



**Invitation for Bid
Amendment #3**

Solicitation Number 190329-545-12506-04/15/19
 Date Printed 04/17/19
 Date Issued 04/17/19
 Procurement Officer Wendy Dennis
 Phone (843) 574-6065
 E-mail Address wendy.dennis@tridenttech.edu

DESCRIPTION: Comparative Gaging Systems and CMM Electronic Equipment for Metrology Program

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

SUBMIT OFFER BY (Opening Date/Time): **05/06/19 @ 2:00 PM EST** See "Deadline For Submission Of Offer" provision

QUESTIONS MUST BE RECEIVED BY: **Deadline Has Passed** 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 05/07/19 . 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)

<p>HOME OFFICE ADDRESS (Address for offeror's home office / principal place of business)</p>	<p>NOTICE ADDRESS (Address to which all procurement and contract related notices should be sent.) (See "Notice" clause)</p> <p>_____</p> <p>Address</p> <p>_____</p> <p>Area Code – Number – Extension Facsimile</p> <p>_____</p> <p>E-mail Address</p>
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<p>PAYMENT ADDRESS (Address to which payments will be sent.) (See "Payment" clause)</p> <p>_____ Payment Address same as Notice Address (check only one)</p> <p>_____ Payment Address same as Home Office Address</p>	<p>ORDER ADDRESS (Address to which purchase orders will be sent) (See "Purchase Orders and "Contract Documents" clauses)</p> <p>_____ Order Address same as Home Office Address</p> <p>_____ Order Address same as Notice Address (check only one)</p>
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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

<p>DISCOUNT FOR PROMPT PAYMENT (See "Discount for Prompt Payment" clause)</p>	<p>10 Calendar Days (%)</p>	<p>20 Calendar Days (%)</p>	<p>30 Calendar Days (%)</p>	<p>_____ Calendar Days (%)</p>
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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)**

Bidders shall acknowledge receipt of this Amendment prior to date and time specified in the solicitation, or as amended, by one of the following methods: (1) by signing and returning the Amendment, (2) by letter, or (3) by submitting a bid that indicates in some way that the bidder received the amendment. Failure of your acknowledgement to be received at the issuing office prior to date and time specified may result in rejection of your offer. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. **The college will not accept faxed amendments.**

THE SOLICITATION IS AMENDED AS PROVIDED HEREIN. INFORMATION OR CHANGES RESULTING FROM QUESTIONS WILL BE SHOWN IN A QUESTION-AND-ANSWER FORMAT. ALL QUESTIONS RECEIVED HAVE BEEN REPRINTED BELOW. THE "STATE'S RESPONSE" SHOULD BE READ WITHOUT REFERENCE TO THE QUESTIONS. THE QUESTIONS ARE INCLUDED SOLELY TO PROVIDE A CROSS-REFERENCE TO THE POTENTIAL OFFEROR THAT SUBMITTED THE QUESTION. QUESTIONS DO NOT FORM A PART OF THE CONTRACT; THE "STATE'S RESPONSE" DOES. ANY RESTATEMENT OF PART OR ALL OF AN EXISTING PROVISION OF THE SOLICITATION IN AN ANSWER DOES NOT MODIFY THE ORIGINAL PROVISION EXCEPT AS FOLLOWS: UNDERLINED TEXT IS ADDED TO THE ORIGINAL PROVISION. STRICKEN TEXT IS DELETED.

Except as provided herein all terms and conditions of the document referenced as heretofore changed remain unchanged and in full force and effect.

Solicitation #: **190329-545-12506-04/15/19**

Title: **Comparative Gaging Systems and CMM Electronic Equipment for Metrology Program**

Is hereby amended as follows:

Changes not related to questions:

~~SUBMIT OFFER BY (Opening Date/Time): 05/01/19 @ 2:00 PM EDT~~

SUBMIT OFFER BY (Opening Date/Time): 05/06/19 @ 2:00 PM EDT

Answers related to questions:

Q-1: We do not sell the Renishaw equator, but we do have a competitive product. Can we bid that?

A-1: State's Response: No Change. See page 13, II. Instructions to Offerors, B. Special Instructions Bidding Instructions, Lot 1.

Q-2: In relation to Lot 2 for the Zeiss CMM and Zeiss 3D Scanning System. Since these are two separate systems, can we quote just one or the other?

