

# SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30

1. REQUISITION NO.

PAGE 1 OF

31

2. CONTRACT NO. NRC-38-09-749	3. AWARD/EFFECTIVE DATE 09-30-2009	4. ORDER NO.	5. SOLICITATION NUMBER RFQ-38-09-749	6. SOLICITATION ISSUE DATE
7. FOR SOLICITATION INFORMATION CALL:	a. NAME Monique B. Williams	b. TELEPHONE NO. (No Collect Calls) monique.williams@nrc.gov		8. OFFER DUE DATE/LOCAL TIME

9. ISSUED BY: U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Monique B. Williams Mail Stop: TWB-01-B10M Washington, DC 20555	CODE 3100	10. THIS ACQUISITION IS <input type="checkbox"/> UNRESTRICTED OR <input checked="" type="checkbox"/> SET ASIDE: 100 % FOR: <input checked="" type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> HUBZONE SMALL BUSINESS <input type="checkbox"/> SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS NAICS: 334119 SIZE STANDARD: <input type="checkbox"/> 8(A)
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11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input type="checkbox"/> SEE SCHEDULE	12. DISCOUNT TERMS	13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700) <input type="checkbox"/>	13b. RATING N/A	14. METHOD OF SOLICITATION <input type="checkbox"/> RFQ <input type="checkbox"/> IFB <input checked="" type="checkbox"/> RFP
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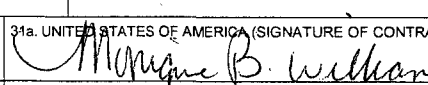
15. DELIVER TO U.S. Nuclear Regulatory Commission Technical Training Center Osborne Office Center, Suite 200 5746 Marlin Road Chattanooga TN 37411-5677	CODE	16. ADMINISTERED BY U.S. Nuclear Regulatory Commission Div. of Contracts Mail Stop: TWB-01-B10M Washington, DC 20555	CODE 3100
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17a. CONTRACTOR/OFFEROR MEDIATECH, INC.  829 CARSWELL AVE  DAYTONA BEACH FL 321173513 TELEPHONE NO. 386-258-9958	CODE	FACILITY CODE	18a. PAYMENT WILL BE MADE BY Department of Interior / NBC NRCPayments@nbc.gov Attn: Fiscal Services Branch - D2770 7301 W. Mansfield Avenue Denver CO 80235-2230	CODE 3100
17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER <input type="checkbox"/>			18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM	

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	<p>To obtain Multimedia Equipment for the Technical Training Center Classrooms to improve the classroom presentation capabilities for use in Technical Training Classrooms.</p> <p>The period of performance for the base period is: 9/30/2009 to 3/31/2011. The installation of equipment will take place from 9/30/2009 to 3/31/2010; and Customer Support will be provided for one-year after NRC acceptance of delivered systems from 4/1/2010 - 3/31/2011. There are three one-year option periods and one six month option period for Customer Support. The NRC reserves the right not to exercise the option periods</p> <p>NRC Project Officer: Janice Griffin (423) 855-6516</p> <p>DUNS NO.: 787058437</p> <p>(Use Reverse and/or Attach Additional Sheets as Necessary)</p>				

25. ACCOUNTING AND APPROPRIATION DATA 9-8415-171114, X8499, 3131, 31X0200 Amount Obligated: \$558,573.00	26. TOTAL AWARD AMOUNT (For Govt. Use Only) \$558,573.00
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<input type="checkbox"/> 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4. FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA	<input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED.
<input checked="" type="checkbox"/> 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA	<input type="checkbox"/> ARE <input checked="" type="checkbox"/> ARE NOT ATTACHED
<input checked="" type="checkbox"/> 28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 02 COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED	<input type="checkbox"/> 29. AWARD OF CONTRACT: REF. _____ OFFER DATED _____ YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN IS ACCEPTED AS TO ITEMS:

30a. SIGNATURE OF OFFEROR/CONTRACTOR 	31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER) 
30b. NAME AND TITLE OF SIGNER (TYPE OR PRINT) MAURICE MORISSETTE cfo	31b. NAME OF CONTRACTING OFFICER (TYPE OR PRINT) Monique B. Williams Contracting Officer
30c. DATE SIGNED 10-5-09	31c. DATE SIGNED 9/29/2009

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PRESIDENT

SUNSI REVIEW COMPLETE

STANDARD FORM 1449 (REV. 3/2005)  
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TEMPLATE - ADM001

ADM002

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## **SECTION B - CONTINUATION BLOCK**

### **B.1 PROJECT TITLE**

The title of this project is as follows: Classroom Multimedia Equipment for the Technical Training Center Classrooms.

### **B.2 BRIEF DESCRIPTION OF WORK (MAR 1987)**

Description of Requirement: The NRC provides technical training to its staff members at its Technical Training Center located in Chattanooga, TN. This training consists of classroom and simulator courses. To support this training, the TTC has seven (7) classrooms and four (4) full-scope control room simulators replicating reactor designs in operation in the United States. Of the seven TTC classrooms, five (5) are currently equipped with multimedia equipment for use in classroom presentations and two (2) are new classrooms with no multimedia equipment installed. The objective of this procurement is to provide multimedia equipment for the two (2) new and five (5) existing classrooms at the TTC to improve the classroom presentation capabilities for use in TTC courses. The classrooms are to be equipped the same to the extent practical. The specifics are detailed in the attached Statement of Work.

### **B.3 CONSIDERATION AND OBLIGATION--FIRM FIXED PRICE (JUN 1988)**

The firm fixed price of this contract is \$558,573.00.

**B.4 PRICE SCHEDULE/COST****BASE PERIOD: 9/30/2009 - 3/31/2011**

<u>CLIN</u>	<u>DESCRIPTION OF PRODUCT</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
001	High Intensity Projectors (1024 x 768)		each	\$	\$
002	Digital High Resolution Projector (1920 x 1080)		each	\$	\$
003	Projector Ceiling Mounts		each	\$	\$
004	Interactive Whiteboards and Projection Screens		each	\$	\$
005	Projection Surfaces for 8 foot wide by 6 foot high		each	\$	\$
006	Projection Surfaces for 12 foot wide by 7 foot high		each	\$	\$
007	Ceiling Mounted Speakers		each	\$	\$
008	Auxiliary Display Monitors		each	\$	\$
009	Multimedia Lecterns		each	\$	\$
010	Classroom Camera and Recording Systems		each	\$	\$
011	Doc Cams		each	\$	\$
012	Customer Support		Year	\$	\$
013	Training		LOT	N/A	Included
<b>TOTAL PRICE FOR BASE YEAR</b>					<b>\$ 558,573</b>

Note: The above line items are Fixed Price Line Items

**OPTION YEAR 1: 4/1/2011 - 3/31/2012**

<u>CLIN</u>	<u>DESCRIPTION OF PRODUCT</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
014	Preventive Maintenance		hours	\$	\$
015	Service for Troubleshooting/Equipment Failures		hours	\$	\$
			<b>TOTAL LABOR</b>		\$
016	Replacement Equipment and Parts		LOT		\$
017	Administrative Fee for Equipment	\$	LOT		\$
<b>TOTAL MATERIALS</b>					<b>\$ 7,840</b>
<b>TOTAL PRICE FOR OPTION YEAR 1</b>					<b>\$ 25,640</b>

Note: The above line items are Time and Materials; the above prices are inclusive of travel costs, if required.

The contractor will be reimbursed for actual costs for Materials purchased. The contractor must produce actual receipts and Billing shall occur after each preventative maintenance or service trip.

**OPTION YEAR 2: 4/1/2012 - 3/31/2013**

<u>CLIN</u>	<u>DESCRIPTION OF PRODUCT</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
018	Preventive Maintenance		hours	\$	\$
019	Service for Troubleshooting/Equipment Failures		hours	\$	\$
			<b>TOTAL LABOR</b>		\$
020	Replacement Equipment and Parts		LOT		\$
021	Administrative Fee for Equipment	\$	LOT		\$
<b>TOTAL MATERIALS</b>					<b>\$ 7,840</b>
<b>TOTAL PRICE FOR OPTION YEAR 2</b>					<b>\$ 26,080</b>

Note: The above line items are Time and Materials; the above prices are inclusive of travel costs, if required.

The contractor will be reimbursed for actual costs for Materials purchased. The contractor must produce actual receipts and Billing shall occur after each preventative maintenance or service trip.

