

STATE OF MICHIGAN  
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET  
 PROCUREMENT  
 P.O. BOX 30026, LANSING, MI 48909  
 OR  
 525 W. ALLEGAN, LANSING, MI 48933

**CHANGE NOTICE NO. 5**  
 to  
**CONTRACT NO. 071B9200320**  
 between  
**THE STATE OF MICHIGAN**  
 and

NAME & ADDRESS OF CONTRACTOR:	PRIMARY CONTACT	EMAIL
Radiology Imaging Solutions, Inc. 2600 Miller Ave., NW Grand Rapids, MI 49544-1949	<b>Robert Barkema</b>	robradiologyimaging@earthlink.net
	TELEPHONE	CONTRACTOR #, MAIL CODE
	<b>(616) 363-2192</b>	

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
CONTRACT COMPLIANCE INSPECTOR	DOC	Lia Gulick	517-241-0854	gulickl@michigan.gov
BUYER	DTMB	Melissa Sambiago	517-284-7016	Sambiaiom@michigan.gov

CONTRACT SUMMARY:			
DESCRIPTION: <b>Computerized Imaging System – Department of Corrections</b>			
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
9/15/2009	09/14/2012	2 – one year	03/14/2015
PAYMENT TERMS	F.O.B	SHIPPED	SHIPPED FROM
Net 45 Days	Delivered	60 Days ARO	N/A
ALTERNATE PAYMENT OPTIONS:			AVAILABLE TO MiDEAL PARTICIPANTS
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS:			
One			

DESCRIPTION OF CHANGE NOTICE:				
EXTEND CONTRACT EXPIRATION DATE	EXERCISE CONTRACT OPTION YEAR(S)	EXTENSION BEYOND CONTRACT OPTION YEARS	LENGTH OF OPTION/EXTENSION	EXPIRATION DATE AFTER CHANGE
<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6 months; 16 days	09/30/2015
VALUE/COST OF CHANGE NOTICE:		ESTIMATED REVISED AGGREGATE CONTRACT VALUE:		
\$44,000.00		\$974,261.98		

Effective March 10, 2015, this contract is extended 6 months, 16 days; and is increased by \$44,000.00. The revised contract expiration date is September 30, 2015. Please note the Contract Administrator has been changed to Melissa Sambiago. All other terms, conditions, specifications, and pricing remain the same. Per contractor and agency agreement, DTMB Procurement approval, and State Administrative Board approval on March 10, 2015.



State of Michigan,  
 Department of Management and Budget  
 Purchasing Operations  
 530 W. Allegan Lansing, MI

Page: 1 of 4  
 Effective Date: 03/15/2015  
 Expiration Date: 09/30/2015  
 Quotation: 03152015RSMA

We at Radiology Imaging Solutions, Inc. submit this quotation for your review.

**Extended Service Contract No. 071B9200320 for Radiographic and Digital Imaging Equipment To Be Continued March 15, 2015 Thru September 30, 2015**

**1) Radiographic Equipment (Time and Material Option)**

Includes:

- Service coverage of equipment by trained personnel
- Routine PM's done during normal working hours
- One hour phone response.

Pricing:

Radiographic systems --Routine PM's done one time per year.	\$ 750.00/unit
Service – Hourly service rates 8:00am – 5:00pm M-F	\$ 150.00/hr.
Overtime service – After 5:00pm M-F	\$ 225.00/hr.
Overtime service – Weekends and holidays	\$ 300.00/hr.
Scheduled travel* -- Hourly rates 8:00am – 5:00pm M-F	\$ 100.00/hr.
Emergency travel** -- Hourly rates 8:00am-5:00pm M-F	\$ 150.00/hr.
Overtime travel – Hourly rates after 5:00pm, weekends, & holidays	\$ 300.00/hr
Parts – Billed at 10% discount from manufacturer's prices.	

- \* Scheduled travel is when the customer requests service and it can be arranged at the customer's and serviceman's convenience.
- \*\*Emergency travel is when the customer requests immediate service.