A-2: State's Response: Change. Yes, you can quote one or the other.

Change related to questions:

Change #1: Page 16, III. Scope of Work/Specifications, Lot 2.

Lot 2

Item 1: Production Coordinate Measuring Machine Reference: Zeiss Spectrum RDS/XXT

The free-standing, production grade coordinate measuring machine that must allow for inspection of machined and additively manufactured parts. The system must include the following functional and technical specifications:

- Minimum measuring range: X = 700mm, Y = 1000mm, Z = 600mm
- Minimum CMM accuracy per ISO 10360-2
 - $MPE_E = (1.9 + L/250)\mu m$ @ 18 – 22°C (length measurement error)
 - $MPE_P = 2.1 \mu m$ probing error (spherical)
- Accessories must include a minimum of the following:
 - AC Power Cord
 - Control Panel
 - Reference Sphere
- Minimum sensors must include the following:
 - Vendor Scanning Sensor System
 - Stylus Kit (star)
 - Tip Changer (3 positions)
 - 2 Stylus Plates (1 Reference Plate and 1 Stylus Plate)
- CMM system frame, as necessary, for use on shop floor
- Minimum sensor accessories include:
 - Stylus Plate
 - Training Block Cube
 - Stylus Kit
 - Stylus Holder Kit
 - Stylus Changer
- The system must include vendor software for operation including a computer, monitor, and keyboard for operation and documentation
 - Computer workstation must meet the below minimum specifications
 - Windows 10 Pro 64-bit Operating System
 - 16GB Memory
 - 128GB SSD hard drive
 - 500GB SATA hard drive
 - 23" Flat Screen LCD Monitor with Cable
 - Metrology CAD-based Software focused on standard geometrics Reference: Zeiss Calypso
 - Automatic travel paths
 - Automatic generation of measurement plans using product and manufacturing information in the CAD model
 - Reporting capability with report templates or the ability to create our own reports
 - DME interface for controlling measuring machines from other manufacturers
- Computer Work Table: Size 48"Wx30"D
- Electrical requirements: 100 – 240 VAC (+/- 10%), 50 – 60 Hz
- 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.
- Telephone Support
 - Software License for Remote Connection
 - Minimum one year real-time telephone support
 - Service installation and Testing

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 to include software

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.)

Item 4: ~~3D Scanning System Reference: Zeiss Comet 5M~~

~~A free-standing, production grade 3D scanning system for 3D data acquisition. The system must include the following technical specifications:~~

- ~~Minimum pixel projector unit: 5 Mpixel~~
- ~~Software system for 3D data acquisition, analysis, and export to STL, AutoCAD, SolidWorks, and CATIA files Reference: Zeiss Colin3D~~
- ~~Lens Systems:

 - ~~255mm x 211mm x 140mm – Min. point spacing: 105 μ m~~
 - ~~481mm x 404mm x 250mm – Min. point spacing: 196 μ m~~~~
- ~~Calibration plates for each lens system that includes ISO traceable certificate, CD, and positioning template~~
- ~~Minimum working distance: 760mm~~
- ~~Height adjustable and portable tripod on wheels~~
- ~~Rotary table with the following minimum capabilities:

 - ~~100 kg max load~~
 - ~~400mm diameter~~
 - ~~Weighs less than or equal to 20 kg~~
 - ~~Includes magnetic rubber mat~~~~
- ~~Laptop must meet the below minimum specifications

 - ~~Windows 10 64-bit Operating System~~
 - ~~32GB Memory~~
 - ~~17" Display~~
 - ~~(2) 1TB hard drive~~
 - ~~512GB SSD hard drive~~~~
- ~~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 5: 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 to include software

Item 6: 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 4

Item 1: 3D Scanning System Reference: Zeiss Comet 5M

A free-standing, production grade 3D scanning system for 3D data acquisition. The system must include the following technical specifications:

- Minimum pixel projector unit: 5 Mpixel
- Software system for 3D data acquisition, analysis, and export to STL, AutoCAD, SolidWorks, and CATIA files Reference: Zeiss Colin3D
- Lens Systems:
 - 255mm x 211mm x 140mm – Min. point spacing: 105 μ m

- 481mm x 404mm x 250mm – Min. point spacing: 196 μ m
- Calibration plates for each lens system that includes ISO traceable certificate, CD, and positioning template
- Minimum working distance: 760mm
- Height adjustable and portable tripod on wheels
- Rotary table with the following minimum capabilities:
 - 100 kg max load
 - 400mm diameter
 - Weighs less than or equal to 20 kg
 - Includes magnetic rubber mat
- Laptop must meet the below minimum specifications
 - Windows 10 64-bit Operating System
 - 32GB Memory
 - 17" Display
 - (2) 1TB hard drive
 - 512GB SSD hard drive
- 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 to include software

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.)

