the Contractor to fulfill the Contractor's obligations under the Contract. [02-2A003-2]

AMENDMENTS TO SOLICITATION (JAN 2004): (a) The Solicitation may be amended at any time prior to opening. All actual and prospective Offerors should monitor the following web site for the issuance of Amendments: <http://www.tridenttech.edu/procurement.htm> (b) Offerors shall acknowledge receipt of any amendment to this solicitation (1) by signing and returning the amendment, (2) by identifying the amendment number and date in the space provided for this purpose on Page Two, (3) by letter, or (4) by submitting a bid that indicates in some way that the bidder received the amendment. (c) If this solicitation is amended, then all terms and conditions which are not modified remain unchanged.

AUTHORIZED AGENT (FEB 2015): All authority regarding this procurement is vested solely with the responsible Procurement Officer. Unless specifically delegated in writing, the Procurement Officer is the only government official authorized to bind the government with regard to this procurement or the resulting contract.

AWARD NOTIFICATION (FEB 2015): Notice regarding any award, cancellation of award, or extension of award will be posted at the location and on the date specified on the Cover Page or, if applicable, any notice of extension of award. Should the contract resulting from this Solicitation have a total or potential value of one hundred thousand dollars or more, such notice will be sent to all Offerors responding to the Solicitation and any award will not be effective until the eleventh day after such notice is given.

BID / PROPOSAL AS OFFER TO CONTRACT (JAN 2004): By submitting Your Bid or Proposal, You are offering to enter into a contract with the Using Governmental Unit(s). Without further action by either party, a binding contract shall result upon final award. Any award issued will be issued to, and the contract will be formed with, the entity identified as the Offeror on the Cover Page. An Offer may be submitted by only one legal entity; "joint bids" are not allowed.

BID ACCEPTANCE PERIOD (JAN 2004): In order to withdraw Your Offer after the minimum period specified on the Cover Page, You must notify the Procurement Officer in writing.

BID IN ENGLISH & DOLLARS (JAN 2004): Offers submitted in response to this solicitation shall be in the English language and in US dollars, unless otherwise permitted by the Solicitation.

PROCUREMENT AGENT (TTC 2015): The Procurement Officer is an employee of the State acting on behalf of the Using Governmental Unit(s) pursuant to the Consolidated Procurement Code. Any contracts awarded as a result of this procurement are between the Contractor and the Using Governmental Units(s).

CERTIFICATE OF INDEPENDENT PRICE DETERMINATION (MAY 2008) GIVING FALSE, MISLEADING, OR INCOMPLETE INFORMATION ON THIS CERTIFICATION MAY RENDER YOU SUBJECT TO PROSECUTION UNDER SECTION 16-9-10 OF THE SOUTH CAROLINA CODE OF LAWS AND OTHER APPLICABLE LAWS.

(a) By submitting an offer, the offeror certifies that-

(1) The prices in this offer have been arrived at independently, without, for the purpose of restricting competition, any consultation, communication, or agreement with any other offeror or competitor relating to-

(i) Those prices;

(ii) The intention to submit an offer; or

(iii) The methods or factors used to calculate the prices offered.

(2) The prices in this offer have not been and will not be knowingly disclosed by the offeror, directly or indirectly, to any other offeror or competitor before bid opening (in the case of a sealed bid solicitation) or contract award (in the case of a negotiated solicitation) unless otherwise required by law; and

(3) No attempt has been made or will be made by the offeror to induce any other concern to submit or not to submit an offer for the purpose of restricting competition.

(b) Each signature on the offer is considered to be a certification by the signatory that the signatory-

(1) Is the person in the offeror's organization responsible for determining the prices being offered in this bid or proposal, and that the signatory has not participated and will not participate in any action contrary to paragraphs (a)(1) through (a)(3) of this certification; or

(2)(i) Has been authorized, in writing, to act as agent for the offeror's principals in certifying that those principals have not participated, and will not participate in any action contrary to paragraphs (a)(1) through (a)(3) of this certification [As used in this subdivision (b)(2)(i), the term "principals" means the person(s) in the offeror's organization responsible for determining the prices offered in this bid or proposal];

(ii) As an authorized agent, does certify that the principals referenced in subdivision (b)(2)(i) of this certification have not participated, and will not participate, in any action contrary to paragraphs (a)(1) through (a)(3) of this certification; and

(iii) As an agent, has not personally participated, and will not participate, in any action contrary to paragraphs (a)(1) through (a)(3) of this certification.

(c) If the offeror deletes or modifies paragraph (a)(2) of this certification, the offeror must furnish with its offer a signed statement setting forth in detail the circumstances of the disclosure.

CERTIFICATION REGARDING DEBARMENT AND OTHER RESPONSIBILITY MATTERS (JAN 2004)

(a)(1) By submitting an Offer, Offeror certifies, to the best of its knowledge and belief, that-

(i) Offeror and/or any of its Principals-

(A) Are not presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any state or federal agency;

(B) Have not, within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, state, or local) contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, or receiving stolen property; and

C) Are not presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in paragraph (a)(1)(i)(B) of this provision.

(ii) Offeror has not, within a three-year period preceding this offer, had one or more contracts terminated for default by any public (Federal, state, or local) entity.

(2) "Principals," for the purposes of this certification, means officers; directors; owners; partners; and, persons having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a subsidiary, division, or business segment, and similar positions).

(b) Offeror shall provide immediate written notice to the Procurement Officer if, at any time prior to contract award, Offeror learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

(c) If Offeror is unable to certify the representations stated in paragraphs (a)(1), Offer must submit a written explanation regarding its inability to make the certification. The certification will be considered in connection with a review of the Offeror's responsibility. Failure of the Offeror to furnish additional information as requested by the Procurement Officer may render the Offeror non-responsible.

(d) Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by paragraph (a) of this provision. The knowledge and information of an Offeror is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

(e) The certification in paragraph (a) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the Offeror knowingly or in bad faith rendered an erroneous certification, in addition to other remedies available to the State, the Procurement Officer may terminate the contract resulting from this solicitation for default.

CODE OF LAWS AVAILABLE (JAN 2006): The South Carolina Code of Laws, including the Consolidated Procurement Code, is available at <http://www.scstatehouse.net/code/statmast.htm>. The South Carolina Regulations are available at: <http://www.scstatehouse.net/coderegs/statmast.htm>.

SUBMITTING A PAPER OFFER OR MODIFICATION (TTC Clause Mar 2015): For paper offer or modification the following instructions apply. (a) All prices and notations should be printed in ink or typewritten. Errors should be crossed out, corrections entered and initialed by the person signing the bid. Do not modify the solicitation document itself (including bid schedule). (b) (1) All copies of the offer or modification, and any other documents required to be submitted with the offer shall be enclosed in a sealed, opaque envelope or package. (2) Submit your offer or modification to the address on the Cover Page. (3) The envelope or package must show the time and date specified for opening, the solicitation number, and the name and address of the bidder. If the offer or modification is sent by mail or special delivery service (UPS, Federal Express, etc.), the outermost envelope or wrapper must be labeled "OFFER ENCLOSED" on the face thereof. (c) If you are responding to more than one solicitation, submit each offer in a separate envelope or package. (d) Submit the number of copies indicated on the Cover Page. (e) Facsimile or e-mail offers, modifications, or withdrawals, will not be considered unless authorized by the Solicitation.

COMPLETION OF FORMS / CORRECTION OF ERRORS (JAN 2006): All prices and notations should be printed in ink or typewritten. Errors should be crossed out, corrections entered and initialed by the person signing the bid. Do not modify the solicitation document itself (including bid schedule). (Applicable only to offers submitted on paper.)

DISCLOSURE OF CONFLICTS OF INTEREST OR UNFAIR COMPETITIVE ADVANTAGE (FEB 2015): You warrant and represent that your offer identifies and explains any unfair competitive advantage you may have in competing for the proposed contract and any actual or potential conflicts of interest that may arise from your participation in this competition or your receipt of an award. The two underlying principles are (a) preventing the existence of conflicting roles that might bias a contractor's judgment, and (b) preventing an

unfair competitive advantage. If you have an unfair competitive advantage or a conflict of interest, the state may withhold award. Before withholding award on these grounds, an offeror will be notified of the concerns and provided a reasonable opportunity to respond. Efforts to avoid or mitigate such concerns, including restrictions on future activities, may be considered. Without limiting the foregoing, you represent that your offer identifies any services that relate to either this solicitation or the work and that has already been performed by you, a proposed subcontractor, or an affiliated business of either.

SUBMISSION OF OFFER (TTC MAR 2005): Offers must be received in the Procurement office by date and time stated on cover page.

DEADLINE FOR SUBMISSION OF OFFER (JAN 2004): Any offer received after the Procurement Officer of the governmental body or his designee has declared that the time set for opening has arrived, shall be rejected unless the offer has been delivered to the designated purchasing office or the governmental body's mail room which services that purchasing office prior to the opening. [R.19-445.2070(G)]

DRUG FREE WORK PLACE CERTIFICATION (JAN 2004): By submitting an Offer, Contractor certifies that, if awarded a contract, Contractor will comply with all applicable provisions of The Drug-free Workplace Act, Title 44, Chapter 107 of the South Carolina Code of Laws, as amended.

DUTY TO INQUIRE (FEB 2015): Offeror, by submitting an Offer, represents that it has read and understands the Solicitation and that its Offer is made in compliance with the Solicitation. Offerors are expected to examine the Solicitation thoroughly and should request an explanation of any ambiguities, discrepancies, errors, omissions, or conflicting statements in the Solicitation. Failure to do so will be at the Offeror's risk. All ambiguities, discrepancies, errors, omissions, or conflicting statements in the Solicitation shall be interpreted to require the better quality or greater quantity of work and/or materials, unless otherwise directed by amendment. Offeror assumes responsibility for any patent ambiguity in the Solicitation that Offeror does not bring to the State's attention. See clause entitled "Questions from Offerors."

OFFEROR'S RESPONSIBILITY (TTC MAR 2005): Additionally, each offeror shall fully acquaint himself with conditions relating to the scope and restrictions attending the execution of the work under the conditions of this solicitation. It is expected that this will sometimes require on-site observation. The failure or omission of an offeror to acquaint himself with existing conditions shall in no way relieve him of any obligation with respect to this solicitation or to the contract.

ETHICS CERTIFICATE (May 2008): By submitting an offer, the offeror certifies that the offeror has and will comply with, and has not, and will not, induce a person to violate Title 8, Chapter 13 of the South Carolina Code of Laws, as amended (ethics act). The following statutes require special attention: Section 8-13-700, regarding use of official position for financial gain; Section 8-13-705, regarding gifts to influence action of public official; Section 8-13-720, regarding offering money for advice or assistance of public official; Sections 8-13-755 and 8-13-760, regarding restrictions on employment by former public official; Section 8-13-775, prohibiting public official with economic interests from acting on contracts; Section 8-13-790, regarding recovery of kickbacks; Section 8-13-1150, regarding statements to be filed by consultants; and Section 8-13-1342, regarding restrictions on contributions by contractor to candidate who participated in awarding of contract. The state may rescind any contract and recover all amounts expended as a result of any action taken in violation of this provision. If contractor participates, directly or indirectly, in the evaluation or award of public contracts, including without limitation, change orders or task orders regarding a public contract, contractor shall, if required by law to file such a statement, provide the statement required by Section 8-13-1150 to the procurement officer at the same time the law requires the statement to be filed.

OMIT TAXES FROM PRICE (JAN 2004): Do not include any sales or use taxes in your price that the State may be required to pay.

PROTESTS (June 2006): Any prospective bidder, offeror, contractor, or subcontractor who is aggrieved in connection with the solicitation of a contract shall protest within fifteen days of the date of issuance of the applicable solicitation document at issue. Any actual bidder, offeror, contractor, or subcontractor who is aggrieved in connection with the intended award or award of a contract shall protest within ten days of the date notification of award is posted in accordance with this code. A protest shall be in writing, shall set forth

the grounds of the protest and the relief requested with enough particularity to give notice of the issues to be decided, and must be received by the appropriate Chief Procurement Officer within the time provided. See clause entitled "Protest-CPO" [§ 11-35-4210]

OPEN TRADE REPRESENTATION (JUN 2015): By submitting an Offer, Offeror represents that Offeror is not currently engaged in the boycott of a person or an entity based in or doing business with a jurisdiction with whom South Carolina can enjoy open trade, as defined in SC Code Section 11-35-5300.

PROHIBITED COMMUNICATIONS AND DONATIONS (FEB 2015): Violation of these restrictions may result in disqualification of your offer, suspension or debarment, and may constitute a violation of law.

(a) During the period between publication of the solicitation and final award, ***you must not communicate, directly or indirectly, with the Using Governmental Unit or its employees, agents or officials regarding any aspect of this procurement activity, unless otherwise approved in writing by the Procurement Officer.*** All communications must be solely with the Procurement Officer. [R. 19-445.2010]

(b) You are advised to familiarize yourself with Regulation 19-445.2165, which restricts donations to a governmental entity with whom you have or seek to have a contract. ***You represent that your offer discloses any gifts made, directly or through an intermediary, by you or your named subcontractors to or for the benefit of the Using Governmental Unit during the period beginning eighteen months prior to the Opening Date.*** [R. 19-445.2165]

PUBLIC OPENING (JAN 2004): Offers will be publicly opened at the date / time and at the location identified on the Cover Page, or last Amendment, whichever is applicable.

QUESTIONS FROM OFFERORS (FEB 2015): (a) Any prospective offeror desiring an explanation or interpretation of the solicitation, drawings, specifications, etc., must request it in writing. Questions regarding the original solicitation or any amendment must be received by the Procurement Officer no later than five (5) days prior to opening unless an earlier date is stated on the Cover Page. Label any communication regarding your questions with the name of the procurement officer, and the solicitation's title and number. Oral explanations or instructions will not be binding. [See R. 19-445.2042(B)] Any information given a prospective offeror concerning a solicitation will be furnished promptly to all other prospective offerors as an Amendment to the solicitation, if that information is necessary for submitting offers or if the lack of it would be prejudicial to other prospective offerors. See clause entitled "Duty to Inquire." **We will not identify you in our answer to your question.** (b) The State seeks to permit maximum practicable competition. Offerors are urged to advise the Procurement Officer -- as soon as possible -- regarding any aspect of this procurement, including any aspect of the Solicitation that unnecessarily or inappropriately limits full and open competition. [See R. 19-445.2140]

REJECTION/CANCELLATION (JAN 2004): The State may cancel this solicitation in whole or in part. The State may reject any or all proposals in whole or in part. [SC Code Section 11-35-1710 & R.19-445.2065.]

REJECTION – TIME – TTC: The right is reserved to reject any offer in which the delivery time indicated is considered sufficient to delay the operation for which the commodity is intended.