Note: Under our *Customer Care Program* there is no minimum service, or minimum travel charge. If service arrives on site by 2:00pm M-F and runs after 5:00pm no overtime charges would occur.

Note: Radiology Imaging Solutions, Inc. is a factory trained and certified systems dealer

\_\_\_\_\_  
 State of Michigan Agent:

*Robert Whitehead, R.T. (R)*  
 \_\_\_\_\_  
 Radiology Imaging Solution's Agent:

\_\_\_\_\_  
 Title:

*Sales Representative*  
 \_\_\_\_\_  
 Title:

\_\_\_\_\_  
 Start Date:

*March 15, 2015*  
 \_\_\_\_\_  
 Start Date:

*"Leading The Industry Toward Better Healthcare Through Expert Service, Sales, and Technical Support"*



**Radiology Imaging Solutions, Inc.-NHD**  
 Providing Solutions for Medical Imaging  
 2600 Miller Avenue N.W. Grand Rapids, MI 49544  
**1-800-747-1777**  
 www.radiologyimagingolutions.com



**Service Contracts for Radiographic and Digital Imaging Equipment Continued**

**2) Agfa CR-35 Digitizer Equipment Yearly Service Agreement Each of 5 Units**

Includes:

- Agfa CR service contract for (5) Agfa CR units includes all travel and labor via phone or on site
- CR System Mechanical / Electrical Inspection (PMP)
- Preventative maintenance service to the Agfa CR's done quarterly
- This procedure normally takes four hours, and follows complete preventative maintenance guidelines set forth by manufacturer.
- Emergency Service and Travel done during normal working hours
- All Replacements Parts
- Agfa has discontinued the manufacturing of the CR-35 digitizer, parts availability will be at the discretion of Agfa. IF, parts become unavailable to fix CR units to working order a discount/trade value for that CR-35 unit will be applied towards purchase of a new digitizer.

**Note:** Problems caused by abuse, neglect, or acts of God are not covered by service maintenance agreement (SMA) and invoiced by time and material basis.

*State of Michigan yearly cost: \$11,608.00 EACH*  
*Total for all (5 units) for the extended period thru September 30, 2015: \$29,020.00*

**Terms:**

1. Payment required at beginning of contract.
2. Site preparation and interconnecting cables are the responsibility of the customer.
3. Contract service done during normal working hours, Monday through Friday 8 until 5.
4. All applicable taxes and shipping will be additional.
5. Service contract must be signed and payment received prior to March 15, 2015 to be in effect.

\_\_\_\_\_  
 State of Michigan Agent:

*Robert Whitehead, R.T. (R)*  
 \_\_\_\_\_  
 Radiology Imaging Solution's Agent:

\_\_\_\_\_  
 Title:

*Sales Representative*  
 \_\_\_\_\_  
 Title:

\_\_\_\_\_  
 Start Date:

*March 15, 2015*  
 \_\_\_\_\_  
 Start Date:



**Service Contracts for Radiographic and Digital Imaging Equipment Continued**

**3) SoftMedical PACS/Server and Four (4) Facility Gateways:**

**Includes:**

- Same business day on-site hardware service for computer server (PACS only).
- Hardware and Software
- All labor and travel remote or on site
- Upgrades to the SoftMedical PACS Server system and (4) Gateway viewing stations done quarterly.
- *Emergency patches or updates will be preformed via remotely or on site when necessary.*

State of Michigan yearly cost: \$21,925.00

Total for the extended period thru September 30, 2015: \$10,962.50

**Terms:**

1. Payment required at beginning of contract.
2. Site preparation and interconnecting cables are the responsibility of the customer.
3. Contract service done during normal working hours, Monday through Friday 8 until 5.
4. All applicable taxes and shipping will be additional.
5. There is no time and material offered with the SoftMedcial PACS/Server service contract is the only option for support.
6. Service contract must be signed and payment received prior to **March 15, 2015** to be in effect.

