

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. Contract Number	Page of Pages 1 10	
2. Amendment/Modification Number 0001 1	3. Effective Date 11/23/2007	4. Requisition/Purchase Request No. DCFL-2008-R-7001	5. Solicitation Caption RFID		
6. Issued By: Office of Contracting and Procurement Information Technology Group 441 4th Street, NW, Suite 971 North Washington, DC 20001		Code	7. Administered By (If other than line 6)		
8. Name and Address of Contractor (No. Street, city, country, state and ZIP Code)			(X)	9A. Amendment of Solicitation No. DCFL-2008-R-7001	
				9B. Dated (See Item 11) 11/8/2007	
				10A. Modification of Contract/Order No.	
				10B. Dated (See Item 13)	
Code	Facility				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input checked="" type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or fax which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE 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 letter or fax, provided each letter or telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. Accounting and Appropriation Data (If Required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14					
(X)	A. This change order is issued pursuant to: (Specify Authority) The changes set forth in Item 14 are made in the contract/order no. in item 10A.				
	B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) set forth in item 14, pursuant to the authority of 27 DCMR, Chapter 36, Section 3601.2.				
	C. This supplemental agreement is entered into pursuant to authority of: Clause No# 15 Entitles Changes				
	D. Other (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.					
14. Description of amendment/modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)					
a. The purpose of this amendment is to respond to questions asked before and after the pre proposal conference dated November 15, 2007. See attached documents.					
Except as provided herein, all terms and conditions of the document referenced in Item (9A or 10A) remain unchanged and in full force and effect					
15A. Name and Title of Signer (Type or print)			16A. Name of Contracting Officer William Sharp		
15B. Name of Contractor		15C. Date Signed	16B. District of Columbia		16C. Date Signed 11/23/2007
(Signature of person authorized to sign)			(Signature of Contracting Officer)		

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C.1.1.17 Time of Arrival: A measurement of when the RF signal arrives at a receiving antenna, in units of one billionth of one second or less, that is unaffected by signal strength or attenuated variations of signal strength.

CHANGE TO:

C.1.1.17 Not Used

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C.3.1.9 The Contractor's RFID system shall utilize a dedicated Ethernet LAN with TCP/IP protocol that must lend itself to integration with other DOC systems, such as Offender Management System, Logician, Video Surveillance, and Inmate Telephone system). All exterior and interior exposed conduits must be rigid steel conduit. All electrical power circuits for field devices (i.e. sensors, data collectors, etc.) must be fed from the nearest emergency power panel. Tapping into power from existing lighting and equipment circuits is not acceptable. The Contractor shall state the number of transmitters the system will allow to be operating within the same geographical area (Further specified in Section L.2.1.12).

CHANGE TO:

C.3.1.9 The Contractor's RFID system shall lend itself to integration with other DOC systems, such as Offender Management System, Logician, Video Surveillance, and Inmate Telephone system). All exterior and interior exposed conduits if used for RFID system installation shall be rigid steel conduit. All electrical power circuits for field devices (i.e. sensors, data collectors, etc.) must be fed from the nearest emergency power panel. Tapping into power from existing lighting and equipment circuits is not acceptable. The Contractor shall state the number of transmitters the system will allow to be operating within the same geographical area (Further specified in Section L.2.1.12).

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C.3.3.1 Automated Tracking - The Contractor shall insure that its RFID system will individually identify and locate an inmate and employee anywhere inside the CDF perimeter. To reduce response time, DOC requires X-Y coordinate position reporting (depicting the coordinate position within an area that is occupied by an individual), not area or zone location or RF signal strength estimates. Further, DOC desires to know, in

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an alarm or emergency condition, the identity and location of other staff members on duty and the identity of inmates in the vicinity of the alarm; and will track the event and those involved until closed by the operator.

CHANGE TO:

C.3.3.1 Automated Tracking - The Contractor shall insure that its RFID system will individually identify and accurately locate an inmate and employee anywhere inside the CDF perimeter. To reduce response time, DOC requires accurate coordinate position reporting. Further, DOC desires to know, in an alarm or emergency condition, the identity and location of other staff members on duty and the identity of inmates in the vicinity of the alarm; and will track the event and those involved until closed by the operator.