RESPONSIVENESS/IMPROPER OFFERS (JUN 2015): (a) Bid as Specified. Offers for supplies or services other than those specified will not be considered unless authorized by the Solicitation.

(b) Multiple Offers. Offerors may submit more than one Offer, provided that each Offer has significant differences other than price. Each separate Offer must satisfy all Solicitation requirements. If this solicitation is an Invitation for Bids, each separate offer must be submitted as a separate document. If this solicitation is a Request for Proposals, multiple offers may be submitted as one document, provided that you clearly differentiate between each offer and you submit a separate cost proposal for each offer, if applicable.

(c) Responsiveness. Any Offer which fails to conform to the material requirements of the Solicitation may be rejected as nonresponsive. Offers which impose conditions that modify material requirements of the Solicitation may be rejected. If a fixed price is required, an Offer will be rejected if the total possible cost to the State cannot be determined. Offerors will not be given an opportunity to correct any material nonconformity. Any deficiency resulting from a minor informality may be cured or waived at the sole discretion of the Procurement Officer. [R.19-445.2070 and Section 11-35-1520(13)]

(d) Price Reasonableness: Any offer may be rejected if the Procurement Officer determines in writing that it is unreasonable as to price. [R. 19-445.2070].

(e) Unbalanced Bidding. The State may reject an Offer as nonresponsive if the prices bid are materially unbalanced between line items or subline items. A bid is materially unbalanced when it is based on prices significantly less than cost for some work and prices which are significantly overstated in relation to cost for other work, and if there is a reasonable doubt that the bid will result in the lowest overall cost to the State even though it may be the low evaluated bid, or if it is so unbalanced as to be tantamount to allowing an advance payment.

(f) **Do not submit bid samples or descriptive literature unless expressly requested.** Unsolicited bid samples or descriptive literature will not be examined or tested, will not be used to determine responsiveness, and will not be deemed to vary any of the provisions of the solicitation. S.C. Code Ann. Reg. 19-445.2077(D).

SIGNING YOUR OFFER (JAN 2004): Every Offer must be signed by an individual with actual authority to bind the Offeror. (a) If the Offeror is an individual, the Offer must be signed by that individual. If the Offeror is an individual doing business as a firm, the Offer must be submitted in the firm name, signed by the individual, and state that the individual is doing business as a firm. (b) If the Offeror is a partnership, the Offer must be submitted in the partnership name, followed by the words "by its Partner," and signed by a general partner. (c) If the Offeror is a corporation, the Offer must be submitted in the corporate name, followed by the signature and title of the person authorized to sign. (d) An Offer may be submitted by a joint venturer involving any combination of individuals, partnerships, or corporations. If the Offeror is a joint venture, the Offer must be submitted in the name of the Joint Venture and signed by every participant in the joint venture in the manner prescribed in paragraphs (a) through (c) above for each type of participant. (e) If an Offer is signed by an agent, other than as stated in subparagraphs (a) through (d) above, the Offer must state that it has been signed by an Agent. Upon request, Offeror must provide proof of the agent's authorization to bind the principal.

SUBMISSION OF OFFER: TTC – By Submission of an offer, you are guaranteeing that all goods and/or services meet the requirements of the bid during the contract period.

STATE OFFICE CLOSINGS (JAN 2004): If an emergency or unanticipated event interrupts normal government processes so that offers cannot be received at the government office designated for receipt of bids by the exact time specified in the solicitation, the time specified for receipt of offers will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal government processes resume. In lieu of an automatic extension, an Amendment may be issued to reschedule bid opening. If state offices are closed at the time a pre-bid or pre-proposal conference is scheduled, an Amendment will be issued to reschedule the conference. Useful information may be available at: <http://www.scemd.org/myscgovweb/weather.html>

SUBMITTING CONFIDENTIAL INFORMATION (FEB 2015): (An overview is available at www.procurement.sc.gov) For every document Offeror submits in response to or with regard to this solicitation or request, Offeror must separately mark with the word "CONFIDENTIAL" every page, or portion thereof, that Offeror contends contains information that is exempt from public disclosure because it is either (a) a trade secret as defined in Section 30-4-40(a)(1), or (b) privileged and confidential, as that phrase is used in Section 11-35-410. For every document Offeror submits in response to or with regard to this solicitation or request, Offeror must separately mark with the words "TRADE SECRET" every page, or portion thereof, that Offeror contends contains a trade secret as that term is defined by Section 39-8-20 of the Trade Secrets Act. For every document Offeror submits in response to or with regard to this solicitation or request, Offeror must separately mark with the word "PROTECTED" every page, or portion thereof, that Offeror contends is protected by Section 11-35-1810. All markings must be conspicuous; use color, bold, underlining, or some other method in order to conspicuously distinguish the mark from the other text. Do not mark your entire response (bid, proposal, quote, etc.) as confidential, trade secret, or protected. If your response, or any part thereof, is improperly marked as confidential or trade secret or protected, the State may, in its sole discretion, determine it nonresponsive. If only portions of a page are subject to some protection, do not mark the entire page. By submitting a response to this solicitation or request, Offeror (1) agrees to the public disclosure of every page of every document regarding this solicitation or request that was submitted at any time prior to entering into a contract (including, but not limited to, documents contained in a response, documents submitted to clarify a response, and documents submitted during negotiations), unless the page is conspicuously marked "TRADE SECRET" or "CONFIDENTIAL" or "PROTECTED", (2) agrees that any

information not marked, as required by these bidding instructions, as a "Trade Secret" is not a trade secret as defined by the Trade Secrets Act, and (3) agrees that, notwithstanding any claims or markings otherwise, any prices, commissions, discounts, or other financial figures used to determine the award, as well as the final contract amount, are subject to public disclosure. In determining whether to release documents, the State will detrimentally rely on Offeror's marking of documents, as required by these bidding instructions, as being either "Confidential" or "Trade Secret" or "PROTECTED". By submitting a response, Offeror agrees to defend, indemnify and hold harmless the State of South Carolina, its agencies, officers and employees, from every claim, demand, loss, expense, cost, damage or injury, including attorney's fees, arising out of or resulting from withholding information by the State of South Carolina or any of its agencies, that Offeror marked as "confidential" or "trade secret" or "PROTECTED". (All references to S.C. Code of Laws.)

SUBMITTING YOUR OFFER OR MODIFICATION (JAN 2004): (a) Offers and offer modifications shall be submitted in sealed envelopes or packages (unless submitted by electronic means) – (1) Addressed to the office specified in the Solicitation; and (2) Showing the time and date specified for opening, the solicitation number, and the name and address of the bidder. (b) If you are responding to more than one solicitation, each offer must be submitted in a different envelope or package. (c) Each Offeror must submit the number of copies indicated on the Cover Page. (d) Offerors using commercial carrier services shall ensure that the Offer is addressed and marked on the outermost envelope or wrapper as prescribed in paragraphs (a)(1) and (2) of this provision when delivered to the office specified in the Solicitation. (e) Facsimile or e-mail offers, modifications, or withdrawals, will not be considered unless authorized by the Solicitation. (f) Offers submitted by electronic commerce shall be considered only if the electronic commerce method was specifically stipulated or permitted by the solicitation.

TAX CREDIT FOR SUBCONTRACTING WITH DISADVANTAGED SMALL BUSINESSES (JAN 2008) Pursuant to Section 12-6-3350, a taxpayer having a contract with this State who subcontracts with a socially and economically disadvantaged small business is eligible for an income tax credit equal to four percent of the payments to that subcontractor for work pursuant to the contract. The subcontractor must be certified as a socially and economically disadvantaged small business as defined in Section 11-35-5010 and regulations pursuant to it. The credit is limited to a maximum of fifty thousand dollars annually. A taxpayer is eligible to claim the credit for ten consecutive taxable years beginning with the taxable year in which the first payment is made to the subcontractor that qualifies for the credit. After the above ten consecutive taxable years, the taxpayer is no longer eligible for the credit. A taxpayer claiming the credit shall maintain evidence of work performed for the contract by the subcontractor. The credit may be claimed on Form TC-2, "Minority Business Credit." A copy of the subcontractor's certificate from the Governor's Office of Small and Minority Business (OSMBA) is to be attached to the contractor's income tax return. Questions regarding the tax credit and how to file are to be referred to: SC Department of Revenue, Research and Review, Phone: (803) 898-5786, Fax: (803) 898-5888. Questions regarding subcontractor certification are to be referred to: Governor's Office of Small and Minority Business Assistance, Phone: (803) 734-0657, Fax: (803) 734-2498.

TAXPAYER IDENTIFICATION NUMBER (JAN 2004): (a) If Offeror is owned or controlled by a common parent as defined in paragraph (b) of this provision, Offeror shall submit with its Offer the name and TIN of common parent. (b) Definitions: "Common parent," as used in this provision, means that corporate entity that owns or controls an affiliated group of corporations that files its Federal income tax returns on a consolidated basis, and of which the offeror is a member. "Taxpayer Identification Number (TIN)," as used in this provision, means the number required by the Internal Revenue Service (IRS) to be used by the offeror in reporting income tax and other returns. The TIN may be either a Social Security Number or an Employer Identification Number. (c) If Offeror does not have a TIN, Offeror shall indicate if either a TIN has been applied for or a TIN is not required. If a TIN is not required, indicate whether (i) Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United States; (ii) Offeror is an agency or instrumentality of a state or local government; (iii) Offeror is an agency or instrumentality of a foreign government; or (iv) Offeror is an agency or instrumentality of the Federal Government.

WITHDRAWAL OR CORRECTION OF OFFER (JAN 2004): Offers may be withdrawn by written notice received at any time before the exact time set for opening. If the Solicitation authorizes facsimile offers, offers may be withdrawn via facsimile received at any time before the exact time set for opening. A bid may be

withdrawn in person by a bidder or its authorized representative if, before the exact time set for opening, the identity of the person requesting withdrawal is established and the person signs a receipt for the bid. The withdrawal and correction of Offers is governed by S.C. Code Section 11-35-1520 and Regulation 19-445.2085.

II. Instructions to Offerors
B. Special Instructions

TRIDENT TECHNICAL COLLEGE WILL NOT ACCEPT FAXED QUOTATIONS

CLARIFICATION (NOV 2007) Pursuant to Section 11-35-1520(8), the Procurement Officer may elect to communicate with you after opening for the purpose of clarifying either your offer or the requirements of the solicitation. Such communications may be conducted only with offerors who have submitted an offer which obviously conforms in all material aspects to the solicitation. Clarification of an offer must be documented in writing and included with the offer. Clarifications may not be used to revise an offer or the solicitation. [Section 11-35-1520(8); R.19-445.2080]

OFFERING BY LOT (JAN 2006): Offers may be submitted for one or more complete lots. Failure to offer on all items within a lot will be reason for rejection.

MAIL PICKUP TTC: Trident Technical College picks up all mail from The US Postal Service once daily around 8:00 a.m. (excluding weekends and holidays). See provision entitled Deadline for Submission of Offer.

UNIT PRICES REQUIRED (JAN 2006): Unit price to be shown for each item.

PROTEST – CPO - MMO ADDRESS (June 2006): Any protest must be addressed to the Chief Procurement Officer, Materials Management Office, and submitted in writing (a) by email to protest-mmo@mmo.state.sc.us, (b) by facsimile at 803-737-0639, or (c) by post or delivery to 1201 Main Street, Suite 600, Columbia, SC 29201.

PROTEST – TTC – Send a copy of any protest filed with the Chief Procurement Officer as instructed above to the Director of Procurement, Trident Technical College, PO Box 118067, Charleston, SC 29423 or fax to: 843 574-6395.

PREFERENCES - A NOTICE TO VENDORS (SEP. 2009): On June 16, 2009, the South Carolina General Assembly rewrote the law governing preferences available to in-state vendors, vendors using in-state subcontractors, and vendors selling in-state or US end products. This law appears in Section 11-35-1524 of the South Carolina Code of Laws. A summary of the new preferences is available at www.procurement.sc.gov/preferences. **VENDORS ARE CAUTIONED TO CAREFULLY REVIEW THE STATUTE BEFORE CLAIMING ANY PREFERENCES. THE REQUIREMENTS TO QUALIFY HAVE CHANGED. IF YOU REQUEST A PREFERENCE, YOU ARE CERTIFYING THAT YOUR OFFER QUALIFIES FOR THE PREFERENCE: YOU'VE CLAIMED. IMPROPERLY REQUESTING A PREFERENCE: CAN HAVE SERIOUS CONSEQUENCES.** [11-35-1524(E)(4)&(6)]

PREFERENCES - SC/US END-PRODUCT (SEP 2009): Section 11-35-1524 provides a pReference: to vendors offering South Carolina end-products or US end-products, if those products are made, manufactured, or grown in SC or the US, respectively. An end-product is the tangible project identified for acquisition in this solicitation, including all component parts in final form and ready for the use intended. The terms "made," "manufactured," and "grown" are defined by Section 11-35-1524(A). By signing your offer and checking the appropriate space(s) provided and identified on the bid schedule, you certify that the end-product(s) is either made, manufactured or grown in South Carolina, or other states of the United States, as applicable. PReference: will be applied as required by law. Post award substitutions are prohibited. See "Substitutions Prohibited - End Product Preferences (Sep 2009)" provision.

PREFERENCES - RESIDENT VENDOR PREFERENCE: (SEP 2009): To qualify for the RVP, you must maintain an office in this state. An office is a nonmobile place for the regular transaction of business or performance of a particular service which has been operated as such by the bidder for at least one year before the bid opening and during that year the place has been staffed for at least fifty weeks by at least two employees for at least thirty five hours a week each. In addition, you must either: (1) maintain at a location in South Carolina at the time of the bid an inventory of expendable items which are representative of the general type

of commodities on which the award will be made and which have a minimum total value, based on the bid price, equal to the lesser of fifty thousand dollars [\$50,000] or the annual amount of the contract; or (2) be a manufacturer headquartered and having an annual payroll of at least one million dollars in South Carolina and the end product being sold is either made or processed from raw materials into a finished end product by that manufacturer or its affiliate (as defined in Section 1563 of the Internal Revenue Code).

Bidding Instructions:

The Manufacturer and model numbers referenced are for identification and are not to be considered restrictive as to manufacturer. Items offered must meet the specifications included in this solicitation and be equal in quality and performance to the items described. The right is reserved to reject any offering in which the items offered are considered unsatisfactory in any manner. The State will determine if minor deviations from these features are acceptable.

Offerors must include the Manufacturer and Model numbers in the spaces provided on the bidding schedule for each item offered. If offering other than the Manufacturer and Model number referenced, Offeror must also attach manufacturer's latest specification sheets with offer or within two (2) days of request.

Do not alter or otherwise modify the bidding schedule.

Do not add additional quotes or terms and conditions.

III. Scope of Work/Specifications

Trident Technical College (TTC) is one of sixteen technical colleges that comprise the State Technical College System of South Carolina. TTC offers more than 150 academic programs of study in a variety of technical and career areas, as well as programs for those who plan to continue their education at a four-year college.