\_\_\_\_\_

State of Michigan Agent:

\_\_\_\_\_

Title:

\_\_\_\_\_

Start Date:

*Robert Whitehead, R.T. (R)*

\_\_\_\_\_

Radiology Imaging Solution's Agent:

*Sales Representative*

\_\_\_\_\_

Title:

*March 15, 2015*

\_\_\_\_\_

Start Date:



**Radiology Imaging Solutions, Inc.-NHD**  
 Providing Solutions for Medical Imaging  
 2600 Miller Avenue N.W. Grand Rapids, MI 49544  
**1-800-747-1777**  
**www.radiologyimagingolutions.com**



**Service Contracts for Radiographic and Digital Imaging Equipment Continued**

**4) Agfa Drystar 5302 Laser Printer (Time and Material Option) 2 units**

Laser Service Includes:

- Service coverage
- Routine PM's done during normal working hours
- One hour phone response, 4 hour on site response

Pricing:

Agfa Dry Imager Systems -- Routine PM's done one per year.	\$ 500.00/unit
Service – Hourly service rates 8:00am – 5:00pm M-F	\$ 125.00/hr.
Overtime service – After 5:00pm M-F	\$ 225.00/hr
Overtime service – Weekends and holidays	\$ 350.00/hr.
Scheduled travel* -- Hourly rates 8:00am – 5:00pm M-F	\$ 75.00/hr.
Emergency travel** -- Hourly rates 8:00am-5:00pm M-F	\$ 112.50/hr.
Overtime travel – Hourly rates after 5:00pm, weekends, & holidays	\$ 160.00/hr
Parts – Billed at 15% discount from manufacturer's prices.	

- \* Scheduled travel is when the customer requests service and it can be arranged at the customer and serviceman's convenience.
- \*\*Emergency travel is when the customer requests immediate service.

Note: Under our *Customer Care Program* there is no minimum service, or minimum travel charge. If service arrives on site by 2:00pm M-F and runs after 5:00pm no overtime charges would occur.

For calls outside included hours, there is a minimum charge of 8 hours (4 travel/4 labor)

Note: Radiology Imaging Solutions, Inc. is an Agfa Medical systems dealer. There may be times when Agfa factory service will be called in, for these rare occasions customer will be invoiced directly by Agfa.

_____ State of Michigan Agent:	<i>Robert Whitehead, R.T. (R)</i> _____ Radiology Imaging Solution's Agent:
_____ Title:	<i>Sales Representative</i> _____ Title:
_____ Start Date:	<i>March 15, 2015</i> _____ Start Date:

*"Leading The Industry Toward Better Healthcare Through Expert Service, Sales, and Technical Support"*

STATE OF MICHIGAN  
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET  
 PROCUREMENT  
 P.O. BOX 30026, LANSING, MI 48909  
 OR  
 530 W. ALLEGAN, LANSING, MI 48933

June 23, 2014

**CHANGE NOTICE NO. 4**  
 to  
**CONTRACT NO. 071B9200320**  
 between  
**THE STATE OF MICHIGAN**  
 and

NAME & ADDRESS OF CONTRACTOR:	PRIMARY CONTACT	EMAIL
Radiology Imaging Solutions, Inc. 2600 Miller Ave., NW Grand Rapids, MI 49544-1949	Robert Barkema	robradiologyimaging@earthlink.net
	TELEPHONE	CONTRACTOR #, MAIL CODE
	(616) 363-2192	

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
CONTRACT COMPLIANCE INSPECTOR	MDOC	Lia Gulick	(517) 241-0854	gulickl@michigan.gov
BUYER	DTMB	Yvon Dufour	(517) 284-6996	<a href="mailto:dufour@michigan.gov">dufour@michigan.gov</a>