<u>CLIN</u>	<u>DESCRIPTION OF PRODUCT</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
022	Preventive Maintenance		hours		\$
023	Service for Troubleshooting/Equipment Failures		hours		\$
			<b>TOTAL LABOR</b>		\$
024	Replacement Equipment and Parts		LOT		\$
025	Administrative Fee for Equipment	\$	LOT		\$
		<b>TOTAL MATERIALS</b>			\$ 7,840
		<b>TOTAL PRICE FOR OPTION YEAR 3</b>			\$ 26,542

Note: The above line items are Time and Materials; the above prices are inclusive of travel costs, if required.

The contractor will be reimbursed for actual costs for Materials purchased. The contractor must produce actual receipts and Billing shall occur after each preventative maintenance or service trip.

#### OPTION YEAR 4: 4/1/2014 - 10/31/2014

<u>CLIN</u>	<u>DESCRIPTION OF PRODUCT</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
022	Preventive Maintenance		hours		\$
023	Service for Troubleshooting/Equipment Failures		hours		\$
			<b>TOTAL LABOR</b>		\$
024	Replacement Equipment and Parts		LOT		\$
025	Administrative Fee for Equipment	\$	LOT		\$
		<b>TOTAL MATERIALS</b>			\$ 3,920
		<b>TOTAL PRICE FOR OPTION YEAR 3</b>			\$ 13,514

Note: The above line items are Time and Materials; the above prices are inclusive of travel costs, if required.

The contractor will be reimbursed for actual costs for Materials purchased. The contractor must produce actual receipts and Billing shall occur after each preventative maintenance or service trip.

**TOTAL BASE PRICE PLUS OPTION PERIODS: \$ 650,439**

## **B.5 DURATION OF CONTRACT PERIOD (MAR 1987)**

This contract shall commence on September 30, 2009 and will expire on March 31, 2011.

## **B.6 2052.215-70 KEY PERSONNEL (JAN 1993)**

(a) The following individuals are considered to be essential to the successful performance of the work hereunder:



The contractor agrees that personnel may not be removed from the contract work or replaced without compliance with paragraphs (b) and (c) of this section.

(b) If one or more of the key personnel, for whatever reason, becomes, or is expected to become, unavailable for work under this contract for a continuous period exceeding 30 work days, or is expected to devote substantially less effort to the work than indicated in the proposal or initially anticipated, the contractor shall immediately notify the contracting officer and shall, subject to the concurrence of the contracting officer, promptly replace the personnel with personnel of at least substantially equal ability and qualifications.

(c) Each request for approval of substitutions must be in writing and contain a detailed explanation of the circumstances necessitating the proposed substitutions. The request must also contain a complete resume for the proposed substitute and other information requested or needed by the contracting officer to evaluate the proposed substitution. The contracting officer and the project officer shall evaluate the contractor's request and the contracting officer shall promptly notify the contractor of his or her decision in writing.

(d) If the contracting officer determines that suitable and timely replacement of key personnel who have been reassigned, terminated, or have otherwise become unavailable for the contract work is not reasonably forthcoming, or that the resultant reduction of productive effort would be so substantial as to impair the successful completion of the contract or the service order, the contract may be terminated by the contracting officer for default or for the convenience of the Government, as appropriate. If the contracting officer finds the contractor at fault for the condition, the contract price or fixed fee may be equitably adjusted downward to compensate the Government for any resultant delay, loss, or damage.

## B.7 PROJECT OFFICER AUTHORITY ALTERNATE 2 (FEBRUARY 2004)

(a) The contracting officer's authorized representative hereinafter referred to as the project officer for this contract is:

Name: Janice Griffin

Address: US NRC Technical Training Center  
Chattanooga, TN  
Janice.Griffin@nrc.gov

Telephone Number: (423) 855-6516

(b) The project officer shall:

- (1) Monitor contractor performance and recommend changes in requirements to the contracting officer.
- (2) Inspect and accept products/services provided under the contract.
- (3) Review all contractor invoices/vouchers requesting payment for products/services provided under the contract and make recommendations for approval, disapproval, or suspension.
- (4) Immediately notify the Security Branch, Division of Facilities and Security (SB/DFS) (via e-mail) when a contractor employee no longer requires access authorization and return of any NRC issued badge to SB/DFS within three days after their termination.

(c) The project officer may not make changes to the express terms and conditions of this contract.

\*To be incorporated into any resultant contract

## B.8 DELIVERY SCHEDULE

The contractor must install equipment from the effective date of this contract by March 31, 2010.

### Required Equipment/Services

1. Seven (7) digital high resolution (1920 x 1080) projectors (section 4.2.1).
2. Nine (9) standard resolution (1024 x 768) projectors (section 4.2.1).
3. Twenty-one (21) projector ceiling mounts (section 4.2.1).
4. Seven (7) interactive whiteboards (section 4.2.2).
5. Fourteen (14) projection surfaces for an 8-foot wide by 6-foot high image (section 4.2.2).
6. Seven (7) projection surfaces for a 12-foot wide by 7-foot high image (section 4.2.2).
7. Forty-four (44) ceiling mounted speakers (section 4.2.3).
8. Twelve (12) 42-inch auxiliary displays (section 4.2.4).
9. Seven (7) multimedia lecterns, each equipped with the following: a DVD player; a VCR; a wireless microphone system; an external speaker amplifier; two color LCD panels; a 9-inch "preview" monitor; and an interactive display for use with the NRC-supplied presentation PC (section 4.2.5).

10. All cables, power supplies, connectors and other items necessary for the installation of all of the above equipment.
11. Installation and integration of all of the above equipment in each classroom.
12. Training on the function, operation and usage of all equipment (section 4.4).
13. Customer support for a period of 6-months after installation (section 4.3).
14. Five (5) document cameras, including installation and integration with multimedia lecterns and training on their usage (section 6.2).
15. Five (5) camera and recording systems, including installation and training on their operation and usage (section 6.1).

Optional Equipment/Services

1. Customer support for each of four option years (section 6.3).

**B.9 GOVERNMENT FURNISHED EQUIPMENT/PROPERTY (JANUARY 2001)**

(a) The NRC will provide the contractor with the following items for use under this contract:

1. The NRC will supply the necessary power outlets in the walls, ceiling, and/or floor of each classroom to meet the requirements specified by the vendor. The NRC will arrange for the installation of any additional electrical outlets and/or circuits needed to meet those requirements.
2. The NRC will supply the Presentation PC to be installed in the multimedia lectern in each of the classrooms.
3. The NRC will supply five (5) of the projectors needed to meet the requirements specified in section 4.2.1. These projectors are Sanyo Model PLC-XT20 projectors with the following specifications: 1028 x 768 resolution; 4:3 aspect ratio; 3800 ANSI lumens.

(b) Only the equipment/property listed above in the quantities shown will be provided by the Government. The contractor shall be responsible and accountable for all Government property provided under this contract and shall comply with the provisions of the FAR Government Property Clause under this contract and FAR Subpart 45.5, as in effect on the date of this contract. The contractor shall investigate and provide written notification to the NRC Contracting Officer (CO) and the NRC Division of Facilities and Security, Physical Security Branch of all cases of loss, damage, or destruction of Government property in its possession or control not later than 24 hours after discovery. The contractor must report stolen Government property to the local police and a copy of the police report must be provided to the CO and to the Division of Facilities and Security, Physical Security Branch.

(d) All other equipment/property required in performance of the contract shall be furnished by the Contractor.



## SECTION C – STATEMENT OF WORK

### CLASSROOM MULTIMEDIA EQUIPMENT FOR TECHNICAL TRAINING CLASSROOMS

#### 1.0 PURPOSE

The Office of Human Resources, Associate Directorate for Human Resources Training and Development, requires that classroom multimedia equipment be designed and installed at the US Nuclear Regulatory Commission's (NRC's) Technical Training Center (TTC) in Chattanooga, Tennessee.

#### 2.0 BACKGROUND

The NRC provides technical training to its staff members at its Technical Training Center located in Chattanooga, TN. This training consists of classroom and simulator courses. To support this training, the TTC has seven (7) classrooms and four (4) full-scope control room simulators replicating reactor designs in operation in the United States.

Of the seven TTC classrooms, five (5) are currently equipped with multimedia equipment for use in classroom presentations and two (2) are new classrooms with no multimedia equipment installed. Refer to Figures 1 through 4 for information on classroom sizes and current equipment.