Additionally, the Division of Continuing Education and Economic Development (Division) promotes economic development through standard and customized training programs and consulting services to improve the competitiveness and quality of area businesses. The Division registered over 13,000 students in open enrollment and contract training classes in FY 18, with over 4,000 registrations coming from students taking contract training courses related to manufacturing.

TTC's service region includes Berkeley, Charleston, and Dorchester counties of South Carolina and is home to some of the most advanced manufacturing and healthcare organizations in the world including Boeing, Bosch, Mercedes Benz Vans, Volvo Cars USA, and the Medical University of South Carolina.

To support the state of South Carolina's growing aerospace and advanced manufacturing cluster, TTC is currently constructing an \$80M South Carolina Aeronautical Training Center (SCATC) on its Thornley Campus in North Charleston, SC, due to open for classes in fall of 2019. The SCATC represents approximately 218,000 ft² that includes 22 classrooms, 25 specialty labs, 6 flex-space labs, 37 faculty/staff offices, conference and meeting space, a café and catering kitchen. The college anticipates training over 5,000 students annually in the facility in academic and continuing education programs related to aeronautical and automotive advanced manufacturing.

In this new facility, TTC will enhance legacy programs including Aircraft Maintenance, Avionics, Aircraft Assembly, CNC Machining, Composites, Robotics, and Automation. In addition, TTC will introduce new programs in advanced manufacturing, including Metrology, Nondestructive Testing and Inspection, high precision CNC machining, and Additive Manufacturing.

Finally, the equipment in this building will be showcased as the SCATC will provide a world-class venue for manufacturing conferences, seminars, trade shows, and both regional and statewide economic development activities. As a South Carolina statewide asset, it will be instrumental in attracting more aeronautic and advanced manufacturing suppliers to South Carolina.

The purpose of this solicitation is to establish a source of supply for training equipment for TTC's NDI/NDT program. All equipment shall meet or exceed the following specifications:

Building conditions and project information:

The building is currently under construction with equipment move in date scheduled for July 1, 2019 – July 31, 2019. Equipment installation will be phased during these dates. After contract award, TTC will keep vendor updated concerning construction progress and set specific delivery/install dates within that timeframe.

Building substantial completion is scheduled for August 5, 2019 so there will be contractors and subcontractors working on site at the time of equipment installation.

Equipment will be located on the 2nd floor of the building.

There is a freight elevator available:

Freight elevator:

Clear inside dimensions of the cab: 8'-8 5/16" x 5'-4 1/4"

Door opening: 4'-0" wide x 7'-8" high

Weight capacity: 5,000 lbs.

Offeror shall deliver and install including Unloading, Level, and Set-Up all equipment.

Lot 1

Item 1: Non-Destructive Testing (NDT) System with Active Thermography Reference: MoviTHERM MT-CCHECKIR-001

A lightweight, portable Non-Destructive Testing (NDT) system with active thermography that must allow for contactless inspection of composite materials: ex. Fiberglass (GRP) and Carbon-Fiber Reinforced Polymer (CFRP). Must meet the following minimum technical specifications.

Testing Unit:

- Inspection area: 430mm x 340 mm / 17" x 13"
- Operating distance: 400 mm/16"
- Power requirements: 230 V AC, 2.3kW / 115 V AC, 1.9kW (50 – 60 Hz)
- Maximum weight (device only): 13.2 lbs. / 6 kg.
- Maximum weight (device in transport case): 45 lbs. / 20.5 kg.

Infrared Camera:

- Must Have 640 x 512 pixels Resolution
- Image rate: 30 Hz / 60 Hz
- Thermal sensitivity: < 30mK

Excitation Source:

- Excitation source: 1.8 kV @ 115 V

Control Unit:

- Tablet PC to run system software with 128 GB of storage
 - Minimum 128 GB Storage
 - Minimum 13" Multi-Touch System
 - Minimum Operating System Windows 7

Analysis Software:

- Analysis Software to perform the following:
 - Pulse/Transient Measurements
 - NDE analysis modules
 - Synchronization with infrared camera and excitation source
 - GUI with touchscreen interface

Additional Items:

- Mechanism for mounting on vertical surfaces
- Universal Tripod system
- Transport case
- Minimum Warranty One Year
- After installation contractor shall demonstrate equipment at a mutually agreed upon time. Offeror must include all costs for travel expenses associated with travel to the College to provide the on-site training in his offer.

Item 2: Offeror shall provide in space provided in the bidding schedule costs, if any, for Recurring Annual Costs for the following:

- One year extended warranty
- 4 each Annual software license renewals
- Annual equipment calibration, recertification, or upgrade costs.
- Annual maintenance and support for the specified service program.

Item 3: Offeror shall provide in space provided in the bidding schedule cost for Service Calls

- Labor rate, normal business hours of 8:00 AM to 5:00 PM Monday – Friday less holidays and scheduled closings
- Labor rate, other than normal business hours (may include evenings or week-ends)
- Travel Time/Truck Charge (To include travel time and first half hour on-site of service to repair call visit.)

Lot 2

Item 1: X-Ray System – Cabinet, X-Ray Tube, Portable Digital Radiographic Detector, and Accessories

X-Ray System must include, at a minimum, a X-Ray Cabinet X-Ray tube, and digital radiographic detector with future capability to do field X-Rays with the same equipment. Must meet the following minimum technical specifications.

- **X-Ray Cabinet Construction:**
- The X-Ray Cabinet must be constructed in such a manner as to operate per 21CFR1020.40 – Part 1020 – Performance Standards for Ionizing Radiation Emitting Products.
 - Dimensions: Size: 36” x 36” x 60”
 - Shielded for 200kV 5mA
 - Base stand to raise the inside floor of the cabinet to approximately 34 inches
 - Generic 200KV fixed tube mount.
 - Shelf for Digital Panel
 - 200kV 500W Monoblock® with Cone Beam Reference: Spellman XRB200PN500X4800 with controller
 - Refrigerator style door with a door opening of approximately 30 x 30 inches
 - Built in compliance with CFR 1020.40 and certified for use
 - Maximum Weight 3750 lbs
 - High Voltage Interlock Switch with two “mains” (40 amp rating) and one logic level switch.
 - Cable baffle for
 - High Voltage cables
 - Power for internal light
 - Must include X-Ray safety lights
 - Shielded and survey tested to 200 kV
 - CE Conformity, NFC 74-100, BfS Certification (PTB Approval)
 - The Vendor must certify the system meets all technical and safety certifications for operation in an educational environment (21CFR1020.40)
- **X-Ray Tube Reference: Eresco MF4 200kV Air Cooled Portable X-Ray Tube**
 - Portable – can be cabinet mounted and removed for field use
 - Emergent beam: Direct Emission
 - High voltage range: 10 – 200 kV
 - Tube current range: 0.5 – 10 mA
 - Tube current at U max: 3.0 mA / 200 kV
 - Continuous rating: 600W
 - Nominal focus spot value: 1.0mm (EN12543); 0.5 (IEC336)
 - Anode material: Tungsten (W)
 - Target angle: 20°
 - Emergent beam range: Elliptical, 40° x 60°
 - Inherent filtration: 0.8 +/- 0.1 mm, Be
 - Cooling: Air cooled
 - Duty cycle (1 h operation time): 100%
 - Current and voltage stability: +/- 1%

- Power supply requirements: 160 V – 253 V AC, 80 V – 127 V AC, 50/60 Hz
- Maximum weight of tube head: 59.1 lbs. (26.8 kg)
- Controls: System comes with its controller and required cables
- Certifications:
 - CE Conformity, NFC 74100, BfS Certification (PTB Approval)
- **Portable Digital Radiographic Detector Reference: DXR250U-W Panel**
 - Flat panel type: Amorphous silicon
 - Scintillator material: Gadolinium oxysulfide (GOS)
 - Active area (approx.): 405mm x 405mm
 - Image Format: Full 2048 x 2048
 - Pixel pitch: 200 μ m
 - A/D conversion: 14 bits
 - Exposure times:
 - Minimum – 130 ms
 - Maximum - 150 sec
 - Interface: 100 Mbit Ethernet combined with battery plug, Wi-Fi 802.11g (adhoc/access point)
 - Dynamic range: 10,000:1
 - Dimensions: 600mm x 460mm x 26mm
 - Maximum weight: 11 lb. (5 kg)
 - Operating temperature: -20° C to 50° C
 - Storage temperature: -40° C to 70° C (-40° F to 158° F)
 - Operating humidity: RH, 10 – 90% non-condensing
 - Power supply requirements:
 - Voltage
 - Input: 100 – 240 V, 50 – 60 Hz
 - Output: 12 V DC
 - Maximum dimensions: 105 x 60 x 240 mm (4.13' x 2.36" x 9.45")
 - Maximum weight: 0.7 kg (25.7 oz.)
 - Minimum tether length: 3 m (10 ft.), detachable
 - Battery charger requirements:
 - Type: Two bay, level-3, stand-alone battery charger compliant with Smart Battery System (SBSBus)
 - Power Supply Input: 30 V DC, including wide range power supply
 - Features:
 - Sequential charging
 - Battery calibration in left bay
 - LED status indicator
 - Battery requirements:
 - Type: Lithium Ion
 - Rating: 11.1V, 1.85 Ah, 21 Wh
 - Features: Charging status indicator
 - Portable wireless router / access point requirements:
 - Type: 150 Mbps portable battery / USB powered wireless router
 - Wireless features:
 - IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
 - 2.4 – 2.4835 GHz
 - Supports 64/128 bit WEP, WPA-PSO, WPA2-PSK, Wireless MAC filtering, Enable/Disable, SSID Broadcast
 - Power supply: Internal 2000 mAh rechargeable battery, 5 V DC / 1.0 A external power adapter, Micro USB
 - Maximum dimensions / weight: 3.9" x 2.4" x 0.6" / 3.3 oz.
- **Radiography Equipment Accessories**
 - Radiographic Survey Meter, 1 qty Reference: NDS Products, Inc. Model ND-2000
 - Gamma and X-Ray From 80-2000 KeV Within 20%
 - Three Ranges

- 0-1000, 0-100, 0-10 mR/hr or 0-10,000, 0-1000, 0-100 uSv/hr
 - LCD Display in mR/hr or uSv/hr
 - Halogen Quenched, Energy Compensated GM Tube, Effective Length and Diameter: 0.625" x 0.194", Wall Thickness 90 mg/cm²
 - Saturation in excess of 1000R/hr when calibrated and maintained properly
 - Individual Calibration Potentiometers for each range
 - Operates on two "D" Cell batteries providing over 200 Hours of continuous use with Alkaline Batteries
 - Regulated High and Low Voltages
 - Drop Tested from one meter in excess of twenty five times with no damage or failures
 - Operating Temperature: -20 to 50 °C (-4 to 122 °F), Humidity: Non-Condensing 95%
 - Dustproof
- Pocket dosimeters, 4 qty Reference: Arrow-Tech W138
 - Radiation Detected: Gamma and X-Ray from 16 keV to 6 MeV
 - Range: 0-200mR
 - Detector: Fiber-Electrometer mounted in an Electrically Conductive Plastic Ion Chamber
 - Detector Housing: Very low permeability plastics - Hermetically-Sealed
 - Accuracy: +/- 10% of true exposure
 - Rate Response: Dose rate independent for Gamma and X-Ray
 - Electrical Leakage: Less than 1.0% of full scale for 24 hours at 50 C
 - Temperature Range: -20 degrees C to +50 degrees C
 - Relative Humidity: Up to 90%
 - Finish: Natural Matte Black with a Metal Clip
 - Minimum Warranty: Two Years
 - Minimum Shelf Life: 20 Years
 - Specifications: ANSI N13.5 and ANSI N322-1997
- Dosimeter Charger, 1 qty Reference: Arrow-Tech 909B
 - Capable of charging any Direct-Reading Dosimeter
 - Conforms to ANSI N42.6-1980
 - Must have the ability to "Kick" or remove all residual charge from dosimeters properly, which prevents spurious upscale fiber movement
 - LED Reading Light
 - Residual static charge removed for improved accuracy
 - Case: ABS Plastic
 - Controls: One-Turn Potentiometer
 - Reading: Spring-Loaded Push Rod
 - Power: 1.5V "AA" Batteries
 - Charging Voltage: 40V to 220V
 - Operating Temperature: 0-120F (-18-49C)
- Lead numbers and figures, 1 set Reference: South Manufacturing MLF14
 - A-Z, 0-9 10.50 pack of 100 x 36
 - 1/4" Flat Face Lead Figures
- Penetrometer kit Reference: NDT Supply Penetrometer Set A ASTM-E-1025
 - Consists of 25 I.Q.I's and contains the following sizes: 5, 6, 7, 9, 10, 11, 12, 13, 15, 16, 17, 18, 20, 22, 25, 27, 30, 32, 35, 37, 40, 42, 45, 47, 50
 - Notch System Must Be Able To Identify 8 Grades Of Materials
 - 2% of the thickness of the material to be radiographed to the nearest fractional size
 - Minimum Thickness: .005"
- Minimum Warranty One-year
- After installation contractor shall demonstrate equipment at a mutually agreed upon time. Offeror must include all costs for travel expenses associated with travel to the College to provide the on-site training in his offer.

- Item 2:** Offeror shall provide in space provided in the bidding schedule costs, if any, for Recurring Annual Costs for the following:
- One year extended warranty
 - Annual maintenance and support

- Item 3:** Offeror shall provide in space provided in the bidding schedule cost for Service Calls
- Labor rate, normal business hours of 8:00 AM to 5:00 PM Monday – Friday less holidays and scheduled closings
 - Labor rate, other than normal business hours (may include evenings or week-ends)
 - Travel Time/Truck Charge (To include travel time and first half hour on-site of service to repair call visit.)

Lot 3

Item 1: Customized Dye Penetrant Bench With Filtration System & Water Drainage System Reference: Magnaflux ZA-1227 Method A Item # 621792

A dye penetrant bench with filtration system and water drainage system that must meet the following minimum technical specifications.