CONTRACT SUMMARY:			
DESCRIPTION: Computerized Imaging System – Department of Corrections			
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
September 15, 2009	September 14, 2012	Two One-Year Options	September 14, 2014
PAYMENT TERMS	F.O.B	SHIPPED	SHIPPED FROM
Net 45 Days	Delivered	60 Days ARO	N/A
ALTERNATE PAYMENT OPTIONS:			AVAILABLE TO MiDEAL PARTICIPANTS
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS:			
One (1)			

DESCRIPTION OF CHANGE NOTICE:				
EXTEND CONTRACT EXPIRATION DATE	EXERCISE CONTRACT OPTION YEAR(S)	EXTENSION BEYOND CONTRACT OPTION YEARS	LENGTH OF OPTION/EXTENSION	EXPIRATION DATE AFTER CHANGE
<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6 months	March 14, 2015
VALUE/COST OF CHANGE NOTICE:		ESTIMATED REVISED AGGREGATE CONTRACT VALUE:		
\$20,000.00		\$930,261.98		
Effective September 15, 2014, contract is extended for 6 months and increased by \$20,000.00. The new contract end date is March 14, 2015. Please also note that the buyer has been changed to Yvon Dufour.				
All other terms, conditions, specifications and pricing remains unchanged.				
Per agency and vendor agreement and DTMB, Procurement approval.				

STATE OF MICHIGAN  
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET  
 PROCUREMENT  
 P.O. BOX 30026, LANSING, MI 48909  
 OR  
 530 W. ALLEGAN, LANSING, MI 48933

May 30, 2013

**CHANGE NOTICE NO. 3**  
 to  
**CONTRACT NO. 071B9200320**  
 between  
**THE STATE OF MICHIGAN**  
 and

NAME & ADDRESS OF CONTRACTOR:	PRIMARY CONTACT	EMAIL
Radiology Imaging Solutions, Inc. 2600 Miller Ave., NW Grand Rapids, MI 49544-1949	Robert Barkema	robradiologyimaging@earthlink.net
	TELEPHONE	CONTRACTOR #, MAIL CODE
	(616) 363-2192	

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
CONTRACT COMPLIANCE INSPECTOR	MDOC	Lia Gulick	(517) 241-0854	gulickl@michigan.gov
BUYER	DTMB	Sue Cieciva	(517) 373-0301	ciecivas@michigan.gov

CONTRACT SUMMARY:			
DESCRIPTION: Computerized Imaging System – Department of Corrections			
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
September 15, 2009	September 14, 2012	Two One-Year Options	September 14, 2013
PAYMENT TERMS	F.O.B	SHIPPED	SHIPPED FROM
Net 45 Days	Delivered	60 Days ARO	N/A
ALTERNATE PAYMENT OPTIONS:			AVAILABLE TO MiDEAL PARTICIPANTS
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS:			
One (1)			

DESCRIPTION OF CHANGE NOTICE:				
EXTEND CONTRACT EXPIRATION DATE	EXERCISE CONTRACT OPTION YEAR(S)	EXTENSION BEYOND CONTRACT OPTION YEARS	LENGTH OF OPTION/EXTENSION	EXPIRATION DATE AFTER CHANGE
<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	One Year	September 14, 2014
VALUE/COST OF CHANGE NOTICE:		ESTIMATED REVISED AGGREGATE CONTRACT VALUE:		
\$45,000.00		\$910,261.98		

Effective September 15, 2013 the last option year available on this Contract is exercised; therefore the Contract expiration date is hereby CHANGED to September 14, 2014. In addition, this Contract is INCREASED by \$45,000.00.

All other terms, conditions, specifications and pricing remains unchanged.

Per agency request dated May 9, 2013, DTMB, Procurement request dated May 16, 2013, and vendor agreement by email dated May 22, 2013.