#### 3.0 OBJECTIVE

The objective of this procurement is to provide multimedia equipment for the two (2) new and five (5) existing classrooms at the TTC to improve the classroom presentation capabilities for use in TTC courses. The classrooms are to be equipped the same to the extent practical.

#### 4.0 STATEMENT OF WORK

##### 4.1 GENERAL APPROACH AND REQUIREMENTS

The following are summary statements of the tasks and requirements of this project. Detailed requirements for the classroom equipment to be provided are delineated in section 4.2, Classroom Equipment Requirements.

1. The Contractor shall provide and install the specified classroom multimedia equipment for the seven (7) classrooms at the following NRC location:  
  
 US NRC Technical Training Center  
 Osborne Office Center, Suite 200  
 5746 Marlin Road  
 Chattanooga, TN 37411-5677
2. The NRC will supply the Presentation PC to be installed in the multimedia lectern in each of the classrooms.
3. The NRC will supply five (5) of the projectors needed to meet the requirements specified in section 4.2.1. These projectors are Sanyo Model PLC-XT20 projectors with the following specifications: 1028 x 768 resolution; 4:3 aspect ratio; 3800 ANSI lumens.

**TASK 4.2 - CLASSROOM EQUIPMENT REQUIREMENTS**

The requirements for the equipment to be provided for the TTC classrooms are provided below. Refer to Table 1 to determine which equipment is to be provided for each classroom.

Table 1 Classroom Equipment Assignment

<b>Classroom</b> <b>Equipment</b>	<b>1A</b>	<b>2A</b>	<b>2B</b>	<b>3A</b>	<b>3B</b>	<b>3C</b>	<b>4A</b>
Two Standard Resolution Projectors (1024 x 768)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
One Digital High Resolution Projector (1920 x 1080)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Interactive Whiteboards and Projection Screens	Yes	Yes	Yes	Yes	Yes	Yes	Yes
External Speaker System (No. of Speakers)	Yes (6)	Yes (6)	Yes (6)	Yes (8)	Yes (6)	Yes (6)	Yes (6)
Auxiliary Displays (No. of Displays)	No	Yes (2)	Yes (2)	Yes (4)	Yes (2)	Yes (2)	No
Multimedia Lectern	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Classroom Camera and Recording System (Option 6.1)	No	Yes	Yes	Yes	Yes	Yes	No

**4.2.1 High Resolution, High Intensity Projectors (or equivalent projection technology)**

- Two standard resolution 1024 x 768 (4:3 aspect ratio) projectors and one digital high resolution 1920 x 1080 (16:9 aspect ratio) projector will be installed in each classroom where needed. A total of fourteen (14) standard resolution 1024 x 768 and seven (7) digital high resolution 1920 x 1080 projectors will be needed. Five of the standard resolution projectors will be provided by the NRC. The Contractor shall provide nine (9) of the standard resolution projectors and all seven (7) of the high resolution projectors. Equivalent projection technology may be proposed in lieu of traditional projectors.
- Each projector shall be capable of accepting inputs with a horizontal scan rate between 15 and 105 KHz and shall represent the latest technology for displaying classroom materials for instructional purposes.
- All cables, adapters, and converters required to support inputs to each projector from the following equipment shall be included:
  - Presentation PC
  - Laptop Port
  - Digital Video Disc (DVD) Player
  - Video Cassette Recorder (VCR)
- The projectors shall have a minimum brightness of 3800 ANSI lumens.
- A ceiling mount kit shall be included for each of the twenty-one (21) projectors to be installed.
- It is preferred that each projector be equipped with an auto convergence feature.
- The projectors will be placed at the distance required from the projection surface in each classroom for

optimum projection. The resulting minimum image should be approximately 8 feet wide by 6 feet high for the standard resolution (4:3 aspect ratio) projectors and should be approximately 12 feet wide by 7 feet high for the digital high resolution (16:9 aspect ratio) projectors.

8. Installation of all twenty-one (21) projectors shall be included as well as training on the operation and maintenance of the projectors.
9. Removal of any existing projectors in each classroom and their associated cables shall be included. These projectors shall remain the property of the NRC.

#### **4.2.2 Interactive Whiteboards and Projection Screens (or equivalent multimedia display technology)**

1. Each classroom shall be capable of displaying projection media with written media simultaneously.
2. Each classroom shall be capable of displaying the images from its two standard resolution projectors simultaneously side by side. Each projected image should be approximately 8 feet wide by 6 feet high.
3. Each classroom shall be capable of displaying the image from its digital high resolution projector on one screen centered in the viewing area. The projected image should be approximately 12 feet wide by 7 feet high.
4. Each classroom shall be equipped with an interactive whiteboard, or equivalent display technology. The whiteboard shall be 8 feet wide by 6 feet high; have an anti-glare steel-backed projection surface; have an electronic-free surface; and allow up to 2 points of contact and multi-touch gestures.
5. The classroom projection area should be maximized for the space available. If projection screens are used, the viewing surface gain factor shall be 4.0 or greater if possible.
6. All cables, adapters, and converters required to support the projection display shall be included with the exception of electrical. Electrical supply and outlets, as specified by the Contractor, will be provided by the NRC.
7. Installation of the display devices (e.g., motorized screens, whiteboards, etc.) shall be included as well as training on the operation of any active components.

#### **4.2.3 External Speaker System**

1. Each of the seven (7) classrooms shall be equipped with an in-ceiling speaker system capable of broadcasting an amplified audio signal (refer to 4.2.5.6 below). The number of speakers to be installed in each classroom is specified in Table 1.
2. Each speaker shall meet the following specifications: approximate 10-inch diameter; capable of handling 140 watts (minimum); frequency response of 70Hz – 20kHz; 8 ohms impedance.
3. Installation of the external speaker system in each classroom shall be included, as shall be the removal of any existing in-ceiling speaker system and its associated wires.

#### **4.2.4 Auxiliary Displays**

1. The classrooms identified in Table 1 as having auxiliary displays shall each be equipped with the indicated number of 42-inch monitors or televisions to serve as auxiliary displays for viewing any information displayed by the projectors.
2. Each auxiliary display shall be a 42-inch flat panel with a maximum resolution of 1920 x 1080, a 16:9

aspect ratio, and a minimum 500 cd/m2 brightness, and shall be HD capable.

3. The displays will be mounted close to the ceiling on each side of the classroom and oriented to allow viewing from the side of the classroom on which they are mounted.
4. The auxiliary displays will be mounted at distances from the front of the room to allow viewing from the back portion of the classroom. The exact mounting locations will be finalized during installation.
5. Installation of the auxiliary displays shall be included.

#### 4.2.5 Multimedia Lecterns

1. Each of the seven (7) classrooms shall be equipped with a lectern capable of holding the following equipment:
  - a. Presentation PC with keyboard, mouse and interactive display
  - b. DVD Player\*
  - c. VCR\*
  - d. Wireless Microphone System
  - e. External Speaker Amplifier
  - f. Two color LCD panels
  - g. 9-inch "preview" monitor

\*The DVD player and VCR must be provided as one combination component.
2. Each lectern shall be equipped with a laptop computer port capable of supporting, at minimum, a Super VGA connection.
3. Each lectern shall be equipped with a surface-mounted microphone and internal speakers.
4. The audio signal from the wireless microphone shall be routed to the lectern's internal speaker system and the classroom's external speaker system.
5. The video portion of the following equipment shall be routed to one of the color LCD panels when that equipment is selected as the feed to the any combination of the classroom's projectors or display technology:
  - a. Presentation PC
  - b. DVD Player
  - c. VCR
  - d. Laptop Port
  - e. Any future video source
6. The audio portion of the following equipment shall be routed to an amplifier for the external speaker system when that equipment is selected as the audio source for the speakers:
  - a. Presentation PC
  - b. DVD Player
  - c. VCR
  - d. Laptop Port
  - e. Any future audio source
7. The lecterns shall provide the user with the ability to select one of the following as the feed to each of the classroom's projectors or display technology:
  - a. Presentation PC
  - b. DVD Player
  - c. VCR