- Five station, Method A, water washable penetrant inspection bench with the following stations:
 - Penetrant
 - Rinse
 - Dryer
 - Developer
 - Inspection
- The bench will be located in a lab with water access, but no drain. Therefore, the bench will require its own rinse water recovery, carbon filtering, and pumping capability.
- The waste rinse water system must hold a minimum of 50 US gallons of water before draining and contain its own pump with discharge via a standard water hose to a separate location.
- All waste rinse water must be carbon filtered to a degree whereby it can be disposed of into a standard sewer system following applicable, federal, state, and local codes for waste water disposal.
- Maximum Bench Dimensions: 56”L x 28”W x 36”H
- Maximum Bench Weight: 650 lbs. (295 kg.)
- The minimum tank and station specifications are as follows:
 - Size: 12.9”L x 27.6”W x 16”D
 - Ten (10) gallon penetrant tank capacity
 - Stainless steel penetrant tank
 - Stainless steel rinse tank with hand hose and spray nozzle
 - Thermostat controlled dryer
 - Stainless steel developer tank
 - The inspection station must have its own hood mounted UVA inspection light (specified separately below)
- Electrical requirements: 115V, 60 Hz., single phase for all bench operations
- Minimum Warranty One-year

- Item 2:** Offeror shall provide in space provided in the bidding schedule costs, if any, for Recurring Annual Costs for the following:
- One year extended warranty
 - Annual maintenance and support

- Item 3:** Offeror shall provide in space provided in the bidding schedule cost for Service Calls
- Labor rate, normal business hours of 8:00 AM to 5:00 PM Monday – Friday less holidays and scheduled closings
 - Labor rate, other than normal business hours (may include evenings or week-ends)

Lot 4

Item 1: Dye Penetrant Testing Consumables – Level III

- Magnaflux ZL-67 Water washable penetrant, 5 gallons Reference: Part #: 01-3274-40
- Magnaflux SKC-S NDT Cleaner & Remover, 1 case (12 Aerosol cans) Reference Part #: 01-5750-78
- Magnaflux ZP-4B Dry powder developer, 10 lbs. Reference: Part #: 01-3328-69
- Magnaflux ZP-9F Solvent based developer, 1 case (12 Aerosol cans) Reference: Part #: 01-53252-78
- Magnaflux ZP-9F Solvent based developer, 5 gallons Reference: Part #: 01-5352-40

Item 2: Miscellaneous Penetrant Equipment

- Chemical resistant bib apron, 4 qty. Reference: Part #: S18815BL
- Chemical resistant gloves Size Large, 4 qty. Reference: Part #: S19727
- Ratchet face shield (polycarbonate visor, thermoplastic headgear), 4 qty. Reference: Part #: 4EZC4

Item 3: Ultraviolet and White Light Meter Reference: Spectoline XRP-3000

- Minimum readout specifications:
 - Minimum resolution: 4-digit auto ranging display
 - Minimum screen characteristics:
 - 128 x 64 dot pixel chip on glass
 - STN transmissive monochrome LCD 2.8" (7.1 cm) diagonal illuminated (backlit)
 - Minimum sampling rates:
 - 7.5 Hz (single sensor)
 - 15 Hz (dual sensor)
 - Minimum read update: 2 Hz
 - Overall accuracy: Better than +/- 5% with Reference: to NIST standards
 - Minimum temperature coefficient: +/- 0.025%/°C (0 to 50 °C)
 - Power: Two 9V alkaline batteries
 - Approximate dimensions: 7.75"L x 4.25"W x 1.25"T
 - Maximum weight: 0.8 lbs.
- Dual UV-A/Visible detector minimum specifications:
 - Minimum Irradiance Ranges:
 - UV-A Sensor: 0 – 100 mWatt / cm²
 - Visible Sensor: 0 – 5,300 lux
 - Minimum Spectral Ranges:
 - UV-A Sensor: 320 – 400 nm
 - Visible Sensor: 460-675 nm
 - Approximate dimensions: 4.75"L x 2.0"W x 7/8"T
 - Maximum weight: 0.22 lbs.
- Must provide USB cable (5 ft.) to allow for separation of the screen and detector unit
- Minimum Warranty One-year

Item 4: General Purpose Dye Penetrant Kits Reference: Magnaflux SK-816 # 01-5920-48

- Each kit must contain the following:
 - SKL-SP2, 2 aerosol cans
 - SKD-S2, 2 aerosol cans
 - SKC-S, 4 aerosol cans
 - Heavy duty wiping cloth
 - Paint marker
 - Scrubs hand towels
 - Portable plastic case
 - Instructions

Item 5: Bench Mounted UV A Inspection Light with Hood Mount Reference: Magnaflux ST700 # 628243

The bench mounted UV A Inspection light must meet the following minimum technical specifications.

- Led technology
- Minimum dimensions: 20" x 26"
- Fully sealed construction
- Non-clouding light lenses
- Impact resistant construction
- Built-in white light
- Led minimum intensity: 7,000 μW at 15"
- Hood Mount (Ability to be mounted to inspection bench up to 46" away from inspection surface while maintaining inspection level intensity)
- Lamps must be ASTM and RRES certified for use in virtually any fluorescent NDT inspection
- UV-A filters to eliminate glare and increase contrast
- Multiple mounting and angling options
- Peak UV-A wavelength: 365 +/- 5 nm
- Inspection working distances (ASTM E3022; RRES 90061):
 - 8 in / 20 cm
 - 23 – 54 in / 58 – 137 cm
- Maximum stabilization time: 10 min
- Visible light in UV mode: < 1fc / 10 lux
- Minimum visible light in visible light mode: 60 fc / 600 lux at 36 in / 90 cm
- Control cord minimum length: 10 ft.
- Minimum power cord length: 12 ft.
- Maximum weight: 25 lbs.
- Electrical power: 100 – 240 VAC, 50/60 Hz, 2A max
- Minimum Warranty One-year

Item 6: Handheld LED UV-A Inspection Light Reference: C4 Nomad-Go # UV-3400

The handheld UV A inspection light must meet the following minimum technical specifications.

- Maximum irradiance at 15" / 38 cm: 5000 $\mu W/cm^2$
- Peak wavelength: 365 +/- 5 nm
- Irradiance at peak wavelength at 15": >200 $\mu W/cm^2$
- Typical irradiated area at 15": Circular spot 9" diameter, >1000 $\mu W/cm^2$ (347 – 382nm)
- Emission spectrum:
 - Full width at half maximum: $\leq 15 nm$
 - Longest wavelength at half maximum: $\leq 380 nm$
 - Full width at 10% maximum: $\leq 30 nm$
- Excitation irradiance (347 – 382 nm): >2500 $\mu W/cm^2$
- Wavelength drift at 70 °F ambient: $\leq 3nm$
- Working distances:
 - ASTM: Minimum WD $\leq 5"$
 - RRES 90061: Min WD = 15"; Max WD = 36"
- Typical visible emissions:
 - ASTM range (400 – 760 nm): $\leq 2fc$
 - RRES 90061 range (390 – 800 nm): $\leq 20 lux$ at 15"; $\leq 5 lux$ at 36"
- Operating environment: 32 – 120 °F
- Maximum housing temperature at 70 °F ambient: 116 °F
- Lower supply: 18V lithium ion battery, 2 Included
- (2) 18V Batteries with Battery Charger
- Maximum Weight: 3.12 lbs.

- Approximate run time per battery charge: 150 minutes
- Specification compliance: ASTM E3022; RRES 90061
- Watertight Case
- Safety Glasses
- Minimum Warranty One-year

Item 7: Magnetic Wet Bench with AC and DC Magnetization, Oil Bath Startup Kit and 20 Inch Coil Reference: Magnaflux AD-2045 with option 621452

The magnetic particle bench must be able to find surface and sub-surface defects during wet method magnetic particle inspection. Must meet the following minimum technical specifications.

- Minimum current capacity:
 - 4,000 Amps AC
 - 5,000 Amps Full-Wave DC
- Maximum part length: 54" / 137 cm
- Maximum unsupported part weight capacity (using rail-mounted steady rests): 700 lbs. / 317 kg.
- Maximum part diameter: 12" / 30 cm
- Particle tank capacity: 20 gal / 75 L
- Electrical power options: 230, 380, 415, 460, 575 VAC; 50 – 60 Hz
- Allen-Bradley PLC
- Touch-Screen Operator Interface
- Solid state circuitry
- External pump system for particle bath agitation, circulation and application.
- Minimum Warranty One-year

Item 8: Magnetic Particle Inspection Accessories and Consumables

The following list represents the minimum accessories and consumables for successful start-up of the magnetic particle inspection program.

- 14A Wet particles Case of 4 1lb jars Reference: Part #: 01-0130-71
- UV filtering safety glasses (4 qty) Reference: Part #: UV-50
- Calibrated magnetic field indicator 10-0-10 (2 qty) Reference: Part #: 10-0-10
- Centrifuge tube stand (1 qty) Reference: Part #: MX3504
- Magnetic flux indicator, set of 5 indicators per package Reference: Part #: 008M004
- Circular and cross bar flaw Qualitative Quality Indicators Reference: Part # CX-230
 - Flaw depth 30% of shim thickness, 0.002"
- Tool steel test ring with AS5282 certification (1 qty) Reference: Part #: MX502
- Replacement copper braided pads (2 qty) Reference: Part #: MX3505
- Central conductors (1 qty) Reference: Part #: 622639
- Magnetic particle test bar (1 qty) Reference: Part #: MX3508
- Centrifuge tube (1 qty) Reference: Part #: 3513
- Chemical resistant bib apron (4 qty) Reference: Part #: S-18815BL
- Chemical resistant gloves size large (10 pair) Reference: Part #: S19727

Item 9: Handheld Magnetic Particle Inspection Yoke Test Kit Reference: Magnaflux Y-7 MV Kit # 43509

General purpose handheld magnetic particle yokes for manual magnetic particle inspections. Must meet the following minimum technical specifications.

- Maximum weight: 7.4 lbs.
- Electrical power: 115V – 60 Hz, 6.0A
- Yoke leg span: 0 – 12"
- Electrical cord length: 12 ft.
- Complies with the following specifications
 - ASME BPVC
 - ASTM E709

- ASTM E1444
- ASTM E3024
- The kit should include the following accessories:
 - #1 Gray magnetic powder
 - #8 Red magnetic powder
 - Paint marker
 - Hand cleaner towels
 - Carry case
- Minimum Warranty One-year

Item 10: Portable Eddy Current Testers Reference: UniWest EddyViewProBasic # 100002B

Must meet the following minimum technical specifications.

- Control Features:
 - Variable control knob for selecting and changing instrument settings
 - Scrolling menu
 - Programmable push button function keys
 - Display, Erase, Null and Enter keys
- Display Features:
 - Minimum of 6.5" diagonal display, color flat-panel LCD
 - X/Y impedance plan display
 - O-Scope sweep capability
 - Split screen capability
 - Selectable display mode including strip chart and impedance plane
 - Sensitivity scaling of 0/01, 0.02, 0.05, 0.1, 0.2, 0.5, 1.0, 2.0, and 5.0 Volts per division
 - O-Scope sweep speeds from 1msec/div to 10sec/div
 - Auto clear function of 1 to 10 sec, in 1 sec intervals
 - Variable persistence of 10 to 10 sec
 - Trace dot to give precise location of null point
 - Adjustable null point
 - Phase rotation 0.0 – 359.9 degrees in 0.1 degree increments
- Probe Drive
 - Range from 20 Hz to 15 MHz
 - Frequency adjustable to 3 digits of precision
 - Standard probe drive adjustment of LOW, MED, HIGH
 - Continuous probe drive of 0 to 100 percent
 - 7.0 Vp-p maximum
- Frequencies and Sample Rate
 - 1 frequency enabled at up to 25 kHz sample rate
 - 2 frequency enabled at up to 6 kHz sample rate
- Gain
 - 0 to 114.0 dB
 - Adjustable in 0.1 dB increments
 - X/Y spread increases gain in x or Y axis up to 42 dB
 - Total maximum gain in one axis 114.0 dB
- Filter Capabilities
 - Low and high pass selectable from 0 to 10 kHz
 - Adjustable to 3 digits of precision
- Probe Types
 - Absolute, differential, reflection, and differential reflection
- Documentation / Printers
 - Printouts include menus and headers
 - Full PDF manual and Ethernet protocol documentation
- Conductivity
 - Conductivity range: 2.5% IACS (International Annealed Copper Standard) ~ 100% IACS +/- 1% IACS
 - 60Hz probe is good down to 3% IACS

- 480kHz probe is good down to 1% IACS
- Liftoff range: 0.0 mil ~ 15 mils +/- 1 mil
- Data Storage
 - Programmable test setups – store up to 1,000 test setups
 - Data storage on Secure Digital Card – Can store up to 250 four-mega byte data files on a 1 Gig card.
 - Data storage on USB Drive – Can store files on most USB drives.
- Gate/Alarm
 - Type: Rectangular, elliptical, high- and low-bar dual and single alarms
 - Output: TTL, open collector, audio, headphone
- Input/Output Ports
 - RS-232 serial port for remote control
 - Ethernet for remote control and data transfer
 - Analog outputs of +/- 10 Volts
 - Probe connection via an 8 pin Burndy
 - Scanner connection via 19 pin Lemo
 - RGB output for external monitor
 - Clear/Null input lines
 - Alarm out and alarm audio
 - USB port for keyboard and data out
 - SD card slot
- Power
 - Lithium ion rechargeable battery pack, 10.8 Volts, 5400 mAh
 - Universal power supply and power cable for operation and battery recharge
 - Battery level indicated by LEDs on battery
- General
 - Case: Uniframe design over-molded grips: drip- and dust-proof
 - Maximum dimensions: 11.5”L x 7.5”H x 3”D
 - Maximum weight: 5 lbs. with battery
- Minimum Warranty One-year

Item 11: Eddy Current Startup Kits Reference: Part # 100871

- PSR Pencil probe, Absolute reflection
- PDS Pencil program, Differential shielded
- Conductivity set (copper, aluminum, steel)
- Cable Assy, 8 pin Burndy to 4 pin Fisher
- Aluminum standard w/4 notches (0.010, 0.020, 0.030, 0.040 deep)
- Probe collar shims
- HDS – 0.500 probe
- HDS – 0.437 probe
- HDS – 0.312 probe
- HDS – 0.250 probe
- HDS – 0.187 probe
- Cable Assy, 8 pin Burndy to Triax
- 5 – Hole aluminum bolt hole standard (1/2”, 7/16”, 5/16”, 1/4”, 3/16”)
- Carrying case
- Minimum Warranty One-year

Item 12: UT / PA Ultrasonic Testers Reference: Prisma UT Plus PA 16/16 # UT/PAL

Portable ultrasonic testers for Conventional UT and Phased Array. Must meet the following minimum technical specifications.