STATE OF MICHIGAN  
 DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET  
 PROCUREMENT  
 P.O. BOX 30026, LANSING, MI 48909  
 OR  
 530 W. ALLEGAN, LANSING, MI 48913

**CHANGE NOTICE NO. 2**  
 To  
**CONTRACT NO. 071B9200320**  
 Between

**THE STATE OF MICHIGAN**

And

NAME & ADDRESS OF CONTRACTOR:	PRIMARY CONTACT	EMAIL
Radiology Imaging Solutions, Inc. 2600 Miller Ave. NW Grand Rapids, MI 49544-1949	Robert Barkema	<b>robradiologyimaging@earthlink.net</b>
	TELEPHONE	CONTRACTOR #, MAIL CODE
	616-363-2192 ex3103	

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
CONTRACT COMPLIANCE INSPECTOR:	MDOC	Lia Gulick	517-241-0854	<a href="mailto:GulickL@michigan.gov">GulickL@michigan.gov</a>
BUYER:	DTMB	Sue Cieciva	(517) 373-0301	ciecivas@michigan.com

INITIAL CONTRACT SUMMARY:			
DESCRIPTION: <b>Imaging Equipment-Department of Corrections</b>			
INITIAL TERM	EFFECTIVE DATE	INITIAL EXPIRATION DATE	AVAILABLE OPTIONS
Three Years	October 1, 2009	September 30, 2012	Two, one year
PAYMENT TERMS	F.O.B	SHIPPED	SHIPPED FROM
Firm Fixed Price	Delivered	N/A	N/A
ALTERNATE PAYMENT OPTIONS:			AVAILABLE TO MiDEAL PARTICIPANTS
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
MINIMUM DELIVERY REQUIREMENTS:			
N/A			

DESCRIPTION OF CHANGE NOTICE:	
OPTION EXERCISED: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES	IF YES, NEW EXPIRATION DATE: September 22, 2013
Effective October 1, 2012 the first contract option year is hereby exercised. The contract end date is CHANGED to September 22, 2013. All other conditions, terms and pricing remain the same.	
VALUE/COST OF CHANGE NOTICE:	\$0.00
ESTIMATED AGGREGATE CONTRACT VALUE REMAINS:	\$865,261.98

STATE OF MICHIGAN  
DEPARTMENT OF TECHNOLOGY MANAGEMENT AND BUDGET February 15, 2012  
PROCUREMENT  
P.O. BOX 30026, LANSING, MI 48909  
OR  
530 W. ALLEGAN, LANSING, MI 48933

CHANGE NOTICE NO.1  
TO  
CONTRACT NO. 071B9200320  
between  
THE STATE OF MICHIGAN  
and

NAME & ADDRESS OF CONTRACTOR <b>Radiology Imaging Solutions, Inc.</b> <b>2600 Miller Ave., NW</b> <b>Grand Rapids, MI 49544-1949</b>	TELEPHONE Robert Barkema <b>(616) 363-2192</b>
	CONTRACTOR NUMBER/MAIL CODE
	BUYER/CA (517) 373-0301 <b>Sue Cieciwa</b>
Contract Compliance Inspector: Lia Gulick <b>Imaging Equipment – Department of Corrections</b>	
CONTRACT PERIOD: <b>3 yrs. + 2 one-year options</b> From: <b>September 15, 2009</b> To: <b>September 14, 2012</b>	
TERMS <b>N/A</b>	SHIPMENT <b>N/A</b>
F.O.B. <b>N/A</b>	SHIPPED FROM <b>N/A</b>
MINIMUM DELIVERY REQUIREMENTS <b>N/A</b>	
MISCELLANEOUS INFORMATION:	

**NATURE OF CHANGE(S):**

Effective immediately, the buyer for this contract is hereby **CHANGED** to:

**Sue Cieciwa**  
**Ph: (517) 373-0301**

**AUTHORITY/REASON(S):**

**Per DTMB Procurement**

**TOTAL ESTIMATED CONTRACT VALUE: \$865,262.00**

STATE OF MICHIGAN  
 DEPARTMENT OF MANAGEMENT AND BUDGET  
 PURCHASING OPERATIONS  
 P.O. BOX 30026, LANSING, MI 48909  
 OR  
 530 W. ALLEGAN, LANSING, MI 48933