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C.3.4.2 The transmitter shall be capable of automatically sending a person down signal if the wearer falls and orients the device 60 degrees or less from horizontal. The device must provide the means for the wearer to temporarily disable the feature for not more than 60 seconds and, at the end of that time, the feature automatically becomes operational again. The disable program shall not disable the feature if it senses itself in a down condition. The device shall provide an intermittent audible warning that a person down alarm is pending for ten (10) seconds. After ten (10) seconds, if the condition is not corrected, the alarm signal is sent and an alarm tone is generated for a minimum of ten (10) seconds. The entire person down feature must be able to be disabled, if desired. The transmitter shall be capable of recognizing that it has been forcibly removed from the wearer by using its belt clasp, or other means for staff not wearing a belt secured device, as a physical attachment to the wearer, which shall send an alarm signal when removed without authorization. The alarm signal shall be sent and an alarm tone generated for a minimum of ten (10) seconds. All transmitted alarm signals, once activated, shall continuously transmit a minimum of 20 signals over a minimum period of ten (10) seconds.

CHANGE TO:

C.3.4.2 The transmitter shall be capable of automatically sending a person down signal if the wearer falls and orients the device 60 degrees or less from horizontal. The device must provide the means for the wearer to temporarily disable the feature for not more than 60 seconds and, at the end of that time, the feature automatically becomes operational again. The disable program shall not disable the feature if it senses itself in a down condition. The device shall provide an intermittent audible warning that a person down alarm is pending for ten (10) seconds. After ten (10) seconds, if the condition is not corrected, the alarm signal is sent and an alarm tone is generated for a minimum of ten

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(10) seconds. The entire person down feature must be able to be disabled, if desired. The transmitter shall be capable of recognizing that it has been forcibly removed from the wearer by using its belt clasp, or other means for staff not wearing a belt secured device, as a physical attachment to the wearer, which shall send an alarm signal when removed without authorization. The alarm signal shall be sent and an alarm tone generated for a minimum of ten (10) seconds. All transmitted alarm signals, once activated, shall continuously transmit a minimum of 20 signals over a minimum period of ten (10) seconds. The vendor's RFID system must have a 'person down' feature – this is a critical security operational requirement. The reaction times mentioned above reflect the criticality of correctional environment, if the vendor's RFID system parameters for 'person down' feature don't match with the ones mentioned above, please provide details in your proposal.

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C.3.4.3 The transmitter shall automatically test the battery condition, under power load, and determine that a minimum of 48 hours of battery life still remains. If the device determines that there is a low battery condition, a low battery signal is transmitted by the device. The transmitter shall have the capability to confirm, to the wearer, that it is fully functional. A self-test function button shall allow the wearer to activate the unit and send a signal to a receiver/reader, which shall confirm operation. Each transmitter must have an easily accessible bar code label or other electronic verification means.

CHANGE TO:

C.3.4.3 The transmitter shall automatically test the battery condition, under power load, and determine that a minimum of at least 48 hours of battery life still remains. If the device determines that there is a low battery condition, a low battery signal is transmitted by the device. The transmitter shall have the capability to confirm, to the wearer, that it is fully functional. A self-test function button shall allow the wearer to activate the unit and send a signal to a receiver/reader, which shall confirm operation. Each transmitter must have an easily accessible bar code label or other electronic verification means.

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C.3.4.5.3 Transmitter Signal Outputs: The Contractor's RFID system shall be capable of sending a minimum of five (5) unique signals to the facility infrastructure. The identification and location supervisory signal shall be transmitted periodically. The time

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interval between transmissions shall be programmable. Each transmitter must be able to transmit in a minimum of two-second intervals. All transmitted alarm signals, once activated, shall continuously transmit 2 signals every one (1) second. The transmitter shall automatically test the battery condition, under power load, and determine that a minimum of 48 hours of battery life still remains. If the device determines that there is a low battery condition a low battery signal shall be transmitted by the device. Each transmitter shall have a bar code label or another identification means attached in such a way that it is tamper resistant and protected from normal wear and tear for the life of the device.