Change #2: Page 30, Section VIII. Bidding Schedule. Replace the bidding schedule on page 30 with the below Amended Bidding Schedule.

VIII. Bidding Schedule

IFB #: 190329-545-12506-04/15/19

Amendment #3 Bidding Schedule

Unit price shall be shown.

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

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

Deliveries shall be FOB destination, freight prepaid.

Lot 1

Item #	Qty	UOM	Description	Unit Price	Grand Total
1	1	EA	Renishaw Equator 300 Comparative Gaging System Educational Package	\$ _____	\$ _____
			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 due upon installation for initial 1 year period.	\$ _____	\$ _____
			Resident Contractor Preference: _____		
			Resident Subcontractor Preference (2%) _____		
			Number of subcontractors claimed: _____		
			Resident Subcontractor Preference (4%) _____		
			Number of subcontractors claimed: _____		
7	1	EA	Renishaw Equator 500 Comparative Gaging System Educational Package	\$ _____	\$ _____
			Mfg: _____		
			Model #: _____		
			SC End Product Preference: _____		
			U.S. End Product Preference: _____		
Resident Vender Preference: _____					
			Delivery ARO: _____		
8	1	YR	Software Renewal, If Any – Year 2	\$ _____	\$ _____
9	1	YR	Software Renewal, If Any – Year 3	\$ _____	\$ _____
10	1	YR	Software Renewal, If Any – Year 4	\$ _____	\$ _____
11	1	YR	Software Renewal, If Any – Year 5	\$ _____	\$ _____

12	1	YR	Annual Maintenance / Support due upon installation for initial 1 year period.	\$ _____	\$ _____
			Resident Contractor Preference: _____		
			Resident Subcontractor Preference (2%) _____		
			Number of subcontractors claimed: _____		
			Resident Subcontractor Preference (4%) _____		
			Number of subcontractors claimed: _____		
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	Annual Maintenance/Support Beginning Year 2	\$ _____	\$ _____
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

Item #	Qty	UOM	Description	Unit Price	Grand Total
1	1	EA	Production Coordinate Measuring Machine Reference: Zeiss Spectrum RDS/XXT 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 due upon installation for initial 1 year period.	\$ _____	\$ _____
			Resident Contractor Preference: _____		
			Resident Subcontractor Preference (2%) _____		
			Number of subcontractors claimed: _____		
			Resident Subcontractor Preference (4%) _____		
			Number of subcontractors claimed: _____		
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	Annual Maintenance/Support Beginning Year 2	\$	\$
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

Item #	Qty	UOM	Description	Unit Price	Grand Total
1	1	EA	Optical Comparator	\$ _____	\$ _____
			Reference: Starrett HE400 MkIII		
			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 due upon installation for initial 1 year period.	\$ _____	\$ _____
			Resident Contractor Preference: _____		
			Resident Subcontractor Preference (2%) _____		
			Number of subcontractors claimed: _____		
			Resident Subcontractor Preference (4%) _____		
			Number of subcontractors claimed: _____		

Lot 3 Grand Total	\$
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For Informational Purposes Only And Not Included In The Evaluation Process:

QTY	UOM	Description	Unit Price/ Hourly Rate	Extended Total
1	YR	Annual Maintenance/Support Beginning Year 2	\$	\$
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

Item #	Qty	UOM	Description	Unit Price	Grand Total
1	1	EA	3D Scanning System Reference: Zeiss Comet 5M 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 due upon installation for initial 1 year period. Resident Contractor Preference: _____ Resident Subcontractor Preference (2%) _____ Number of subcontractors claimed: _____ Resident Subcontractor Preference (4%) _____ Number of subcontractors claimed: _____	\$ _____	\$ _____
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.

Please Check appropriate line:

_____ **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 #: _____