November 12, 2009

**NOTICE  
 OF  
 CONTRACT NO. 071B9200320  
 between  
 THE STATE OF MICHIGAN  
 and**

NAME & ADDRESS OF CONTRACTOR <b>Radiology Imaging Solutions, Inc.</b> <b>2600 Miller Ave., NW</b> <b>Grand Rapids, MI 49544-1949</b>	TELEPHONE Robert Barkema <b>(616) 363-2192</b>
	CONTRACTOR NUMBER/MAIL CODE
	BUYER/CA (517)241-1647 <b>Irene Pena, Buyer Specialist</b>
Contract Compliance Inspector: Lia Gulick <b>Imaging Equipment – Department of Corrections</b>	
CONTRACT PERIOD: <b>3 yrs. + 2 one-year options</b> From: <b>September 15, 2009</b> To: <b>September 14, 2012</b>	
TERMS <p style="text-align: center;"><b>N/A</b></p>	SHIPMENT <p style="text-align: center;"><b>N/A</b></p>
F.O.B. <p style="text-align: center;"><b>N/A</b></p>	SHIPPED FROM <p style="text-align: center;"><b>N/A</b></p>
MINIMUM DELIVERY REQUIREMENTS <p style="text-align: center;"><b>N/A</b></p>	
MISCELLANEOUS INFORMATION:	

The terms and conditions of this Contract are those of ITB #07119200223, this Contract Agreement and the vendor's quote dated 7/8/2009. In the event of any conflicts between the specifications, and terms and conditions, indicated by the State and those indicated by the vendor, those of the State take precedence.

Estimated Contract Value: \$865,262.00

STATE OF MICHIGAN  
 DEPARTMENT OF MANAGEMENT AND BUDGET  
 PURCHASING OPERATIONS  
 P.O. BOX 30026, LANSING, MI 48909  
 OR  
 530 W. ALLEGAN, LANSING, MI 48933

**CONTRACT NO. 071B9200320**  
**between**  
**THE STATE OF MICHIGAN**  
**and**

NAME & ADDRESS OF CONTRACTOR <b>Radiology Imaging Solutions, Inc.</b> <b>2600 Miller Ave., NW</b> <b>Grand Rapids, MI 49544-1949</b>	TELEPHONE Robert Barkema <b>(616) 363-2192</b> CONTRACTOR NUMBER/MAIL CODE BUYER/CA (517)241-1647 <b>Irene Pena, Buyer Specialist</b>
Contract Compliance Inspector: Lia Gulick <b>Imaging Equipment – Department of Corrections</b>	
CONTRACT PERIOD: <b>3 yrs. + 2 one-year options</b> From: <b>September 15, 2009</b> To: <b>September 14, 2009</b>	
TERMS <p style="text-align: center;"><b>N/A</b></p>	SHIPMENT <p style="text-align: center;"><b>N/A</b></p>
F.O.B. <p style="text-align: center;"><b>N/A</b></p>	SHIPPED FROM <p style="text-align: center;"><b>N/A</b></p>
MINIMUM DELIVERY REQUIREMENTS <p style="text-align: center;"><b>N/A</b></p>	
MISCELLANEOUS INFORMATION:  <p><b>The terms and conditions of this Contract are those of ITB #071I9200223, this Contract Agreement and the vendor's quote dated 7/8/2009. In the event of any conflicts between the specifications, and terms and conditions, indicated by the State and those indicated by the vendor, those of the State take precedence.</b></p> <p><b>Estimated Contract Value: \$865,262.00</b></p>	

**THIS IS NOT AN ORDER:** This Contract Agreement is awarded on the basis of our inquiry bearing the ITB No. 071I9200223. Orders for delivery will be issued directly by the Department of Department of Corrections through the issuance of a Purchase Order Form. All terms and conditions of the invitation to bid are made a part hereof.