- d. Laptop Port
  - e. Any future capability needed
8. The lecterns shall provide the user with the ability to select one of the following as the feed to each of the auxiliary display monitors independent of or in combination with the projectors or display technology:
- a. Presentation PC
  - b. DVD Player
  - c. VCR
  - d. Laptop Port
  - e. Any future capability needed
9. The lecterns shall provide the user with the ability to select one of the following as the feed to the embedded preview monitor:
- a. Presentation PC
  - b. DVD Player
  - c. VCR
  - d. Laptop Port
  - e. Any future capability needed
10. The user interface for the control features described in items 4.2.5.5 - 4.2.5.9 above shall be implemented on a color, active matrix LCD touch panel mounted on the lectern.
11. The lecterns shall be equipped as necessary to allow the user to individually adjust the magnitude of the output to three (3) or four (4) sets of external speakers (two speakers per set) from this same LCD touch panel (i.e., volume control for the external speaker system shall be provided). (Refer to Table 1 to determine the number of speakers in each classroom.)
12. Standard DVD/VCR functions shall be available to the user from each lectern's LCD touch panel.
13. The software which is used to develop the lectern's LCD touch panel user interface shall be provided to allow for future modifications and addition of features.
14. The lecterns shall have a retractable keyboard platform (or drawer) wide enough to hold both the Presentation PC keyboard and mouse.
15. The lecterns shall provide a side shelf capable of supporting an optional Document Camera. It shall be possible to fold this shelf down when it is not being used.
16. The LCD panels and the preview monitor shall be physically configured in and/or on the lectern so a flat surface is available for placement of papers and references and so that the user's view of the classroom will not be impeded.
17. The lecterns shall be designed to allow easy access for equipment maintenance.
18. Each lectern shall be configured with the following minimum equipment:
- a. VCR\*
  - b. DVD Player\*
  - c. Two LCD panels
  - d. 9-inch "preview" monitor
  - e. Internal speakers and amplifier
  - f. Wireless microphone and amplifier
  - g. Laptop port capable of supporting Super VGA connection
  - h. Color, active matrix LCD touch panel and control computer

- i. Interactive display for the NRC-supplied Presentation PC

\*The NRC prefers that the DVD player and VCR be provided as one combination component.

- 20. The NRC will supply the Presentation PC for use with each lectern.
- 21. The lectern shall be equipped as necessary to allow remote operation of the following equipment:
  - a. Motorized screen (if proposed by the vendor)
  - b. Up to six (6) banks of lights, up to four (4) of which will be dimmable.
- 22. Installation and integration of the lecterns with the classroom projectors, the external speaker system, and the auxiliary displays shall be included, as well as training in the operation of the lectern and its components.

#### **Task 4.3 – CUSTOMER SUPPORT**

The Contractor shall provide customer support for a period of six months following installation to ensure the equipment functions as required. This support shall include routine preventative maintenance recommended by equipment manufacturers, such as projector filter cleaning; response to questions regarding component operation; installation of any applicable software updates; and problem troubleshooting and repairs.

#### **Task 4.4 – TRAINING**

The Contractor shall provide training for, at a minimum, three to five NRC personnel at the TTC on how to energize, connect, and operate all equipment; how to perform maintenance and troubleshoot equipment malfunctions; and how to use the operations support documentation provided with the equipment.

### **5.0 CONTRACTOR RESPONSIBILITIES**

- 4. The Contractor shall identify a Project Manager to serve as the point of contact with the NRC Project Manager.
- 5. The Contractor shall approach this project, to the maximum extent possible, as a turn-key project, meaning that NRC staff will provide minimum assistance (except as described in item 2 below).
- 6. The Contractor shall provide all necessary materials, equipment, and supplies for this work including all miscellaneous equipment as necessary to support the requirements stated in this statement of work, such as cables, connectors, microphones, control equipment, switches, speakers, etc.
- 7. The NRC will supply the necessary power outlets in the walls, ceiling, and/or floor of each classroom to meet the requirements specified by the vendor. The NRC will arrange for the installation of any additional electrical outlets and/or circuits needed to meet those requirements.
- 8. The Contractor shall install all equipment and associated cables purchased under this procurement and any equipment identified as being provided by the NRC in the TTC classrooms.
- 9. The Contractor shall conduct testing of the installed equipment to ensure its operability. The testing shall be documented. The results of the testing shall be approved by the NRC Project Manager and final system acceptance by the NRC Project Manager shall be contingent upon demonstration of full compliance with the requirements of this SOW.
- 10. The Contractor shall provide the manufacturers' warranty and documentation for all equipment provided under this procurement.

11. The NRC reserves the right to upgrade the technical standards for the equipment in light of any new breakthroughs in equipment designs that are deemed as technological updates or advances and that represent benefit to the NRC. At the option of the NRC, the Contractor can propose upgraded equipment if so identified.
12. In the event that Contractor is not able to provide the products proposed, the Contractor shall make available to the NRC, at the prices and in the quantities specified in their proposal, substitute products which shall have the functional capabilities of the products originally provided and which shall meet or exceed the original products' stated performance characteristics.
13. The Contractor shall be responsible for removing and disposing of the existing whiteboards and their associated guide tracks if the whiteboards are no longer to be utilized in the classrooms.
14. The Contractor shall be responsible for removing all existing multimedia equipment which will not be utilized in the classrooms, including any cables, wires, and/or support brackets. The NRC shall retain ownership of this equipment.
15. The Contractor shall be responsible for disposing of any empty equipment boxes and/or debris resulting from the installation.
16. The Contractor shall ensure that all its employees, including any subcontractor employees, who are assigned to perform the work described herein are approved by the NRC for building access.
17. The NRC shall have and exercise full and complete control over granting, denying, withholding, or terminating building access approvals for individuals performing work under this proposal. In the event that NRC is unable to grant temporary building access approval to any individual performing work under this proposal, the Contractor is responsible for assigning another individual to perform the necessary function without any delay in the schedule, or without adverse impact to any other terms or conditions of the proposal.
18. Any new technology that will upgrade the minimum equipment shall be considered if the Contractor submits a proposal outlining the upgrades to be made. Included in this proposal shall be pricing data (i.e., current published commercial price list) and any other technical information. The NRC shall have the unilateral right to modify the proposal to provide for ordering of new technology. The criterion for acceptance of the new technology proposal is as follows:
  - a. It must satisfy all original mandatory requirements in the technical specifications of this proposal;
  - b. It must satisfy all of the same test requirements as the original product; and
  - c. The price for the advanced technology must be reasonable, i.e., it must reflect the replacement of current technology with new technology and be in compliance with the pricing discounts.

## **6.0 OPTIONAL TASKS**

### **6.1 Classroom Camera and Recording System**

The Contractor shall provide an option for supplying a presenter-controlled Camera and Recording System in each classroom except Classrooms 1A and 4A.

1. The Camera and Recording System shall include sufficient cameras to cover the presentation and student areas of the classroom.
2. The Camera and Recording System shall include sufficient microphones to cover the presentation and student areas of the classroom.

3. The microphones shall be configurable in order to prevent recording of background noise.
4. The cameras shall have pan and tilt capability; a wide-angle lens; S-video output, and zoom capability.
5. The cameras shall be wall- and/or ceiling mounted.
6. Camera control shall include motion-based camera tracking, camera preset tracking, and manual operation.
7. The Contractor shall provide a digital video recorder (DVR) to record the signals from the cameras and microphones.
8. The DVR shall be capable of writing to a DVD and shall have sufficient memory to record and edit, as a minimum, an 8-hour training session.
9. The DVR and all camera and microphone controls, including power on/off, shall be installed in a separate rack in the classroom.
10. It shall be possible to edit the recorded information on the DVR's hard drive from the control rack.
11. The Contractor shall be responsible for all work and materials needed to integrate the DVR with the multimedia lectern in each classroom. This integration will result in the DVR becoming another video source which can be selected as the input to the classroom's projectors, the classroom's auxiliary display monitors, the lectern LCD panels, and/or the lectern preview monitor.
12. The Contractor shall configure the lectern's LCD touch panel to include standard DVR controls.
13. If this option is exercised, the Contractor shall provide training on the operation, use, and maintenance of the Camera and Recording System as part of the training required by Task 4.4 of this statement of work.

#### 6.2 Document Cameras

The Contractor shall provide an option for supplying Document Cameras for each of the seven (7) classrooms.

1. The output of the Document Camera shall be compatible with the projection systems provided under this contract.
2. Each document camera shall have XGA resolution (minimum), 18x optical zoom (minimum), 2x digital magnification (with live camera), and black-and-white and color capability.
3. The Contractor shall be responsible for all work and materials needed to integrate the Document Camera with the multimedia lectern in each classroom. This integration will result in the Document Camera becoming another video source which can be selected as the input to the classroom's projectors, the classroom's auxiliary display monitors, the lectern LCD panels, and/or the lectern preview monitor.
4. It shall be possible to easily disconnect the Document Camera from the multimedia lectern and remove it when not in use.
5. It shall be possible to easily connect the Document Camera to the multimedia lectern to place it in service.