Common Requirements for Both Conventional and Phased Array

- Interface & Reporting
 - Integrated help: Active help & parameter description / Optimization
 - Remote connection: Onboard VNC server and FTP server (connection through Ethernet protocol)

- Wizards: Configuration, velocity and zero, wedge delay, sensitivity, TCG, DAC, DGS, element activation, encoder
- Languages: English
- Report generation: PDF report (includes customer logo, scan acoustic parameters, measurements, etc.), PNG screen capture
 - PDF reader: Allows viewing any uploaded PDF file, scan plan, procedures, measurements, etc.
- Inputs & Outputs
 - Encoder: 1 or 2 axis encoding (quadrature input)
 - Digital inputs: 2 input lines (5V TTL)
 - Digital outputs: 4 output lines (5V TTL, 20 mA) for alarm or other external control
 - Power output: 5V, 350mA, current limited
- Enclosure
 - Maximum dimensions: 205mm H x 300mm W x 90mm D
 - Maximum weight: 3.5 kg (with battery)
 - Minimum display size: 8.4" diagonal
 - Display resolution: 800 x 600
 - Display colors: 260k (65535 colors for scan palettes)
 - Display type: TFT LCD, 450 Cd/m², with 2% reflectivity
 - USB ports: 3 USB master ports
 - Ethernet: 100 Mbps
- Battery & Power Supply
 - Battery type: Intelligent Lithium Ion
 - Number of batteries: 1
 - Operation: On battery or on external power (DC power pack)
 - Battery replacement: Yes, no tools required
 - Battery recharge: Recharge in unit (with unit On or Off) – External battery charger (std) (as per EN16392)
 - Battery life: Typical: 7 hours in UT mode, 6 hours in PA mode
- Environmental
 - IP rating: Designed to meet IP66
 - Operating temperature: -10 °C to 45 °C (14 °F to 113 °F)
 - Storage temperature: -25 °C to 60 °C (-13 °F to 140 °F)
- Minimum Warranty One-year

Conventional UT Technical Requirements

- Pulsers
 - Configuration: 2 UT channels
 - Test modes: Pulse-Echo, Transmit/Receive, and TOFD
 - Transducer socket: LEMO 1 or BNC
 - Pulse voltage: -100V to -450V (in steps of 10V)
 - Pulse Repetition Frequency: 1 Hz to 1500 Hz
 - Pulse shape: Negative square wave
 - Pulse width: Adjustable; Spike to 2000ns (2.5 ns resolution)
 - Edge time: 15ns in 50Ω load @ 200V
 - Output impedance: 5Ω
 - Trigger synchronization: On encoder resolution or internal PRF (both encoded or not)
 - Damping resistor: Selectable, 50Ω to 400Ω
- Receivers
 - Gain range: 100 dB (0.1 dB steps), Analog gain
 - Max input voltage: 25 Vp-p
 - Input impedance: 1kΩ (pitch and catch)
 - Bandwidth: 200 kHz to 22 MHz (-3 dB)
 - Analog filters: 4 (automatic or manual)
 - Digital filters: 10 (automatic or manual)
 - Rectification: Full wave, positive, negative, none (RF)
 - Signal enhancement: Digital filters, Smoothing, Contouring, Rejection, Averaging
- Data Acquisition

- Architecture: 2 channels, true 200 MHz sampling rate
- Digitizer resolution 12 bit ADC
- Amplitude measurement: (0% to 100%) or (0% to 150%) FSH
- Data processing: 16 bit/sample
- Data recording: Full raw data recording (plus sub-sampling options)
- File size: up to 3 GB
- Digitizing frequency: 50 MHz, 100 MHz, 200 MHz
- Max A-Scan Length: 8192 samples
- Sub-sampling: 1:1 to 1:128
- Reference: Initial pulse or gate/IFT supported
- Trigger sync.: Encoder or internal
- Scan & Views
 - Supported scans: A-Scan & TOFD
 - Number of scans: Up to 2
 - Views: A, B, C-Scan, Merged & TOFD
 - Color maps: up to 10
 - Number of layouts: 18
- Cursors
 - Cursor types: Cartesian, Hyperbolic (TOFD)
 - Measurements: Path length, Depth, Surface distance, DAC, AWS, DGS
- DAC & TCG
 - DAC points: 16
 - DAC: 1 with 3 “sub DACS”
 - TCG points: 16
 - Gain range: 60 dB
 - Max gain slope: 60 dB/ μ S
- Gates
 - A-scan gates: 4 gates per A-scan
 - Gate trigger: Flank/Peak
 - Alarm LED: 2 (sync on all gates & DACs)
 - Measurements (A-scan): Peak & Flank (FSH, dB, Depth, Beam path length, Surface distance), Echo-to-Echo, Floating gates (Reference: from IFT)

Phased Array Technical Requirements

- Pulsers
 - Configuration: 16:16 or 16:64
 - Test modes: Pulse-Echo, Transmit/Receive
 - Transducer socket: I-PEX
 - Pulse voltage: -25V to -75V (in steps of 5 V)
 - Pulse Repetition Frequency: 1 Hz to 5000 Hz
 - Pulse shape: Negative square wave
 - Pulse width: Adjustable; Spike to 1000ns (2.5 ns resolution)
 - Edge time: 12ns in 50 Ω load @ 50V
 - Output impedance: <10 Ω
 - Trigger synchronization: On encoder resolution or internal PRF (not encoded)
 - Focus delay range: 0 to 10 μ S (2.5 ns resolution)
- Receivers
 - Gain range: 0 to 76 dB (0.1 dB steps), Analog gain
 - Max input voltage: 200 mVp-p
 - Input impedance: 200 Ω
 - Bandwidth: 200 kHz to 14 MHz
 - Analog filters: 3 (automatic)
 - Digital filters: 10 (automatic or manual)
 - Rectification: Full wave, positive, negative, none (RF)
 - Signal enhancement: Digital filters, Smoothing, Contouring, Rejection
 - Focus delay range: 0 to 10 μ S (16ns resolution interpolated to 3.8ns)
- Data Acquisition
 - Architecture: 16 channels, full digital delay & sum

- Digitizer resolution 12-bit ADC
- Amplitude measurement: (0% to 100%) or (0% to 150%) FSH
- Data processing: 16 bit/sample
- Data recording: Full raw data recording (plus sub-sampling options)
- File size: up to 3 GB
- Digitizing frequency: 65 MHz
- Focal laws: 128
- Focusing mode: Natural or constant depth/path/offset
- Max A-Scan Length: 4096 samples
- Sub-sampling: 1:1 to 1:128
- Reference: Initial pulse or gate/IFT supported
- Trigger sync.: Encoder or internal
- Scan & Views
 - Supported scans: S-Scan or L-Scan TOFD
 - Number of scans: 1 (with up to 3 extracted A-Scans)
 - Views: A, B, C, L, S-Scan, Merged plus true TOP & END
 - Color maps: up to 10
 - Number of layouts: 35
- Cursors
 - Cursor types: Cartesian, Extraction Box, Angular
 - Measurements: Path length, Depth, Surface distance, DAC, AWS
- DAC & TCG
 - DAC points: 16
 - DAC: 1 with 3 “sub DACS” per focal Law
 - TCG points: 16
 - Gain range: 40 dB
 - Max gain slope: 50 dB/ μ S
- Gates
 - A-scan gates: 4 gates per A-scan (3 extracted A-scans per S/L-Scan)
 - Gate trigger: Flank/Peak
 - S/L-Scan: 1 Extraction box
 - Alarm LED: 2 (sync on all gates & DACs)
 - Measurements (A-scan): Peak & Flank (FSH, dB, Depth, Beam path length, Surface distance), Echo-to-Echo, Floating gates (Reference: from IFT)

Item 13: Conventional and Phased Array / PA Ultrasonic Tester Transducers & Wedges

Transducers and wedges needed to support the above UT/PA Ultrasonic Testers to perform sectorial scans of general welds, castings, flanges, automotive, and machine parts. Must meet the following minimum technical specifications.

- **Probe 1 Reference: Part # X2A-002**
 - Frequency: 5 MHz
 - Number of elements: 16
 - Elevation: 10mm
 - Element pitch: 0.6mm
 - Aperture: 9.6mm
 - External dimensions (L,W,H): 16mm x 23mm x 20mm
- **Wedge 1 Reference: Part # X2AW-001**
 - Wave type: Longitudinal
 - Angle steel: 0°
 - Cut angle: 0°
 - Delay line: 25mm
 - Length, Width: 23mm, 25mm
 - Front height: 25mm
 - Back height: 25mm
- **Wedge 2 Reference: Part # X2AW-004**
 - Wave type: Shear
 - Angle steel: 60°

- Cut angle: 39°
- Delay line: 0mm
- Length, Width: 26.5mm, 25mm
- Front height: 15.4mm
- Back height: 4.0mm
- **Compact Universal Encoder Reference: Part # PX-C-Clamp Encoder**
 - Clamp width: Maximum opening of 55mm
 - Encoder wheel diameter: 39mm
 - Encoder resolutions: 33 steps/mm
 - Waterproof: IP6B rated (immersion up to 1m)
 - Other features:
 - Adjustable encoder spring-loading
 - Can be positioned at 0° & 90° (for B & D scans)
 - 2.5m cable
 - Universal clamp system
 - Protective case
- **NAVSHIPS Test Block Reference: Part # NAVSHIPS**
 - Maximum dimensions: 12.000" x 3.000" x 1.250"
 - Material: 1018 steel
 - Storage case
 - Amplitude, sensitivity, and flaw depth correction hole pattern:
 - Six 3/64" diameter side-drilled through-holes at distances of 0.25" to 2.75" in 0.25" increments
- **Standard AWS Test Kit Reference: Part #AWSS01**
 - 0.75" x 2.25 MHz Single contact transducer Part # SLM7525
 - 1" x 2.25 MHz Single contact transducer Part # SLM1025
 - 0.62" x 0.62" x 2.25 MHz standard shearwave Part # SSG62622
 - 0.62" x 0.75" x 2.25 MHz standard shearwave Part # SSG62752
 - 0.625" x 45° AWS snail wedge Part # SNW6245
 - 0.625" x 60° AWS snail wedge Part #SNW6260
 - 0.625" x 70° AWS snail wedge Part # SNW6270
 - BNC – BNC single 6' cable with AWS-DSC carbon steel calibration block Part # 152053
 - Couplant: 0.125 mL bottle of water based couplant AWS case for kit Part # COUPLANT

DELIVERY / PERFORMANCE LOCATION – SPECIFIED JAN 2006): After award, all deliveries shall be made and all services provided to the following address, unless otherwise specified:

Trident Technical College
Main Campus / South Carolina Aeronautical Training Center Bldg 1000
7000 Rivers Avenue
North Charleston, SC 29406

DELIVERY DATE - TTC (MAY 2018): The college requests that delivery be made at a future date to be determined. **Requested Delivery Date Range: Tentative Dates: July 1 – July 31, 2019**

QUALITY – NEW (JAN 2006): All items must be new.

INSTALLATION (JAN 2006): Contractor shall install all items acquired pursuant to this contract as follows:

- The Contractor shall install and set-up all equipment.
- All installation work shall be done by either manufacturer's representative personnel, or experienced dealer personnel who have been authorized in writing by manufacturer to install the equipment. College shall receive a written authorization prior to commencement of installation.

SERVICE: All offerors are required to have an adequate service organization with service representatives for the geographical area for which the bid is applicable. The service representative should be employed by the offeror or designated by him as his authorized representative on a full time basis and not as a subcontractor. Telephone and/or email support time must be within 6 hours of any request for service or assistance with

subsequent 48 hour on-site response, if required. The equipment must remain in operational condition to facilitate the ongoing instructional purposes of the College.

TRAINING: Upon request, contractor shall demonstrate equipment at a mutually agreed upon time.

WARRANTY – STANDARD (JAN 2006): Contractor must provide the manufacturer's standard written warranty upon delivery of product. Contractor warrants that manufacturer will honor the standard written warranty provided.

WORKING HOURS: The successful bidder shall perform the installation work between 8:30 a.m. and 5:00 p.m. Monday through Friday. Additional work hours may be scheduled with advance notice to the College.

IV. Information for Offerors to Submit

INFORMATION FOR OFFERORS TO SUBMIT – GENERAL (MAR 2015): You shall submit a signed Cover Page and Page Two. **If you submit your offer electronically, you must upload an image of a signed Cover Page and Page Two.** Your offer should include all other information and documents requested in this part and in parts II.B. Special Instructions; III. Scope of Work; V. Qualifications; VIII. Bidding Schedule/Price Proposal; and any appropriate attachments addressed in Part IX. Attachments to Solicitations. You should submit a summary of all insurance policies you have or plan to acquire to comply with the insurance requirements stated herein, if any, including policy types; coverage types; limits, sub-limits, and deductibles for each policy and coverage type; the carrier's A.M. Best rating; and whether the policy is written on an occurrence or claims-made basis.

1. Copy of service/support agreements with bid or within 2 days of request.

SUBMITTING REDACTED OFFERS (MAR 2015): If your offer includes any information that you marked as "Confidential," "Trade Secret," or "Protected" in accordance with the clause entitled "Submitting Confidential Information," you must also submit one complete copy of your offer from which you have removed or concealed such information (the redacted copy). The redacted copy should (i) reflect the same pagination as the original, (ii) show the empty space from which information was redacted, and (iii) be submitted on magnetic media. (See clause entitled "Electronic Copies - Required Media and Format.") Except for the information removed or concealed, the redacted copy must be identical to your original offer, and the Procurement Officer must be able to view, search, copy and print the redacted copy without a password.

V. Qualifications

QUALIFICATION OF OFFEROR (MAR 2015): (1) To be eligible for award, you must have the capability in all respects to perform fully the contract requirements and the integrity and reliability which will assure good faith performance. We may also consider a documented commitment from a satisfactory source that will provide you with a capability. We may consider information from any source at any time prior to award. We may elect to consider (i) key personnel, any predecessor business, and any key personnel of any predecessor business, including any facts arising prior to the date a business was established, and/or (ii) any subcontractor you identify. (2) You must promptly furnish satisfactory evidence of responsibility upon request. Unreasonable failure to supply requested information is grounds for rejection. (3) **Corporate subsidiaries are cautioned that the financial capability of an affiliated or parent company will not be considered in determining financial capability;** however, we may elect to consider any security, e.g., letter of credit, performance bond, parent-company corporate guaranty, that you offer to provide Instructions and forms to help assure acceptability are posted on procurement.sc.gov, link to "Standard Clauses & Provisions."

QUALIFICATIONS - SPECIAL STANDARDS OF RESPONSIBILITY (MAR 2015): (a) This section establishes special standards of responsibility. **UNLESS YOU POSSESS THE FOLLOWING MANDATORY MINIMUM QUALIFICATIONS, DO NOT SUBMIT AN OFFER:**

- **Must be either a manufacturer or a factory authorized dealer of the Non Destruction Inspection and Testing Equipment offered.** (See certification on bidding schedule).

(b) Provide a detailed, narrative statement with adequate information to establish that you meet all the requirements stated in subparagraph (a) above. Include all appropriate documentation. If you intend for us to consider the qualifications of your key personnel, predecessor business(es), or subcontractor(s), explain the relationship between you and such person or entity. [R. 19-445.2125(F)]

SUBCONTRACTOR – IDENTIFICATION (FEB 2015): If you intend to subcontract, at any tier level, with another business for any portion of the work and that portion either (1) exceeds 10% of your cost, (2) involves access to any “government information,” as defined in the clause entitled “Information Security - Definitions,” if included, or (3) otherwise involves services critical to your performance of the work (err on the side of inclusion), your offer must identify that business and the work which they are to perform. Identify potential subcontractors by providing the business name, address, phone, taxpayer identification number, and point of contact. In determining your responsibility, the state may contact and evaluate your proposed subcontractors.