<b>FOR THE CONTRACTOR:</b>  <b>Radiology Imaging Solutions, Inc.</b> Firm Name	<b>FOR THE STATE:</b>  Signature <b>Irene Pena, Buyer Specialist</b>
Authorized Agent Signature	Name/Title <b>Commodities Division, Purchasing Operations</b>
Authorized Agent (Print or Type)	Division
Date	Date



**Article 1 – Statement of Work (SOW)**

**1.010 Project Identification**

**1.011 Project Request**

This is a Contract for six (6) to eight (8) computerized medical imaging systems that include the x-ray machine, and the reader. In addition, the Contract is for a picture archival and communication system (PACS) that will store and retrieve images from these machines.

**1.012 Background**

The Michigan Department of Corrections (MDOC) currently has medical imaging at numerous facilities. The MDOC averages 298 images department wide on a monthly basis. The equipment is old and is in constant repair at some locations. With new technology the MDOC is converting this old equipment at various complexes throughout the state to more modern computerized imaging that will result in better images with shorter read times since the images can be electronically transferred for reading, thus eliminating the need for a courier service.

**1.020 Scope of Work and Deliverables**

**1.021 In Scope**

The MDOC is interested in converting traditional imaging equipment to computerized imaging. The MDOC is interesting in purchasing and installing six (6) systems at various facilities throughout the state. Each system must include:

- A. Imaging Equipment capabilities of performing routine images.
- B. Imaging digitizers that will allow conversion of the images to a computerized format capable of electronic transmission.
- C. One Picture Archival and Communication System for storage, retrieval and electronic transmission to be located in Lansing, MI.

Bidder Response:

We agree.

**1.022 Work and Deliverable**

Contractor must provide Deliverables/Services and staff, and otherwise do all things necessary for or incidental to the performance of work, as set forth below:

The information below was used to spec out the equipment the MDOC is requesting. The vendor may provide the brand included in the specifications or on a comparable brand of equipment that meets the specifications identified.

**A. Imaging Equipment**

**1. Six (6) Quantum “Q-Rad-D3 System Packages**

**a. QG-5000 50kw/125 kVp Odyssey FH Digital Deluxe Radiographic Generator:**

- i. Digital Imaging Ready, ULTEA high Frequency Power, 120 kHz Plus
- ii. 50 kW output (according to IEC 601)
- iii. mA Range: 25 to 650
- iv. kVp Range: 40 10 125 kVp, in 1 kVp increments
- v. mAs Range: 0.025-800
- vi. Timer Range:0.001-6.3 seconds
- vii. “APR” Anatomical Programmed Radiography (100 APR views/5000 Techniques) for standard and custom views