6. If this option is exercised, the Contractor shall provide training on the operation, use, and maintenance of the Document Camera as part of the training required by Task 4.4 of this statement of work.

### **6.3 Customer Support**

The Contractor shall provide an option for supplying customer support for each of four option years to the contract.

This support shall include any routine preventative maintenance recommended by equipment manufacturers, such as projector filter cleaning; response to questions regarding component operation; installation of any applicable software updates; and problem troubleshooting and repairs.

## **DELIVERABLES**

### **Required Equipment/Services**

16. Seven (7) digital high resolution (1920 x 1080) projectors (section 4.2.1).
17. Nine (9) standard resolution (1024 x 768) projectors (section 4.2.1).
18. Twenty-one (21) projector ceiling mounts (section 4.2.1).
19. Seven (7) interactive whiteboards (section 4.2.2).
20. Fourteen (14) projection surfaces for an 8-foot wide by 6-foot high image (section 4.2.2).
21. Seven (7) projection surfaces for a 12-foot wide by 7-foot high image (section 4.2.2).
22. Forty-four (44) ceiling mounted speakers (section 4.2.3).
23. Twelve (12) 42-inch auxiliary displays (section 4.2.4).
24. Seven (7) multimedia lecterns, each equipped with the following: a DVD player; a VCR; a wireless microphone system; an external speaker amplifier; two color LCD panels; a 9-inch "preview" monitor; and an interactive display for use with the NRC-supplied presentation PC (section 4.2.5).
25. All cables, power supplies, connectors and other items necessary for the installation of all of the above equipment.
26. Installation and integration of all of the above equipment in each classroom.
27. Training on the function, operation and usage of all equipment (section 4.4).
28. Customer support for a period of 6-months after installation (section 4.3).

### **Optional Equipment/Services**

2. Five (5) document cameras, including installation and integration with multimedia lecterns and training on their usage (section 6.2).
3. Five (5) camera and recording systems, including installation and training on their operation and usage (section 6.1).
4. Customer support for each of four option years (section 6.3).

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# **TTC CLASSROOM 1A Room 101**

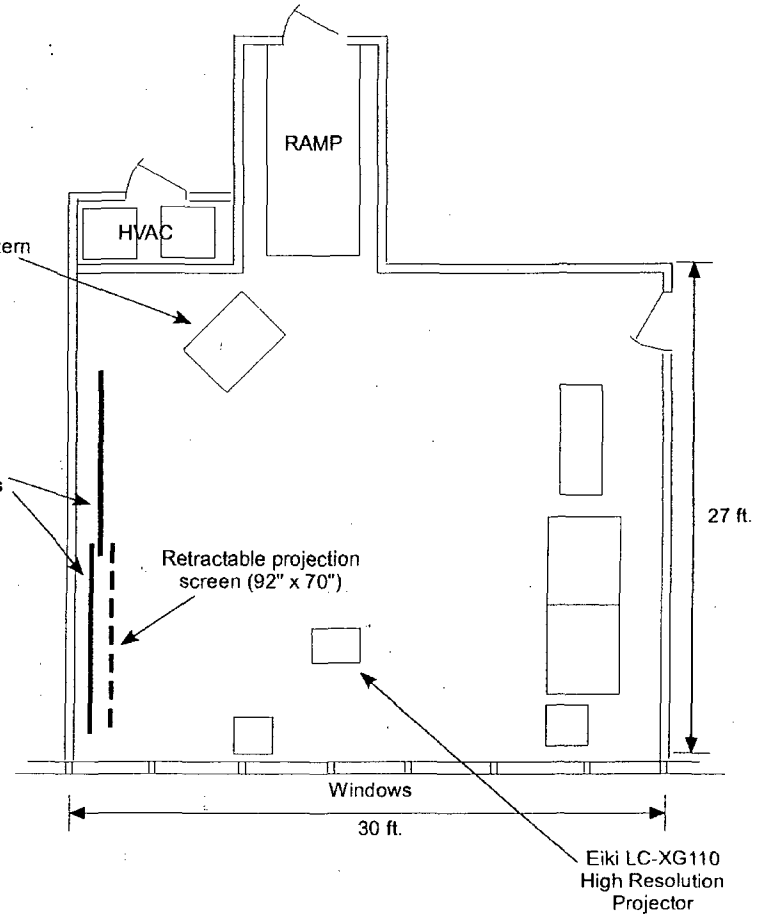
CR 1A Multimedia Lectern is currently equipped with the following:

- DVD/VCR
- Presentation PC
- 19" LCD Monitor
- 9" Black & White Monitor
- Lectern Control Computer & Touchscreen

CR 1A is currently equipped with the following:

- 4 banks of dimmable spotlights
- 2 banks of fluorescent lights

8' x 7' movable  
whiteboards on tracks



**Figure 1**

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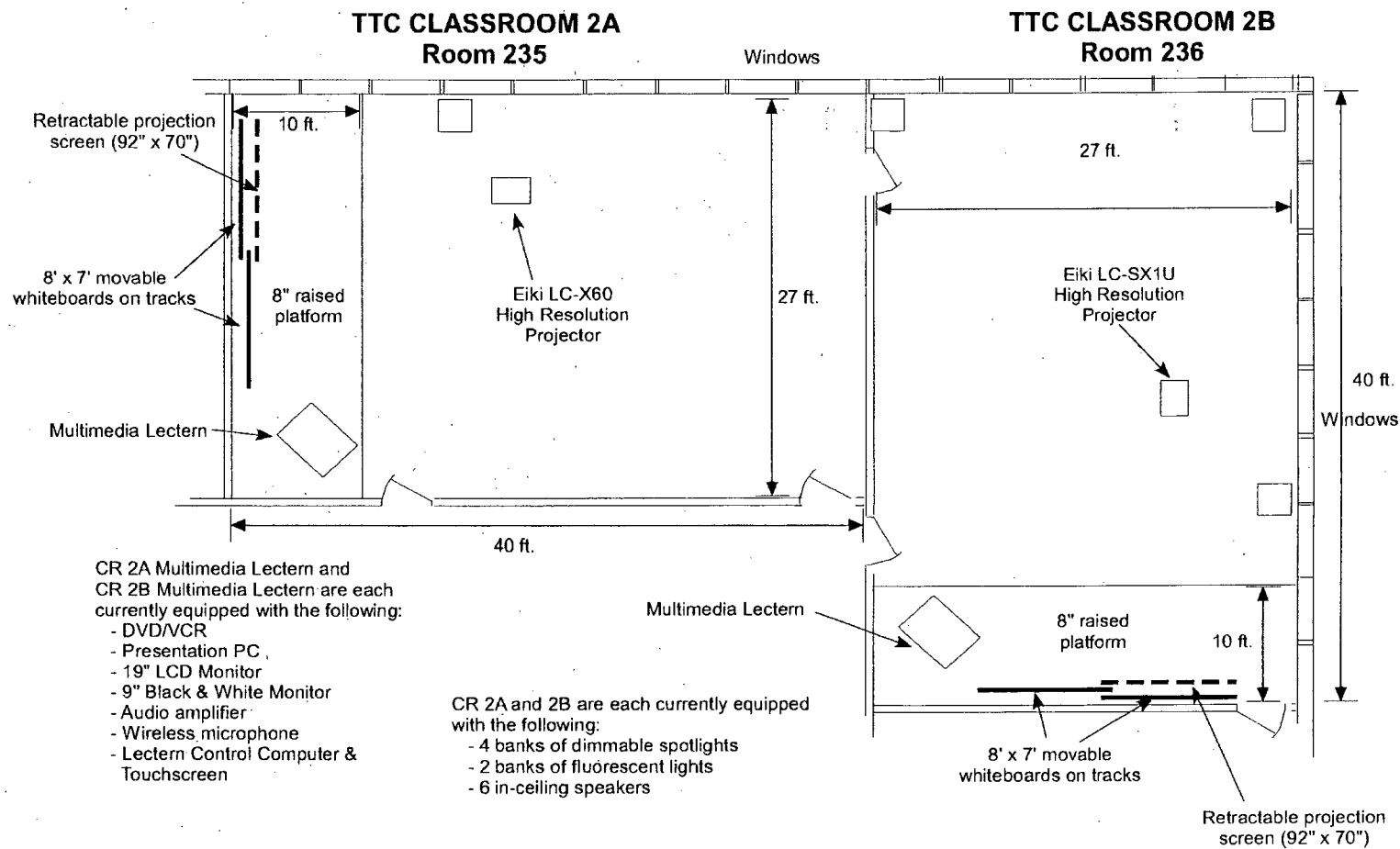
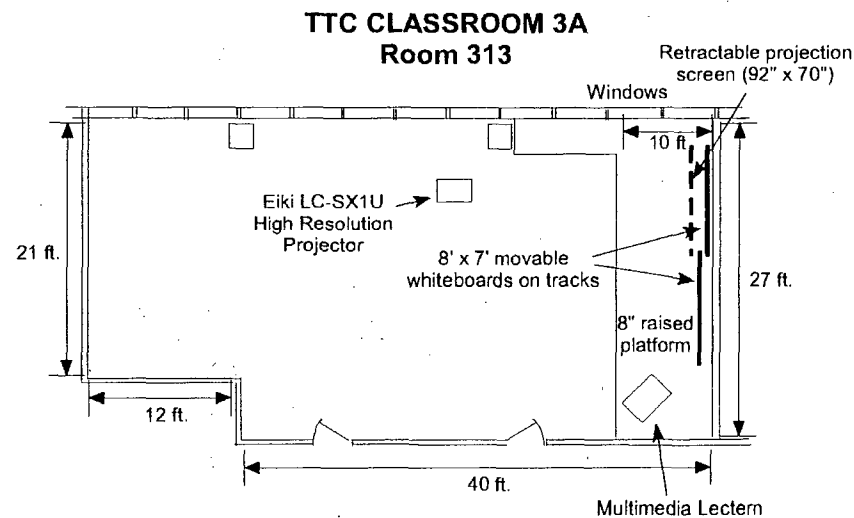
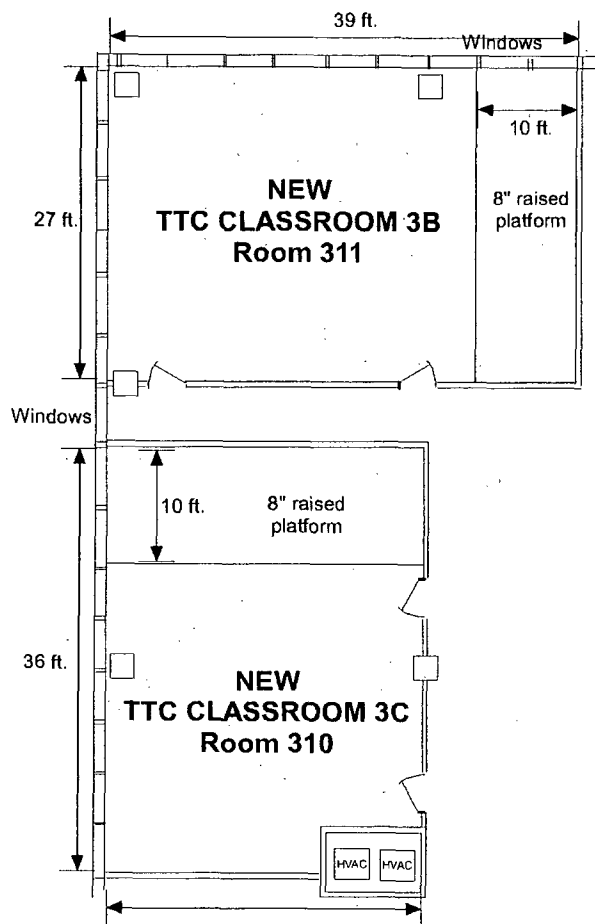