CHANGE TO:

C.3.4.5.3 Transmitter Signal Outputs: Each transmitter shall have a bar code label or another identification means attached in such a way that it is tamper resistant and protected from normal wear and tear for the life of the device.

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C.3.4.5.4 The Contractor's RFID system transmitter shall be designed for comfort, permanent long-time wearing, cleaning and utilize hypoallergenic materials. The physical size of the device should not exceed .95" high, 2.40" long and 1.9" wide nominally curved around wrist or ankle. The weight of the device including the strap, connectors, and battery should not exceed three (3) ounces. Actual size and weight of devices shall be outlined in proposal. The device must be water resistant and must withstand conditions expected in a correctional facility. It shall also be resistant to soap, soap residue, body fluids, skin oils, lotions, and chemical products utilized in a correctional facility. The device shall be designed for shock resistance and must operate while the wearers endure extraordinary conditions such as heavy work, wrestling, banging into walls and fist fighting. Breakage of band due to force shall not damage the reusable portion of the device. Once installed, the device shall resist and detect tampering or removal. Wrist mounting straps shall not stretch more than 1% without breaking or activating a tamper detection circuit.

CHANGE TO:

C.3.4.5.4 The Contractor's RFID system transmitter shall be designed for comfort, permanent long-time wearing, cleaning and utilize hypoallergenic materials. The weight of the device including the strap, connectors, and battery should be as light as possible. Actual size and weight of devices shall be outlined in proposal. The device must be water

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resistant and must withstand conditions expected in a correctional facility. It shall also be resistant to soap, soap residue, body fluids, skin oils, lotions, and chemical products utilized in a correctional facility. The device shall be designed for shock resistance and must operate while the wearers endure extraordinary conditions such as heavy work, wrestling, banging into walls and fist fighting. Breakage of band due to force shall not damage the reusable portion of the device. Once installed, the device shall resist and detect tampering or removal. Wrist mounting straps shall not stretch more than 1% without breaking or activating a tamper detection circuit.

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C.3.4.5.5 The Contractor's RFID system transmitter straps shall be adjustable to insure a close fit to prevent removal. The straps should be designed for reuse when removed by authorities and they determine that the band is in good condition. Straps shall not break under the daily cleaning or normal environment of the inmate population. The battery should have an operational life of greater than 12 months considering up to one (1) week of shelf inventory with battery installed, a transmission interval of two (2) seconds, not in an active alarm state, and not more than one (1) alarm per week. The battery must be field replaceable but not accessible once installed on the wrist or ankle of an inmate.

CHANGE TO:

C.3.4.5.5 The Contractor's RFID system transmitter straps shall be adjustable to insure a close fit to prevent removal. The straps should be designed for reuse when removed by authorities and they determine that the band is in good condition. Straps shall not break under the daily cleaning or normal environment of the inmate population. The battery if used in tags should have a long operational life (vendors to provide details in their proposal). The battery must be field replaceable but not accessible once installed on the wrist or ankle of an inmate.

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C.3.8.1 The Contractor's RFID system shall use the DOC computers to perform the functions of enrollment, de-enrollment, ingress and egress using a bar code scanner. The RFID system shall provide the means of accomplishing the following actions within the time requirements of the following table:

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Action	Subject	Time Per Person	Includes
Enrolling	Staff	30 seconds	Selecting, scanning, & testing the unit, and selecting the name to assign to.
De-enrolling	Staff	30 seconds	Scanning the unit and storing it.
Egressing or Ingressing	Staff Inmates	30 seconds	Scanning the unit, verifying the wearer, and entering return time information.
Enrolling	Inmates	8 minutes	Selecting, scanning, installing, sizing, & fully testing the unit, and selecting the name to assign.
De-enrolling	Inmates	5 minutes	Scanning, uninstalling, and cleaning for reuse.