VI. Award Criteria

AWARD BY LOT (JAN 2006): Award will be made by complete lot(s).

AWARD TO MULTIPLE OFFERORS (JAN 2006): Award may be made to more than one Offeror.

AWARD CRITERIA – BIDS (JAN 2006): Award will be made to the lowest responsible and responsive bidder(s).

UNIT PRICE GOVERNS (JAN 2006): In determining award, unit prices will govern over extended prices unless otherwise stated.

COMPETITION FROM PUBLIC ENTITIES (JAN 2006): If a South Carolina governmental entity submits an offer, the Procurement Officer will, when determining the lowest offer, add to the price provided in any offers submitted by nongovernmental entities a percentage equivalent to any applicable sales or use tax. S.C. Code Ann. Regs 117-304.1 (Supp. 2004).

VII. Terms and Conditions

A. General

ASSIGNMENT, NOVATION, AND CHANGE OF NAME, IDENTITY, OR STRUCTURE (FEB 2015): Contractor shall not assign this contract, or its rights, obligations, or any other interest arising from this contract, or delegate any of its performance obligations, without the express written consent of the responsible procurement officer. The foregoing restriction does not apply to a transfer that occurs by operation of law (e.g., bankruptcy; corporate reorganizations and consolidations, but not including partial asset sales). Notwithstanding the foregoing, contractor may assign monies receivable under the contract provided that the state shall have no obligation to make payment to an assignee until thirty days after contractor (not the assignee) has provided the responsible procurement officer with (i) proof of the assignment, (ii) the identity (by contract number) of the specific state contract to which the assignment applies, and (iii) the name of the assignee and the exact address or account information to which assigned payments should be made.

(b) If contractor amends, modifies, or otherwise changes its name, its identity (including its trade name), or its corporate, partnership or other structure, or its FEIN, contractor shall provide the procurement officer prompt written notice of such change. (c) Any name change, transfer, assignment, or novation is subject to the conditions and approval required by Regulation 19-445.2180, which does not restrict transfers by operation of law.

BANKRUPTCY - GENERAL (FEB 2015): (a) Notice. In the event the Contractor enters into proceedings relating to bankruptcy, whether voluntary or involuntary, the Contractor agrees to furnish written notification of the bankruptcy to the Using Governmental Unit. This notification shall be furnished within two (2) days of the initiation of the proceedings relating to the bankruptcy filing. This notification shall include the date on which the bankruptcy petition was filed, the identity of the court in which the bankruptcy petition was filed, and a listing of all State contracts against which final payment has not been made. This obligation remains in effect until final payment under this Contract. (b) Termination. This contract is voidable and subject to immediate termination by the State upon the contractor’s insolvency, including the filing of proceedings in bankruptcy.

CHOICE-OF-LAW (JAN 2006): The Agreement, any dispute, claim, or controversy relating to the Agreement, and all the rights and obligations of the parties shall, in all respects, be interpreted, construed, enforced and governed by and under the laws of the State of South Carolina, except its choice of law rules. As used in this paragraph, the term "Agreement" means any transaction or agreement arising out of, relating to, or contemplated by the solicitation.

CONTRACT DOCUMENTS & ORDER OF PRECEDENCE (FEB 2015): (a) Any contract resulting from this solicitation shall consist of the following documents: (1) a Record of Negotiations, if any, executed by you and the Procurement Officer, (2) the solicitation, as amended, (3) documentation of clarifications [11-35-1520(8)] or discussions [11-35-1530(6)] of an offer, if applicable, (4) your offer, (5) any statement reflecting the state's final acceptance (a/k/a "award"), and (6) purchase orders. These documents shall be read to be consistent and complimentary. Any conflict among these documents shall be resolved by giving priority to these documents in the order listed above.

(b) The terms and conditions of documents (1) through (5) above shall apply notwithstanding any additional or different terms and conditions in any other document, including without limitation, (i) a purchase order or other instrument submitted by the State, (ii) any invoice or other document submitted by Contractor, or (iii) any privacy policy, terms of use, or end user agreement. Except as otherwise allowed herein, the terms and conditions of all such documents shall be void and of no effect.

(c) No contract, license, or other agreement containing contractual terms and conditions will be signed by any Using Governmental Unit. Any document signed or otherwise agreed to by persons other than the Procurement Officer shall be void and of no effect.

DISCOUNT FOR PROMPT PAYMENT (JAN 2006): (a) Discounts for prompt payment will not be considered in the evaluation of offers. However, any offered discount will form a part of the award, and will be taken if payment is made within the discount period indicated in the offer by the offeror. As an alternative to offering a discount for prompt payment in conjunction with the offer, offerors awarded contracts may include discounts for prompt payment on individual invoices.

b) In connection with any discount offered for prompt payment, time shall be computed from the date of the invoice. If the Contractor has not placed a date on the invoice, the due date shall be calculated from the date the designated billing office receives a proper invoice, provided the state annotates such invoice with the date of receipt at the time of receipt. For the purpose of computing the discount earned, payment shall be considered to have been made on the date that appears on the payment check or, for an electronic funds transfer, the specified payment date. When the discount date falls on a Saturday, Sunday, or legal holiday when Federal Government offices are closed and Government business is not expected to be conducted, payment may be made on the following business day.

DISPUTES (JAN 2006): (1) Choice-of-Forum. All disputes, claims, or controversies relating to the Agreement shall be resolved exclusively by the appropriate Chief Procurement Officer in accordance with Title 11, Chapter 35, Article 17 of the South Carolina Code of Laws, or in the absence of jurisdiction, only in the Court of Common Pleas for, or a federal court located in, Richland County, State of South Carolina. Contractor agrees that any act by the Government regarding the Agreement is not a waiver of either the Government's sovereign immunity or the Government's immunity under the Eleventh Amendment of the United State's Constitution. As used in this paragraph, the term "Agreement" means any transaction or agreement arising out of, relating to, or contemplated by the solicitation.

(2) Service of Process. Contractor consents that any papers, notices, or process necessary or proper for the initiation or continuation of any disputes, claims, or controversies relating to the Agreement; for any court action in connection therewith; or for the entry of judgment on any award made, may be served on Contractor by certified mail (return receipt requested) addressed to Contractor at the address provided as the Notice Address on Page Two or by personal service or by any other manner that is permitted by law, in or outside South Carolina. Notice by certified mail is deemed duly given upon deposit in the United States mail.

EQUAL OPPORTUNITY (JAN 2006): Contractor is referred to and shall comply with all applicable provisions, if any, of Title 41, Part 60 of the Code of Federal Regulations, including but not limited to Sections 60-1.4, 60-4.2, 60-4.3, 60-250.5(a), and 60-741.5(a), which are hereby incorporated by reference.

FALSE CLAIMS (JAN 2006): According to the S.C. Code of Laws § 16-13-240, "a person who by false pretense or representation obtains the signature of a person to a written instrument or obtains from another person any chattel, money, valuable security, or other property, real or personal, with intent to cheat and defraud a person of that property is guilty" of a crime.

FIXED PRICING REQUIRED (JAN 2006): Any pricing provided by contractor shall include all costs for performing the work associated with that price. Except as otherwise provided in this solicitation, contractor's price shall be fixed for the duration of this contract, including option terms. This clause does not prohibit contractor from offering lower pricing after award.

NO INDEMNITY OR DEFENSE (FEB 2015): Any term or condition is void to the extent it requires the State to indemnify, defend, or pay attorney's fees to anyone for any reason.

NOTICE (JAN 2006): (A) After award, any notices shall be in writing and shall be deemed duly given (1) upon actual delivery, if delivery is by hand, (2) upon receipt by the transmitting party of automated confirmation or answer back from the recipient's device if delivery is by telex, telegram, facsimile, or electronic mail, or (3) upon deposit into the United States mail, if postage is prepaid, a return receipt is requested, and either registered or certified mail is used. (B) Notice to contractor shall be to the address identified as the Notice Address on Page Two. Notice to the state shall be to the Procurement Officer's address on the Cover Page. Either party may designate a different address for notice by giving notice in accordance with this paragraph.

OPEN TRADE (JUN 2015): During the contract term, including any renewals or extensions, Contractor will not engage in the boycott of a person or an entity based in or doing business with a jurisdiction with whom South Carolina can enjoy open trade, as defined in SC Code Section 11-35-5300.

PAYMENT & INTEREST (FEB 2015): (a) The State shall pay the Contractor, after the submission of proper invoices or vouchers, the prices stipulated in this contract for supplies delivered and accepted or services rendered and accepted, less any deductions provided in this contract. Unless otherwise specified herein, including the purchase order, payment shall not be made on partial deliveries accepted by the Government. (b) Unless otherwise provided herein, including the purchase order, payment will be made by check mailed to the payment address on "Page Two." (c) Notwithstanding any other provision, payment shall be made in accordance with S.C. Code Section 11-35-45, or Chapter 6 of Title 29 (real property improvements) when applicable, which provides the Contractor's exclusive means of recovering any type of interest from the Owner. Contractor waives imposition of an interest penalty unless the invoice submitted specifies that the late penalty is applicable. Except as set forth in this paragraph, the State shall not be liable for the payment of interest on any debt or claim arising out of or related to this contract for any reason. (d) Amounts due to the State shall bear interest at the rate of interest established by the South Carolina Comptroller General pursuant to Section 11-35-45 ("an amount not to exceed fifteen percent each year"), as amended, unless otherwise required by Section 29-6-30. (e) Any other basis for interest, including but not limited to general (pre- and post-judgment) or specific interest statutes, including S.C. Code Ann. Section 34-31-20, are expressly waived by both parties. If a court, despite this agreement and waiver, requires that interest be paid on any debt by either party other than as provided by items (c) and (d) above, the parties further agree that the applicable interest rate for any given calendar year shall be the lowest prime rate as listed in the first edition of the Wall Street Journal published for each year, applied as simple interest without compounding. (f) The State shall have all of its common law, equitable and statutory rights of set-off.

PUBLICITY (JAN 2006): Contractor shall not publish any comments or quotes by State employees, or include the State in either news releases or a published list of customers, without the prior written approval of the Procurement Officer.

PURCHASE ORDERS (JAN 2006): Contractor shall not perform any work prior to the receipt of a purchase order from the using governmental unit. The using governmental unit shall order any supplies or services to be furnished under this contract by issuing a purchase order. Purchase orders may be used to elect any options available under this contract, e.g., quantity, item, delivery date, payment method, but are subject to all terms and conditions of this contract. Purchase orders may be electronic. No particular form is required. An order placed pursuant to the purchasing card provision qualifies as a purchase order.

SURVIVAL OF OBLIGATIONS (JAN 2006): The Parties' rights and obligations which, by their nature, would continue beyond the termination, cancellation, rejection, or expiration of this contract shall survive such termination, cancellation, rejection, or expiration, including, but not limited to, the rights and obligations created by the following clauses: Indemnification - Third Party Claims, Intellectual Property Indemnification, and any provisions regarding warranty or audit.

TAXES (JAN 2006): Any tax the contractor may be required to collect or pay upon the sale, use or delivery of the products shall be paid by the State, and such sums shall be due and payable to the contractor upon acceptance. Any personal property taxes levied after delivery shall be paid by the State. It shall be solely the State's obligation, after payment to contractor, to challenge the applicability of any tax by negotiation with, or action against, the taxing authority. Contractor agrees to refund any tax collected, which is subsequently determined not to be proper and for which a refund has been paid to contractor by the taxing authority. In the event that the contractor fails to pay, or delays in paying, to any taxing authorities, sums paid by the State to contractor, contractor shall be liable to the State for any loss (such as the assessment of additional interest) caused by virtue of this failure or delay. Taxes based on Contractor's net income or assets shall be the sole responsibility of the contractor.

TERMINATION DUE TO UNAVAILABILITY OF FUNDS (JAN 2006): Payment and performance obligations for succeeding fiscal periods shall be subject to the availability and appropriation of funds therefor. When funds are not appropriated or otherwise made available to support continuation of performance in a subsequent fiscal period, the contract shall be canceled. In the event of a cancellation pursuant to this paragraph, contractor will be reimbursed the resulting unamortized, reasonably incurred, nonrecurring costs. Contractor will not be reimbursed any costs amortized beyond the initial contract term.

THIRD PARTY BENEFICIARY (JAN 2006): This Contract is made solely and specifically among and for the benefit of the parties hereto, and their respective successors and assigns, and no other person will have any rights, interest, or claims hereunder or be entitled to any benefits under or on account of this Contract as a third party beneficiary or otherwise.

WAIVER (JAN 2006): The State does not waive any prior or subsequent breach of the terms of the Contract by making payments on the Contract, by failing to terminate the Contract for lack of performance, or by failing to strictly or promptly insist upon any term of the Contract. Only the Procurement Officer has actual authority to waive any of the State's rights under this Contract. Any waiver must be in writing.

VII. Terms and Conditions

B. Special

CHEMICALS AND OTHER HAZARDOUS MATERIALS: Chemicals and other hazardous materials will be properly labeled and Material Safety Data Sheets (MSDS) will be provided when shipping such materials to the College. Vendors are required to send updated MSDS sheets when properties of materials are changed and/or physical and health instructions become different.

CISG (JAN 2006): The parties expressly agree that the UN Convention on the International Sale of Goods shall not apply to this agreement.

CLEAN UP: The Contractor shall keep the work areas clean and free from any accumulation of trash or debris during the performance of service. At the completion of the work the entire facility and premises shall be left clean. The contractor shall remove from the premises all accumulations of trash and other materials which it generated.

COMPLIANCE WITH LAWS (JAN 2006): During the term of the contract, contractor shall comply with all applicable provisions of laws, codes, ordinances, rules, regulations, and tariffs.

CONTRACT ADMINISTRATION: Questions or problems arising after award of this contract shall be directed to Trident Technical College, Director of Procurement, PO box 118067, Charleston, SC 29423.

CONTRACT AMENDMENTS, MODIFICATIONS & CHANGE ORDERS: Any change orders, alterations, amendments or other modifications hereunder shall not be effective unless reduced to writing and approved by the buyer responsible for this solicitation and the contractor. All questions, problems or changes arising after award of this contract shall be directed to the buyer responsible for this solicitation, at the phone number and address shown on the cover page.

CONTRACTOR PERSONNEL (JAN 2006): The Contractor shall enforce strict discipline and good order among the Contractor's employees and other persons carrying out the Contract. The Contractor shall not permit employment of unfit persons or persons not skilled in tasks assigned to them.

CONTRACTOR'S LIABILITY INSURANCE - GENERAL (FEB 2015)

(a) Without limiting any of the obligations or liabilities of Contractor, Contractor shall procure from a company or companies lawfully authorized to do business in South Carolina and with a current A.M. Best rating of no less than A: VII, and maintain for the duration of the contract, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work and the results of that work by the contractor, his agents, representatives, employees or subcontractors.