Figure 2

9/4/09



CR 3A is currently equipped with the following:

- 4 banks of dimmable spotlights
- 2 banks of fluorescent lights
- 6 in-ceiling speakers

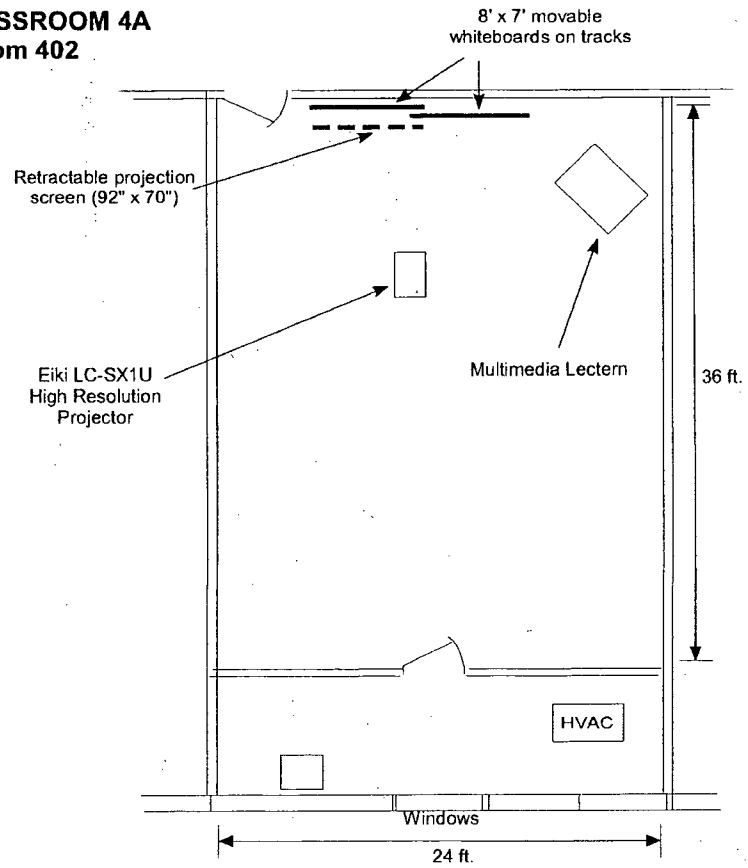
CR 3A Multimedia Lectern is currently equipped with the following:

- DVD/VCR
- Presentation PC
- 19" LCD Monitor
- 9" Black & White Monitor
- Audio amplifier
- Wireless microphone
- Lectern Control Computer & Touchscreen

Figure 3

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**TTC CLASSROOM 4A  
Room 402**



CR 4A Multimedia Lectern is currently equipped with the following:

- DVD/VCR
- Presentation PC
- 19" LCD Monitor
- 9" Black & White Monitor
- Audio amplifier
- Wireless microphone
- Lectern Control Computer & Touchscreen

CR 4A is currently equipped with the following:

- 4 banks of dimmable spotlights
- 2 banks of fluorescent lights
- 6 in-ceiling speakers

**Figure 4**

## SECTION D – CONTRACT CLAUSES

### D.1 52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS--COMMERCIAL ITEMS (AUG 2009)

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses, which are incorporated in this contract by reference, to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)).

Alternate I (AUG 2007) of 52.222-50 (22 U.S.C. 7104 (g)).

(2) 52.233-3, Protest After Award (Aug 1996) (31 U.S.C. 3553).

(3) 52.233-4, Applicable Law for Breach of Contract Claim (Oct 2004) (Pub. L. 108-77, 108-78)

(b) The Contractor shall comply with the FAR clauses in this paragraph (b) that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

☒ (1) 52.202-1, Definitions (Jul 2004)

☒ (2) 52.203-5, Covenant Against Contingent Fees (APR 1984)

☒ (3) 52.203-6, Restrictions on Subcontractor Sales to the Government (Sept 2006), with Alternate I (Oct 1995) (41 U.S.C. 253g and 10 U.S.C. 2402).

☒ (5) 52.203-7 Anti-Kickback Procedures (Jul 1995)

☐ (6) 52.203-13, Contractor Code of Business Ethics and Conduct (DEC 2008)(Pub. L. 110-252, Title VI, Chapter 1 (41 U.S.C. 251 note)).

☐ (7) 52.203-15, Whistleblower Protections under the American Recovery and Reinvestment Act of 2009 (MAR 2009) (Section 1553 of Pub. L. 111-5). (Applies to contracts funded by the American Recovery and Reinvestment Act of 2009.)

☐ (8) 52.204-11, American Recovery and Reinvestment Act-Reporting Requirements (MAR 2009) (Pub. L. 111-5).

☒ (9) 52.216-24, Limitation of Government Liability (APR 1984)

☒ (10) 52.216-25, Contract Definitization (OCT 1997)

☐ (11) 52.219-3, Notice of Total HUBZone Set-Aside (Jan 1999) (15 U.S.C. 657a).