CHANGE TO:

C.3.8.1 The Contractor's RFID system shall use the DOC computers to perform the functions of enrollment, de-enrollment, ingress and egress using a bar code scanner. The RFID system shall provide the means of accomplishing the following actions within the time requirements* of the following table:

Action	Subject	Time Per Person	Includes
Enrolling	Staff	30 seconds	Selecting, scanning, & testing the unit, and selecting the name to assign to.
De-enrolling	Staff	30 seconds	Scanning the unit and storing it.
Egressing or Ingressing	Staff Inmates	30 seconds	Scanning the unit, verifying the wearer, and entering return time information.
Enrolling	Inmates	8 minutes	Selecting, scanning, installing, sizing, & fully testing the unit, and selecting the name to assign.
De-enrolling	Inmates	5 minutes	Scanning, uninstalling, and cleaning for reuse.

* The performance time requirements highlighted in table below are indicative of corrections operation. If the vendor's RFID system parameters for above actions differ from the ones mentioned in the table, please provide details in the proposal.

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<p>5. Subjects must be tracked by their X-Y Coordinate Position only, not by area or RF signal strength computation, on a continuous basis, as defined by RFID transmissions, at a minimum of every two seconds. All Tags (up to 2,500) must be transmitting at 2 second or less intervals, all without causing false alarms due to RF signal conflicts. Any Tag not reporting in or being heard by the system within 60 seconds must create a missing Subject alarm.</p>	<p>X</p>
<p>6. Batteries of all RF Tags must be rechargeable at the Central Detention Facility. Inmate worn Tags must have a minimum of 60 days on a single charge and staff worn Tags a minimum of 72 hours of use.</p>	<p>X</p>

CHANGE TO:

<p>5. Subjects must be tracked by their X-Y Coordinate Position on a continuous basis, as defined by RFID transmissions, at a minimum of every two seconds. All Tags (up to 2,500) must be transmitting at 2 second or less intervals, all without causing false alarms due to RF signal conflicts. Any Tag not reporting in or being heard by the system within 60 seconds must create a missing subject alarm.</p>	<p>X</p>
<p>6. Batteries of all RF Tags must be rechargeable at the Central Detention Facility.</p>	<p>X</p>

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QUESTIONS FROM PRE PROPOSAL CONFERENCE ARE AS FOLLOW:

1. Which of the Control Rooms is designated as the Primary Control room for the CDF facility?

DOC RESPONSE: COMMAND CENTER ON THE GROUND FLOOR LEVEL AT CDF

2. Please confirm that, as stated in the Pre Bid Conference, that the requirement that the RFID system Transmitters and Receivers must be IEEE 802.11b/g compliant and each RFID Transmitting Tag must be so certified by the FCC?

DOC RESPONSE: YES

3. Please confirm that electronic Auto Cad files will be provided of the CDF to the Vendor who is awarded a contract under this RFP?

DOC RESPONSE: YES

4. The RFP requires integration with the DC DOC Offender Management Software utilized at CDF. The RFP does not specify what level or degree of integration is expected. Based on our experience the primary level of integration would be:

The TSI PRISM system software will be integrated with the DC DOC Jail Management Software (Offender Monitoring System OMS) with the following proposed integration components:

- a. OMS will create a file share for:
 - i. Inmate Names
 - ii. Inmate Identification Numbers
 - iii. Inmate Male/Female Identification
 - iv. Inmate Gang Affiliation
 - v. Inmate Housing Unit
- b. TSI PRISM will:

- i. When an inmate is being enrolled into the TSI PRISM system, following the designated trigger, reaches out to the OMS and secures the above designated information and automatically uploads that information into its data base thus eliminating redundant data entry.
- ii. Scan the files on a regular continuous basis looking for changes to the file such as change of Housing Unit Assignment

Please confirm that this meets your expectation? If it does not, please identify what additional features are desired.

DOC RESPONSE: YES THESE MEETS OUT REQUIREMENTS. THE VENDOR RFID SYSTEM WILL NEED TO CONNECT TO OUR OMS DATABASE AND PULL AND PUSH INMATE INFORMATION FROM THE OMS DATABASE.

5. what is the current version of Oracle being used for the existing jail mgmt system ?

DOC RESPONSE: ORACLE 10G

6. what is the current # of record transactions (number of inmates that are booked in and released) that occur within any given week or monthly period?

DOC RESPONSE: 20,000 PER YEAR