(b) Coverage shall be at least as broad as:

(1) Commercial General Liability (CGL): Insurance Services Office (ISO) Form CG 00 01 12 07 covering CGL on an "occurrence" basis, including products-completed operations, personal and advertising injury, with limits no less than \$1,000,000 per occurrence. If a general aggregate limit applies, the general aggregate limit shall be twice the required occurrence limit. This contract shall be considered to be an "insured contract" as defined in the policy.

(2) Auto Liability: ISO Form Number CA 00 01 covering any auto (Code 1), or if Contractor has no owned autos, hired, (Code 8) and non-owned autos (Code 9), with limits no less than \$1,000,000 per accident for bodily injury and property damage.

(3) Worker's Compensation: As required by the State of South Carolina, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease.

(c) Every applicable Using Governmental Unit, and the officers, officials, employees and volunteers of any of them, must be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the Contractor's insurance at least as broad as ISO Form CG 20 10 11 85 or if not available, through the addition of both CG 20 10 and CG 20 37 if a later edition is used.

(d) For any claims related to this contract, the Contractor's insurance coverage shall be primary insurance as respects the State, every applicable Using Governmental Unit, and the officers, officials, employees and volunteers of any of them. Any insurance or self-insurance maintained by the State, every applicable Using Governmental Unit, or the officers, officials, employees and volunteers of any of them, shall be excess of the Contractor's insurance and shall not contribute with it.

(e) Prior to commencement of the work, the Contractor shall furnish the State with original certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this section. All certificates are to be received and approved by the State before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the Contractor's obligation to provide them. The State reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by this section, at any time.

(f) Should any of the above described policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions. In addition, the Contractor shall notify the State immediately upon receiving any information that any of the coverages required by this section are or will be changed, cancelled, or replaced.

(g) Contractor hereby grants to the State and every applicable Using Governmental Unit a waiver of any right to subrogation which any insurer of said Contractor may acquire against the State or applicable Using Governmental Unit by virtue of the payment of any loss under such insurance. Contractor agrees to obtain any endorsement that may be necessary to effect this waiver of subrogation, but this provision applies regardless of whether or not the State or Using Governmental Unit has received a waiver of subrogation endorsement from the insurer.

(h) Any deductibles or self-insured retentions must be declared to and approved by the State. The State may require the Contractor to purchase coverage with a lower deductible or retention or provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention.

(i) The State reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other special circumstances.

CONTRACTOR'S OBLIGATION – GENERAL (JAN 2006): The contractor shall provide and pay for all materials, tools, equipment, labor and professional and non-professional services, and shall perform all other acts and supply all other things necessary, to fully and properly perform and complete the work. The contractor must act as the prime contractor and assume full responsibility for any subcontractor's performance. The contractor will be considered the sole point of contact with regard to all situations, including payment of all charges and the meeting of all other requirements.

DEFAULT (JAN 2006):

(a)(1) The State may, subject to paragraphs (c) and (d) of this clause, by written notice of default to the Contractor, terminate this contract in whole or in part if the Contractor fails to-

(i) Deliver the supplies or to perform the services within the time specified in this contract or any extension;
(ii) Make progress, so as to endanger performance of this contract (but see paragraph (a)(2) of this clause); or
(iii) Perform any of the other material provisions of this contract (but see paragraph (a)(2) of this clause).

(2) The State's right to terminate this contract under subdivisions (a)(1)(ii) and (1)(iii) of this clause, may be exercised if the Contractor does not cure such failure within 10 days (or more if authorized in writing by the Procurement Officer) after receipt of the notice from the Procurement Officer specifying the failure.

(b) If the State terminates this contract in whole or in part, it may acquire, under the terms and in the manner the Procurement Officer considers appropriate, supplies or services similar to those terminated, and the Contractor will be liable to the State for any excess costs for those supplies or services. However, the Contractor shall continue the work not terminated.

(c) Except for defaults of subcontractors at any tier, the Contractor shall not be liable for any excess costs if the failure to perform the contract arises from causes beyond the control and without the fault or negligence of the Contractor. Examples of such causes include (1) acts of God or of the public enemy, (2) acts of the State in either its sovereign or contractual capacity, (3) fires, (4) floods, (5) epidemics, (6) quarantine restrictions, (7) strikes, (8) freight embargoes, and (9) unusually severe weather. In each instance the failure to perform must be beyond the control and without the fault or negligence of the Contractor.

(d) If the failure to perform is caused by the default of a subcontractor at any tier, and if the cause of the default is beyond the control of both the Contractor and subcontractor, and without the fault or negligence of either, the Contractor shall not be liable for any excess costs for failure to perform, unless the subcontracted supplies or services were obtainable from other sources in sufficient time for the Contractor to meet the required delivery schedule.

(e) If this contract is terminated for default, the State may require the Contractor to transfer title and deliver to the State, as directed by the Procurement Officer, any (1) completed supplies, and (2) partially completed supplies and materials, parts, tools, dies, jigs, fixtures, plans, drawings, information, and contract rights (collectively referred to as "manufacturing materials" in this clause) that the Contractor has specifically produced or acquired for the terminated portion of this contract. Upon direction of the Procurement Officer, the Contractor shall also protect and preserve property in its possession in which the State has an interest.

(f) The State shall pay contract price for completed supplies delivered and accepted. The Contractor and Procurement Officer shall agree on the amount of payment for manufacturing materials delivered and accepted and for the protection and preservation of the property; if the parties fail to agree, the Procurement Officer shall set an amount subject to the Contractor's rights under the Disputes clause. Failure to agree will be a dispute under the Disputes clause. The State may withhold from these amounts any sum the Procurement Officer determines to be necessary to protect the State against loss because of outstanding liens or claims of former lien holders.

(g) If, after termination, it is determined that the Contractor was not in default, or that the default was excusable, the rights and obligations of the parties shall, if the contract contains a clause providing for termination for convenience of the State, be the same as if the termination had been issued for the convenience of the State. If, in the foregoing circumstances, this contract does not contain a clause providing for termination for convenience of the State, the contract shall be adjusted to compensate for such termination and the contract modified accordingly subject to the contractor's rights under the Disputes clause.

(h) The rights and remedies of the State in this clause are in addition to any other rights and remedies provided by law or under this contract.

DELIVERIES SHALL BE FOB DESTINATION, FREIGHT PREPAID. It is agreed by the parties hereto that delivery by the contractor to the common carrier does not constitute delivery to the College. Any claim for loss or damage shall be between the contractor and the carrier.

DISPOSAL OF PACKAGING (JAN 2006): Contractor shall dispose of all wrappings, crating, and other disposable materials pertaining to this contract at the end of each working day and upon completion of installation.

(d) If the failure to perform is caused by the default of a subcontractor at any tier, and if the cause of the default is beyond the control of both the Contractor and subcontractor, and without the fault or negligence of either, the Contractor shall not be liable for any excess costs for failure to perform, unless the subcontracted supplies or services were obtainable from other sources in sufficient time for the Contractor to meet the required delivery schedule.

INDEMNIFICATION -- THIRD PARTY CLAIMS (NOV 2011) Notwithstanding any limitation in this agreement, and to the fullest extent permitted by law, Contractor shall defend and hold harmless Indemnitees for and against any and all suits or claims of any character (and all related damages, settlement payments, attorneys' fees, costs, expenses, losses or liabilities) by a third party which are attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property arising out of or in connection with the goods or services acquired hereunder or caused in whole or in part by any act or omission of contractor, its subcontractors, their employees, workmen, servants, agents, or anyone directly or indirectly employed by them or anyone for whose acts any of them may be liable, regardless of whether or not caused in part by an Indemnitee, and whether or not such claims are made by a third party or an Indemnitee; however, if an Indemnitee's negligent act or omission is subsequently determined to be the sole proximate cause of a suit or claim, the Indemnitee shall not be entitled to indemnification hereunder. Contractor shall be given timely written notice of any suit or claim. Contractor's obligations hereunder are in no way limited by any protection afforded under workers' compensation acts, disability benefits acts, or other employee benefit acts. This clause shall not negate, abridge, or reduce any other rights or obligations of indemnity which would otherwise exist. The obligations of this paragraph shall survive termination, cancelation, or expiration of the parties' agreement. This provision shall be construed fairly and reasonably, neither strongly for nor against either party, and without regard to any clause regarding insurance. As used in this clause, "Indemnitees" means the State of South Carolina, its instrumentalities, agencies, departments, boards, political subdivisions and all their respective officers, agents and employees.

LICENSES AND PERMITS (JAN 2006): During the term of the contract, the Contractor shall be responsible for obtaining, and maintaining in good standing, all licenses (including professional licenses, if any), permits, inspections and related fees for each or any such licenses, permits and /or inspections required by the State, county, city or other government entity or unit to accomplish the work specified in this solicitation and the contract.

MATERIAL AND WORKMANSHIP (JAN 2006): Unless otherwise specifically provided in this contract, all equipment, material, and articles incorporated in the work covered by this contract are to be new and of the most suitable grade for the purpose intended.

PROTECTION OF ADJACENT WORK: The Contractor shall protect work and adjacent work at all times with suitable covering or by other approved methods. All damage to work in place caused by the Contractor shall be repaired and restored to original good and acceptable condition using same quality and kinds of materials, as required, to match and finish with adjacent work. This shall apply to damage done to the buildings and other interior or exterior structures as well as any landscaping resulting directly from the execution of this contract.

PROTECTION OF HUMAN HEALTH & THE ENVIRONMENT: The State of South Carolina requires all contractual activities to be in compliance with local, state, and federal mandates concerning "protection of human health and the environment". Any contractor doing business with the state will be required to document compliance and to specify prudent practices used by the contractor to address applicable mandates including, but not restricted to "the hazard communication standard" OSHA CFR 1910.1200 (SCRR article 1,71-1910.1200). By submission of this bid, the vendor agrees to take all necessary steps to ensure compliance with these requirements.

PURCHASES FROM OTHER SOURCES: The college's procurement department reserves the right to bid separately any unusual requirements or large quantities of the items specified in this proposed contract (the above does not apply to solicitations for service requirements).

RELATIONSHIP OF THE PARTIES (JAN 2006): Neither party is an employee, agent, partner, or joint venturer of the other. Neither party has the right or ability to bind the other to any agreement with a third party or to incur any obligation or liability on behalf of the other party.

SAVE HARMLESS: The successful offeror shall indemnify and save harmless the State of South Carolina and all state officers, agents, and employees, from all suits or claims of any character brought by reason of infringing on any patent, trade mark or copyright. Offeror shall have no liability to the state if such patent; trade mark or copyright infringement or claim is based upon the offeror's use of material furnished to the offeror by the state.

SHIPPING / RISK OF LOSS (JAN 2006): F.O.B. Destination. Destination is the shipping dock of the Using Governmental Units' designated receiving site, or other location, as specified herein. (See Delivery clause)

SUBSTITUTIONS PROHIBITED - END PRODUCT PREFERENCES (SEP 2009): If you receive the award as a result of the South Carolina end product or United States end product preference, you may not substitute a nonqualifying end product for a qualified end product. If you violate this provision, the State may terminate your contract for cause and you may be debarred. In addition, you shall pay to the State an amount equal to twice the difference between the price paid by the State and your evaluated price for the item for which you delivered a substitute. [11-35-1534(B)(4)]

TERMINATION FOR CONVENIENCE (JAN 2006):

(1) Termination. The Procurement Officer may terminate this contract in whole or in part, for the convenience of the State. The Procurement Officer shall give written notice of the termination to the contractor specifying the part of the contract terminated and when termination becomes effective.

(2) Contractor's Obligations. The contractor shall incur no further obligations in connection with the terminated work and on the date set in the notice of termination the contractor will stop work to the extent specified. The contractor shall also terminate outstanding orders and subcontracts as they relate to the terminated work. The contractor shall settle the liabilities and claims arising out of the termination of subcontracts and orders connected with the terminated work. The Procurement Officer may direct the contractor to assign the contractor's right, title, and interest under terminated orders or subcontracts to the State. The contractor must still complete the work not terminated by the notice of termination and may incur obligations as are necessary to do so.

(3) Right to Supplies. The Procurement Officer may require the contractor to transfer title and deliver to the State in the manner and to the extent directed by the Procurement Officer: (a) any completed supplies; and (b) such partially completed supplies and materials, parts, tools, dies, jigs, fixtures, plans, drawings, information, and contract rights (hereinafter called "manufacturing material") as the contractor has specifically produced or specially acquired for the performance of the terminated part of this contract. The contractor shall, upon direction of the Procurement Officer, protect and preserve property in the possession of the contractor in which the State has an interest. If the Procurement Officer does not exercise this right, the contractor shall use best efforts to sell such supplies and manufacturing materials in accordance with the standards of Uniform Commercial Code Section 2-706. Utilization of this Section in no way implies that the State has breached the contract by exercise of the Termination for Convenience Clause.

(4) Compensation. (a) The contractor shall submit a termination claim specifying the amounts due because of the termination for convenience together with cost or pricing data required by Section 11-35-1830 bearing on such claim. If the contractor fails to file a termination claim within one year from the effective date of termination, the Procurement Officer may pay the contractor, if at all, an amount set in accordance with Subparagraph (c) of this Paragraph.

(b) The Procurement Officer and the contractor may agree to a settlement and that the settlement does not exceed the total contract price plus settlement costs reduced by payments previously made by the State, the proceeds of any sales of supplies and manufacturing materials under Paragraph (3) of this clause, and the contract price of the work not terminated;

(c) Absent complete agreement under Subparagraph (b) of this Paragraph, the Procurement Officer shall pay the contractor the following amounts, provided payments agreed to under Subparagraph (b) shall not duplicate payments under this Subparagraph:

(i) contract prices for supplies or services accepted under the contract;

(ii) costs reasonably incurred in performing the terminated portion of the work less amounts paid or to be paid for accepted supplies or services;

(iii) reasonable costs of settling and paying claims arising out of the termination of subcontracts or orders pursuant to Paragraph (2) of this clause. These costs must not include costs paid in accordance with Subparagraph (c)(ii) of this paragraph;

(iv) any other reasonable costs that have resulted from the termination. The total sum to be paid the contractor under this Subparagraph shall not exceed the total contract price plus the reasonable settlement costs of the contractor reduced by the amount of payments otherwise made, the proceeds of any sales of supplies and manufacturing materials under Subparagraph (b) of this Paragraph, and the contract price of work not terminated.

(d) Contractor must demonstrate any costs claimed, agreed to, or established under Subparagraphs (b) and (c) of this Paragraph using its standard record keeping system, provided such system is consistent with any applicable Generally Accepted Accounting Principles.