☐ (12) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (July 2005) (if the offeror elects to waive the preference, it shall so indicate in its offer) (15 U.S.C. 657a).

☐ (13) [Reserved]

☒ (14)(i) 52.219-6, Notice of Total Small Business Set-Aside (June 2003) (15 U.S.C. 644).

- ☐ (ii) Alternate I (Oct 1995) of 52.219-6.
- ☐ (iii) Alternate II (Mar 2004) of 52.219-6.
- ☐ (15)(i) 52.219-7, Notice of Partial Small Business Set-Aside (June 2003) (15 U.S.C. 644).
- ☐ (ii) Alternate I (Oct 1995) of 52.219-7.
- ☐ (iii) Alternate II (Mar 2004) of 52.219-7.
- ☒ (16) 52.219-8, Utilization of Small Business Concerns (May 2004) (15 U.S.C. 637(d)(2) and (3)).
- ☐ (17)(i) 52.219-9, Small Business Subcontracting Plan (APR 2008) (15 U.S.C. 637(d)(4)).
- ☐ (ii) Alternate I (Oct 2001) of 52.219-9.
- ☐ (iii) Alternate II (Oct 2001) of 52.219-9.
- ☒ (18) 52.219-14, Limitations on Subcontracting (Dec 1996) (15 U.S.C. 637(a)(14)).
- ☐ (19) 52.219-16, Liquidated Damages--Subcontracting Plan (Jan 1999) (15 U.S.C. 637(d)(4)(F)(i)).
- ☐ (20)(i) 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns (OCT 2008) (10 U.S.C. 2323) (if the offeror elects to waive the adjustment, it shall so indicate in its offer.)
- ☐ (ii) Alternate I (June 2003) of 52.219-23.
- ☐ (21) 52.219-25, Small Disadvantaged Business Participation Program--Disadvantaged Status and Reporting (APR 2008) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).
- ☐ (22) 52.219-26, Small Disadvantaged Business Participation Program--Incentive Subcontracting (Oct 2000) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).
- ☐ (23) 52.219-27, Notice of Total Service-Disabled Veteran-Owned Small Business Set-Aside (May 2004) (15 U.S.C. 657 f).
- ☒ (24) 52.219-28, Post Award Small Business Program Representation (APR 2009) (15 U.S.C. 632(a)(2)).
- ☒ (25) 52.222-3, Convict Labor (June 2003) (E.O. 11755).
- ☒ (26) 52.222-19, Child Labor--Cooperation with Authorities and Remedies (AUG 2009) (E.O. 13126).
- ☒ (27) 52.222-21, Prohibition of Segregated Facilities (Feb 1999).
- ☒ (28) 52.222-26, Equal Opportunity (Mar 2007) (E.O. 11246).
- ☒ (29) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sept 2006) (38 U.S.C. 4212).
- ☒ (30) 52.222-36, Affirmative Action for Workers with Disabilities (Jun 1998) (29 U.S.C. 793).

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- [X] (31) 52.222-37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sept 2006) (38 U.S.C. 4212).
- [X] (32) 52.222-39, Notification of Employee Rights Concerning Payment of Union Dues or Fees (Dec 2004) (E.O. 13201).
- [ ] (33) 52.222-54, Employment Eligibility Verification (Jan 2009). (Executive Order 12989). (Not applicable to the acquisition of commercially available off-the-shelf items or certain other types of commercial items as prescribed in 22.1803.)
- [ ] (34)(i) 52.223-9, Estimate of Percentage of Recovered Material Content for EPA-Designated Items (May 2008) (42 U.S.C. 6962(c)(3)(A)(ii)). (Not applicable to the acquisition of commercially available off-the-shelf items.)
- [ ] (ii) Alternate I (MAY 2008) of 52.223-9 (42 U.S.C. 6962(i)(2)(C)). (Not applicable to the acquisition of commercially available off-the-shelf items.)
- [ ] (35) 52.223-15, Energy Efficiency in Energy-Consuming Products (DEC 2007)(42 U.S.C. 8259b).
- [ ] (36)(i) 52.223-16, IEEE 1680 Standard for the Environmental Assessment of Personal Computer Products (DEC 2007) (E.O. 13423).
- [ ] (ii) Alternate I (DEC 2007) of 52.223-16.
- [X] (37) 52.225-1, Buy American Act--Supplies (FEB 2009) (41 U.S.C. 10a-10d).
- [ ] (38)(i) 52.225-3, Buy American Act--Free Trade Agreements-- Israeli Trade Act (JUN 2009) (41 U.S.C. 10a-10d, 19 U.S.C. 3301 note, 19 U.S.C. 2112 note, 19 U.S.C. 3805 note, Pub. L. 108-77, 108-78, 108-286, 108-302, 109-53 and 109-169, 109-283, and 110-138).
- [ ] (ii) Alternate I (Jan 2004) of 52.225-3.
- [ ] (iii) Alternate II (Jan 2004) of 52.225-3.
- [ ] (39) 52.225-5, Trade Agreements (AUG 2009) (19 U.S.C. 2501, et seq., 19 U.S.C. 3301 note).
- [X] (40) 52.225-13, Restrictions on Certain Foreign Purchases (JUN 2008) (E.O.'s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).
- [ ] (41) 52.226-4, Notice of Disaster or Emergency Area Set-Aside (Nov 2007) (42 U.S.C. 5150).
- [ ] (42) 52.226-5, Restrictions on Subcontracting Outside Disaster or Emergency Area (Nov 2007) (42 U.S.C. 5150).
- [X] (43) 52.232-29, Terms for Financing of Purchases of Commercial Items (Feb 2002) (41 U.S.C. 255(f), 10 U.S.C. 2307(f)).
- [ ] (44) 52.232-30, Installment Payments for Commercial Items (Oct 1995) (41 U.S.C. 255(f), 10 U.S.C. 2307(f)).
- [ ] (45) 52.232-33, Payment by Electronic Funds Transfer--Central Contractor Registration (Oct 2003) (31 U.S.C. 3332).



☐ (46) 52.232-34, Payment by Electronic Funds Transfer--Other than Central Contractor Registration (May 1999) (31 U.S.C. 3332).

☐ (47) 52.232-36, Payment by Third Party (May 1999) (31 U.S.C. 3332).

☐ (48) 52.239-1, Privacy or Security Safeguards (Aug 1996) (5 U.S.C. 552a).

☒ (49) 52.243-1, Changes – Fixed Price

☒ (50) 52.244-6 Subcontracts for Commercial Items

☐ (51)(i) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Feb 2006) (46 U.S.C. Appx. 1241(b) and 10 U.S.C. 2631).

☐ (ii) Alternate I (Apr 2003) of 52.247-64.

(c) The Contractor shall comply with the FAR clauses in this paragraph (c), applicable to commercial services, that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

☒ (1) 52.222-41, Service Contract Act of 1965 (Nov 2007) (41 U.S.C. 351, et seq.).

☐ (2) 52.222-42, Statement of Equivalent Rates for Federal Hires (May 1989) (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).

☐ (3) 52.222-43, Fair Labor Standards Act and Service Contract Act--Price Adjustment (Multiple Year and Option Contracts) (Nov 2006) (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).

☐ (4) 52.222-44, Fair Labor Standards Act and Service Contract Act--Price Adjustment (Feb 2002) (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).

☐ (5) 52.222-51, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Requirements (Nov 2007) (41 U.S.C. 351, et seq.).

☐ (6) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services--Requirements (FEB 2009) (41 U.S.C. 351, et seq.).

☐ (7) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations. (MAR 2009)(Pub. L. 110-247)

☐ (8) 52.237-11, Accepting and Dispensing of \$1 Coin (SEP 2008) (31 U.S.C. 5112(p)(1)).

(d) Comptroller General Examination of Record. The Contractor shall comply with the provisions of this paragraph (d) if this contract was awarded using other than sealed bid, is in excess of the simplified acquisition threshold, and does not contain the clause at 52.215-2, Audit and Records--Negotiation.

(1) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to and right to examine any of the Contractor's directly pertinent records involving transactions related to this contract.

(2) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall

be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require the Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

(e)(1) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c), and (d) of this clause, the Contractor is not required to flow down any FAR clause, other than those in this paragraph (e)(1) in a subcontract for commercial items. Unless otherwise indicated below, the extent of the flow down shall be as required by the clause--

(i) 52.203-13, Contractor Code of Business Ethics and Conduct (DEC 2008) (Pub. L. 110-252, Title VI, Chapter 1 (41 U.S.C. 251 note)).

(ii) 52.219-8, Utilization of Small Business Concerns (May 2004) (15 U.S.C. 637(d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$550,000 (\$1,000,000 for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(iii) [Reserved]

(iv) 52.222-26, Equal Opportunity (Mar 2007) (E.O. 11246).

(v) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sept 2006) (38 U.S.C. 4212).

(vi) 52.222-36, Affirmative Action for Workers with Disabilities (June 1998) (29 U.S.C. 793).

(vii) 52.222-39, Notification of Employee Rights Concerning Payment of Union Dues or Fees (Dec 2004) (E.O. 13201).

(viii) 52.222-41, Service Contract Act of 1965 (Nov 2007) (41 U.S.C. 351, et seq.).

(ix) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)).

Alternate I (AUG 2007) of 52.222-50 (22 U.S.C. 7104(g)).

(x) 52.222-51, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Requirements "(Nov 2007)" (41 U.S.C. 351, et seq.).

(xi) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services-Requirements (FEB 2009)(41 U.S.C. 351, et seq.).

(xii) 52.222-54, Employee Eligibility Verification (JAN 2009)

(xiii) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations. (MAR 2009)(Pub. L. 110-247). Flow down required in accordance with paragraph (e) of FAR clause 52.226-6.

(xiv) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Feb 2006) (46 U.S.C. Appx. 1241(b) and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64.

(2) While not required, the contractor may include in its subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

**D. 2 52.217-7 OPTION FOR INCREASED QUANTITY – SEPARATELY PRICED LINE ITEM  
(MAR 1989)**

The Government may require the delivery of the numbered line item, identified in the Schedule as an option item, in the quantity and at the price stated in the Schedule. The Contracting Officer may exercise the option by written notice to the Contractor within 30 days. Delivery of added items shall continue at the same rate that like items are called for under the contract, unless the parties otherwise agree.

**D.3 52.217-8 OPTION TO EXTEND SERVICES (NOV 1999)**

The Government may require continued performance of any services within the limits and at the rates specified in the contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. The option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The Contracting Officer may exercise the option by written notice to the Contractor within 60 days.

**D.4 52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000)**

(a) The Government may extend the term of this contract by written notice to the Contractor within 60 days; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least days before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed one (1) year.

**D.5 WHISTLEBLOWER PROTECTION FOR NRC CONTRACTOR AND SUBCONTRACTOR  
EMPLOYEES (JULY 2006)**

(a) The U.S. Nuclear Regulatory Commission (NRC) contractor and its subcontractor are subject to the Whistleblower Employee Protection public law provisions as codified at 42 U.S.C. 5851. NRC contractor(s) and subcontractor(s) shall comply with the requirements of this Whistleblower Employee Protection law, and the implementing regulations of the NRC and the Department of Labor (DOL). See, for example, DOL Procedures on Handling Complaints at 29 C.F.R. Part 24 concerning the employer obligations, prohibited acts, DOL procedures and the requirement for prominent posting of notice of Employee Rights at Appendix A to Part 24.

(b) Under this Whistleblower Employee Protection law, as implemented by regulations, NRC contractor and subcontractor employees are protected from discharge, reprisal, threats, intimidation, coercion, blacklisting or other employment discrimination practices with respect to compensation, terms, conditions or privileges of their employment because the contractor or subcontractor employee(s) has provided notice to the employer, refused to engage in unlawful practices, assisted in proceedings or testified on activities concerning alleged violations of the Atomic Energy Act of 1954 (as amended) and the Energy Reorganization Act of 1974 (as amended).

(c) The contractor shall insert this or the substance of this clause in any subcontracts involving work performed under this contract.

**SECTION E - CONTRACT DOCUMENTS, EXHIBITS, OR ATTACHMENTS**

1. Attachment II - Fixed Price Billing Instructions

ATTACHMENT I

**BILLING INSTRUCTIONS FOR  
FIXED PRICE CONTRACTS (JUNE 2008)**

General: During performance and through final payment of this contract, the contractor is responsible for the accuracy and completeness of data within the Central Contractor Registration (CCR) database and for any liability resulting from the Government's reliance on inaccurate or incomplete CCR data.

The contractor shall prepare vouchers/invoices as prescribed herein. FAILURE TO SUBMIT VOUCHERS/INVOICES IN ACCORDANCE WITH THESE INSTRUCTIONS WILL RESULT IN REJECTION OF THE VOUCHER/INVOICE AS IMPROPER.

Form: Claims shall be submitted on the payee's letterhead, voucher/invoice, or on the Government's Standard Form 1034, "Public Voucher for Purchases and Services Other than Personal," and Standard Form 1035, "Public Voucher for Purchases Other than Personal--Continuation Sheet."

Number of Copies: A signed original shall be submitted. If the voucher/invoice includes the purchase of any property with an initial acquisition cost of \$50,000 or more, a copy of the signed original is also required.

Designated Agency Billing Office: The preferred method of submitting vouchers/invoices is electronically to the Department of the Interior at [NRCPayments@nbc.gov](mailto:NRCPayments@nbc.gov)

If the voucher/invoice includes the purchase of any property with an initial acquisition cost of \$50,000 or more, a copy of the signed original shall be electronically sent to: [Property@nrc.gov](mailto:Property@nrc.gov)

However, if you submit a hard-copy of the voucher/invoice, it shall be submitted to the following address:

Department of the Interior  
National Business Center  
Attn: Fiscal Services Branch - D2770  
7301 West Mansfield Avenue  
Denver, CO 80235-2230

If you submit a hard-copy of the voucher/invoice and it includes the purchase of any property with an initial acquisition cost of \$50,000 or more, a copy of the signed original shall be mailed to the following address:

U.S. Nuclear Regulatory Commission  
NRC Property Management Officer  
Mail Stop: O-4D15  
Washington, DC 20555-0001

HAND-CARRIED SUBMISSIONS WILL NOT BE ACCEPTED

Agency Payment Office: Payment will continue to be made by the office designated in the contract in Block 12 of the Standard Form 26, Block 25 of the Standard Form 33, or Block 18a. of the Standard Form 1449, whichever is applicable.

Frequency: The contractor shall submit a voucher/invoice only after the NRC's final acceptance of services rendered or products delivered in performance of the contract unless otherwise specified in the contract.

Preparation and Itemization of the Voucher/Invoice: The voucher/invoice shall be prepared in ink or by typewriter (without strike-overs). Corrections or erasures must be initialed. To be considered a proper voucher/invoice, all of the following elements must be included:

1. Contractor's Data Universal Number (DUNS) or DUNS+4 number that identifies the contractor's name and address. The DUNS+4 number is the DUNS number plus a 4-character suffix that may be assigned at the

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discretion of the contractor to identify alternative Electronic Funds Transfer (EFT) accounts for the same parent concern.

2. Contract number.
3. Sequential voucher/invoice number.
4. Date of voucher/invoice.
5. Payee's name and address. Show the name of the Payee as it appears in the contract and its correct address. If the Payee assigns the proceeds of this contract as provided for in the assignment of claims terms of this contract, the Payee shall require as a condition of any such assignment, that the assignee shall register separately in the Central Contractor Registration (CCR) database at <http://www.ccr.gov> and shall be paid by EFT in accordance with the terms of this contract. See Federal Acquisition Regulation 52.232-33(g) Payment by Electronic Funds Transfer - Central Contractor Registration (October 2003).
6. A description of articles or services, quantity, unit price, and total amount.
7. For contractor acquired property, list each item with an initial acquisition cost of \$50,000 or more and provide: (1) an item description, (2) manufacturer, (3) model number, (4) serial number, (5) acquisition cost, (6) date of purchase, and (7) a copy of the purchasing document.
8. Weight and zone of shipment, if shipped by parcel post.
9. Charges for freight or express shipments. Attach prepaid bill if shipped by freight or express.
10. Instructions to consignee to notify the Contracting Officer of receipt of shipment.
11. For Indefinite Delivery contracts or contracts under which progress payments are authorized, the final voucher/invoice shall be marked "FINAL VOUCHER" OR "FINAL INVOICE."

Currency: Billings may be expressed in the currency normally used by the contractor in maintaining his accounting records and payments will be made in that currency. However, the U.S. dollar equivalent for all vouchers/invoices paid under the contract may not exceed the total U.S. dollars authorized in the contract.

Supersession: These instructions supersede any previous billing instructions.