(5) Contractor's failure to include an appropriate termination for convenience clause in any subcontract shall not (i) affect the state's right to require the termination of a subcontract, or (ii) increase the obligation of the state beyond what it would have been if the subcontract had contained an appropriate clause.

VIII. Bidding Schedule

IFB #: **190401-545-12606-04/17/19**

Bidding Schedule

Unit price shall be shown.

Provide Date of Delivery After Receipt of Order (ARO) in space provided on Quotation Schedule.

Complete the Manufacturer/Authorized Dealer certification at bottom of Quotation Schedule.

Deliveries shall be FOB destination, freight prepaid.

Lot 1

Part #	Qty	UOM	Description	Unit Price	Grand Total
1	1	EA	Non-Destructive Testing (NDT) System with Active Thermography Reference: MoviTHERM MT-CCHECKIR-001 Mfg: _____ Model #: _____ SC End Product Preference: _____ U.S. End Product Preference: _____ Resident Vender Preference: _____ Delivery ARO: _____	\$ _____	\$ _____
2	1	YR	Software Renewal, If Any – Year 2	\$	\$
3	1	YR	Software Renewal, If Any – Year 3	\$	\$
4	1	YR	Software Renewal, If Any – Year 4	\$	\$
5	1	YR	Software Renewal, If Any – Year 5	\$	\$
6	1	YR	Annual Maintenance / Support	\$	\$
Lot 1 Grand Total					\$

For Informational Purposes Only And Not Included In The Evaluation Process:

QTY	UOM	Description	Unit Price/ Hourly Rate	Extended Total
1	YR	Extended Warranty	\$	\$
1	YR	Annual Equipment Calibration, Recertification or Upgrade Costs	\$	\$
5	Hours	Labor rate – normal business hours of 8:00 AM to 5:00 PM Monday – Friday less holidays and scheduled closings	\$	\$
2	Hours	Labor rate – other than normal business hours (may include evenings or week-ends)	\$	\$
2	Each	TRAVEL TIME/TRUCK CHARGE (To include travel time, and first half hour on-site of service to repair call visit.)	\$	\$

Lot 2

Part #	Qty	UOM	Description	Unit Price	Grand Total
1	1	EA	X-Ray System – Cabinet, X-Ray Tube, Portable Digital Radiographic Detector, and Accessories Mfg: _____ Model #: _____ SC End Product Preference: _____ U.S. End Product Preference: _____ Resident Vender Preference: _____ Delivery ARO: _____	\$ _____	\$ _____
2	1	YR	Annual Maintenance / Support	\$ _____	\$ _____
Lot 2 Grand Total					\$ _____

For Informational Purposes Only And Not Included In The Evaluation Process:

QTY	UOM	Description	Unit Price/ Hourly Rate	Extended Total
1	YR	Extended Warranty	\$ _____	\$ _____
1	YR	Annual Equipment Calibration, Recertification or Upgrade Costs	\$ _____	\$ _____
5	Hours	Labor rate – normal business hours of 8:00 AM to 5:00 PM Monday – Friday less holidays and scheduled closings	\$ _____	\$ _____
2	Hours	Labor rate – other than normal business hours (may include evenings or week-ends)	\$ _____	\$ _____
2	Each	TRAVEL TIME/TRUCK CHARGE (To include travel time, and first half hour on-site of service to repair call visit.)	\$ _____	\$ _____

Lot 3

Part #	Qty	UOM	Description	Unit Price	Grand Total
1	1	EA	Customized Dye Penetrant Bench With Filtration System & Water Drainage System Reference: Magnaflux ZA-1227 Method A Item # 621792 Mfg: _____ Model #: _____ SC End Product Preference: _____ U.S. End Product Preference: _____ Resident Vender Preference: _____ Delivery ARO: _____	\$ _____	\$ _____
2	1	YR	Annual Maintenance / Support	\$ _____	\$ _____
Lot 3 Grand Total					\$ _____

For Informational Purposes Only And Not Included In The Evaluation Process:

QTY	UOM	Description	Unit Price/ Hourly Rate	Extended Total
1	YR	Extended Warranty	\$ _____	\$ _____
1	YR	Annual Equipment Calibration, Recertification or Upgrade Costs	\$ _____	\$ _____
5	Hours	Labor rate – normal business hours of 8:00 AM to 5:00 PM Monday – Friday less holidays and scheduled closings	\$ _____	\$ _____
2	Hours	Labor rate – other than normal business hours (may include evenings or week-ends)	\$ _____	\$ _____
2	Each	TRAVEL TIME/TRUCK CHARGE (To include travel time, and first half hour on-site of service to repair call visit.)	\$ _____	\$ _____

Lot 4

Part #	Qty	UOM	Description	Unit Price	Grand Total
1	1	EA	Dye Penetrant Testing Consumables – Level III Mfg: _____ Model #: _____ SC End Product Preference: _____ U.S. End Product Preference: _____ Resident Vender Preference: _____ Delivery ARO: _____	\$ _____	\$ _____

2	1 EA	Miscellaneous Penetrant Equipment Mfg: _____ Model #: _____ SC End Product Preference: _____ U.S. End Product Preference: _____ Resident Vender Preference: _____ Delivery ARO: _____	\$ _____	\$ _____
3	2 EA	Ultraviolet and White Light Meter Reference: Spectoline XRP-3000 Mfg: _____ Model #: _____ SC End Product Preference: _____ U.S. End Product Preference: _____ Resident Vender Preference: _____ Delivery ARO: _____	\$ _____	\$ _____
4	4 EA	General Purpose Dye Penetrant Kits Reference: Magnaflux SK-816 # 01-5920-48 Mfg: _____ Model #: _____ SC End Product Preference: _____ U.S. End Product Preference: _____ Resident Vender Preference: _____ Delivery ARO: _____	\$ _____	\$ _____
5	1 EA	Bench Mounted UV A Inspection Light with Hood Mount Reference: Magnaflux ST700 # 628243 Mfg: _____ Model #: _____ SC End Product Preference: _____ U.S. End Product Preference: _____ Resident Vender Preference: _____ Delivery ARO: _____	\$ _____	\$ _____

6	4 EA	Handheld LED UV-A Inspection Light Reference: C4 Nomad-Go # UV-3400 Mfg: _____ Model #: _____ SC End Product Preference: _____ U.S. End Product Preference: _____ Resident Vender Preference: _____ Delivery ARO: _____	\$ _____	\$ _____
7	1 EA	Magnetic Wet Bench with AC and DC Magnetization, Oil Bath Startup Kit and 20 Inch Coil Reference: Magnaflux AD-2045 with option 621452 Mfg: _____ Model #: _____ SC End Product Preference: _____ U.S. End Product Preference: _____ Resident Vender Preference: _____ Delivery ARO: _____	\$ _____	\$ _____
8	1 EA	Magnetic Particle Inspection Accessories and Consumables Mfg: _____ Model #: _____ SC End Product Preference: _____ U.S. End Product Preference: _____ Resident Vender Preference: _____ Delivery ARO: _____	\$ _____	\$ _____
9	4 EA	Handheld Magnetic Particle Inspection Yoke Test Kit Reference: Magnaflux Y-7 MV Kit # 43509 Mfg: _____ Model #: _____ SC End Product Preference: _____ U.S. End Product Preference: _____ Resident Vender Preference: _____ Delivery ARO: _____	\$ _____	\$ _____

10	4 EA	Portable Eddy Current Testers Reference: UniWest EddyViewProBasic # 100002B Mfg: _____ Model #: _____ SC End Product Preference: _____ U.S. End Product Preference: _____ Resident Vender Preference: _____ Delivery ARO: _____	\$ _____	\$ _____
11	4 EA	Eddy Current Startup Kits Reference: Part # 100871 Mfg: _____ Model #: _____ SC End Product Preference: _____ U.S. End Product Preference: _____ Resident Vender Preference: _____ Delivery ARO: _____	\$ _____	\$ _____
12	4 EA	UT / PA Ultrasonic Testers Reference: Prisma UT Plus PA 16/16 # UT/PAL Mfg: _____ Model #: _____ SC End Product Preference: _____ U.S. End Product Preference: _____ Resident Vender Preference: _____ Delivery ARO: _____	\$ _____	\$ _____
13	4 EA	Conventional and Phased Array / PA Ultrasonic Tester Transducers & Wedges Mfg: _____ Model #: _____ SC End Product Preference: _____ U.S. End Product Preference: _____ Resident Vender Preference: _____ Delivery ARO: _____	\$ _____	\$ _____
Lot 4 Grand Total				\$ _____

Please Check appropriate line:

I certify that I: _____ **AM** a manufacturer or an authorized manufacturer's dealer for the items listed.

_____ **AM NOT** a manufacturer or an authorized manufacturer's dealer for the items listed.

Signature

Printed Name

SC Certified Minority Vendor:

Y N S.C. Cert #:

IX. Attachments to Solicitation

- 1. Nonresident Taxpayer Registration Affidavit Income Tax Withholding**
- 2. Bidder's Checklist**
- 3. Open Trade Representation**

**NONRESIDENT TAXPAYER REGISTRATION AFFIDAVIT INCOME TAX
WITHHOLDING**

IMPORTANT TAX NOTICE - NONRESIDENTS ONLY

Withholding Requirements for Payments to Nonresidents: Section 12-8-550 of the South Carolina Code of Laws requires persons hiring or contracting with a nonresident conducting a business or performing personal services of a temporary nature within South Carolina to withhold 2% of each payment made to the nonresident. The withholding requirement does not apply to (1) payments on purchase orders for tangible personal property when the payments are not accompanied by services to be performed in South Carolina, (2) nonresidents who are not conducting business in South Carolina, (3) nonresidents for contracts that do not exceed \$10,000 in a calendar year, or (4) payments to a nonresident who (a) registers with either the S.C. Department of Revenue or the S.C. Secretary of State and (b) submits a Nonresident Taxpayer Registration Affidavit - Income Tax Withholding, Form I-312 to the person letting the contract.

The withholding requirement applies to every governmental entity that uses a contract ("Using Entity"). Nonresidents should submit a separate copy of the Nonresident Taxpayer Registration Affidavit - Income Tax Withholding, Form I-312 to every Using Entity that makes payment to the nonresident pursuant to this solicitation. Once submitted, an affidavit is valid for all contracts between the nonresident and the Using Entity, unless the Using Entity receives notice from the Department of Revenue that the exemption from withholding has been revoked.

Section 12-8-540 requires persons making payment to a nonresident taxpayer of rentals or royalties at a rate of \$1,200.00 or more a year for the use of or for the privilege of using property in South Carolina to withhold 7% of the total of each payment made to a nonresident taxpayer who is not a corporation and 5% if the payment is made to a corporation. Contact the Department of Revenue for any applicable exceptions.

For information about other withholding requirements (e.g., employee withholding), contact the Withholding Section at the South Carolina Department of Revenue at 803-898-5383 or visit the Department's website at: **www.sctax.org**

This notice is for informational purposes only. This agency does not administer and has no authority over tax issues. All registration questions should be directed to the License and Registration Section at 803-898-5872 or to the South Carolina Department of Revenue, Registration Unit, Columbia, S.C. 29214-0140. All withholding questions should be directed to the Withholding Section at 803-896-1420.

PLEASE SEE THE "NONRESIDENT TAXPAYER REGISTRATION AFFIDAVIT INCOME TAX WITHHOLDING" FORM (FORM NUMBER I-312) LOCATED AT:
<https://dor.sc.gov/forms-site/Forms/I312.pdf>

BIDDER'S CHECKLIST
AVOID COMMON BIDDING MISTAKES

Review this checklist prior to submitting your bid.
If you fail to follow this checklist, you risk having your bid rejected.

DO NOT INCLUDE ANY OF YOUR STANDARD CONTRACT FORMS!

UNLESS EXPRESSLY REQUIRED, DO NOT INCLUDE ANY ADDITIONAL BOILERPLATE CONTRACT CLAUSES.

REREAD YOUR ENTIRE BID TO MAKE SURE YOUR BID DOES NOT TAKE EXCEPTION TO ANY OF THE STATE'S MANDATORY REQUIREMENTS.

MAKE SURE YOU HAVE PROPERLY MARKED ALL PROTECTED, CONFIDENTIAL, OR TRADE SECRET INFORMATION IN ACCORDANCE WITH THE HEADING ENTITLED: FOIA BIDDING INSTRUCTIONS, SUBMITTING CONFIDENTIAL INFORMATION. ***DO NOT MARK YOUR ENTIRE BID AS CONFIDENTIAL, TRADE SECRET, OR PROTECTED! DO NOT INCLUDE A LEGEND ON THE COVER STATING THAT YOUR ENTIRE RESPONSE IS NOT TO BE RELEASED!***

HAVE YOU PROPERLY ACKNOWLEDGED ALL AMENDMENTS? INSTRUCTIONS REGARDING HOW TO ACKNOWLEDGE AN AMENDMENT SHOULD APPEAR IN ALL AMENDMENTS ISSUED.

MAKE SURE YOUR BID INCLUDES A COPY OF THE SOLICITATION COVER PAGE. MAKE SURE THE COVER PAGE IS SIGNED BY A PERSON THAT IS AUTHORIZED TO CONTRACTUALLY BIND YOUR BUSINESS.

MAKE SURE YOUR BID INCLUDES THE NUMBER OF COPIES REQUESTED.

CHECK TO ENSURE YOUR BID INCLUDES EVERYTHING REQUESTED!

CHECK AGAIN TO ENSURE YOUR BID INCLUDES EVERYTHING REQUESTED!

IF YOU HAVE CONCERNS ABOUT THE SOLICITATION, DO NOT RAISE THOSE CONCERNS IN YOUR RESPONSE! **AFTER OPENING, IT IS TOO LATE! IF THIS SOLICITATION INCLUDES A PRE-BID CONFERENCE OR A QUESTION & ANSWER PERIOD, RAISE YOUR QUESTIONS AS A PART OF THAT PROCESS!** PLEASE SEE BIDDING INSTRUCTIONS AND ANY PROVISIONS REGARDING PRE-BID CONFERENCES.

This checklist is included only as a reminder to help bidders avoid common mistakes.
Responsiveness will be evaluated against the solicitation, ***not*** against this checklist.
You do not need to return this checklist with your response.

OPEN TRADE REPRESENTATION

(S.C. Code Ann. §§ 11-35-5300)

The following representation, which is required by Section 11-35-5300(A), is a material inducement for the State to award a contract to you.

I, the official named below, certify I am duly authorized to execute this certification on behalf of the vendor identified below, and, as of the date of my signature, the vendor identified below is not currently engaged in the boycott of a person or an entity based in or doing business with a jurisdiction with whom South Carolina can enjoy open trade, as defined in SC Code Section 11-35-5300.

<i>Vendor Name (Printed)</i>	<i>State Vendor No.</i>
<i>By (Authorized Signature)</i>	<i>Date Executed</i>
<i>Printed Name and Title of Person Signing</i>	<i>[Not used]</i>