- viii. Large Graphic LCD display for APR and technique information, includes date/time feature
- ix. Self-Diagnostics, Anode Heat Unit monitor, Error Messaging, Auto shut-off timer, History reporting log, RS-232 port
- b. **R10-T140 X-Ray Tube:**
  - i. 4' Radiographic x-ray tube
  - ii. .6/1.2 mm focal spot sizes with 400,000 Heat Unit capacities
  - iii. 150 kVp, High/standard speed rotor, 12 ° anode target angle, 90° arm
- c. **R70-25 High Voltage Cables:**
  - i. One pair, 25 ft. long with federal terminals
- d. **QS-550 Deluxe Floor Mounted Tube stand:**
  - i. Floor mounted tube stand with 10 ft. long tracks and 98" of longitudinal travel
  - ii. Deluxe handgrips: multi-function, fingertip controls for horizontal, vertical, transverse, and longitudinal movements
  - iii. Includes "all locks" release switch and auto-stop sensor for horizontal/vertical adjustments.
  - iv. Vertical travel of 60.5" with minimum floor to focus distance of 13.75"
  - v. Fail-safe electromagnetic braking system and integral counterbalancing ensure safe, easy use
  - vi. Column rotation (+/- 180°), transverse Arm (10 inch travel)
  - vii. Tube angulations of +/- 135° with detents at 0°, +/- 90
  - viii. Cable concealment and management system
- e. **QS- 55T Trunnion Rings:**
  - i. For tube head rotation of -20°/+45° with dual angle guides
- f. **R40-S-P Progency Pinnacle Motorized Selectable Collimator:**
  - i. Motorized collimation system with digital display
  - ii. Microprocessor controlled shutter system, provides preformatted sizing and SID selection
  - iii. Programmable memory of commonly used image field sizes
  - iv. Laser light for patient and cassette tray positioning, plus rectangular light field
  - v. Rectangular light field with cross hair markings
  - vi. Lamp/timer feature
  - vii. Swivel mount allowing 360° with 90° detents
  - viii. 40"-72" SID cassette size scales (metric also available 100cm & 180cm)
  - ix. Includes: integrated tape measure and spare projection lamp
- g. **QT-750 Quiet-Lift Elevating/Float-Top Radiographic Table**
  - i. 650 lb. patient weight capacity
  - ii. Elevating range of 21"-32.5" (53-83 cm) with collision avoidance electronics and safety lock-out control switch
  - iii. Tabletop length: 85" (216 cm) with 32" (82cm) of longitudinal travel
  - iv. Tabletop width: 35.5" (90cm) with 10"(26cm) of transverse travel
  - v. Flat top design for easy patient transfer and cleaning, with low absorption material
  - vi. Fail-safe electromagnetic braking system ensure safe, easy use
  - vii. Recessed foot switches for all table movements, with float-top hand control switch
  - viii. Adjustable patient handgrips along concealed accessory rail
- h. **R80-AEC Ionization Chamber:**
  - i. Three (3) filed chamber, includes hardware
- i. **R30-17B Bucky:**
  - i. 17"x17" (43 x 43 cm) reciprocating with multi-speed programmability
- j. **R20-1010M Grid:**
  - i. Pb, 103 line/inch, 10:1 ratio, 40"-72" (100-180cm) focal distance
- k. **R60-T-P Deluxe Heavy Duty Cassette Tray**
  - i. Accepts cassette sizes: 5"x7" (13x18 cm) to 14"x17" (35x43 cm)
- l. **QW-420 Verti-Q Vertical Wall Stand:**
  - i. Single Column structure
  - ii. Features the exclusive "EZ Glide" hand control for easy and precise movement, grip rotates +105°
  - iii. Custom enclosed frame for attractive appearance includes patient chin rest
  - iv. Low absorption front cover material with cassette and AEC indicators



- v. Vertical travel: 60.5" (154 cm) with a 13.75" (35cm) minimum focal spot to floor distance
- vi. Fail-safe electromagnetic braking system and integral counterbalancing ensure safe, easy use
- m. **QW-HG20 Patient Side mounted handgrips:**
  - i. Mounts to Verti-Q Wall stand
- n. **QW-HG30:Patient Overhead handgrip:**
  - i. Mounts to Verti-Q wall stand
- o. **Training**
  - i. Provide on site training to each unit.
  - ii. Provide toll free customer support
- p. **Warranty**
  - i. Warranty period

Bidder Response to Task:

Bidder response shall identify the specific equipment the bidder is suggesting addressing a-p above.

**The radiographic generator in RFP has a standard incoming power requirement of 380 to 480 volt 3 phase power. An optional 3 phase power supply upgrade is available and has been listed under optional items. This optional power supply can be used when incoming power is 3 phase 208-240 volts. In some circumstances there may be only single phase 208-240 power currently available to radiology suites. I have also included an option of a 40kW generator which will function with the 208-240 single phase requirements. Please find below the RFP specifications requested and options as described.**

**Quantum Equipment is manufactured and assembled in the USA.**

**QG-5000 50 kW / 125 kVp "ODYSSEY HF" Digital Deluxe Radiographic Generator:**

Digital Imaging Ready, ULTRA High Frequency Power, 120 kHz PLUS  
 50 kW output; (according to IEC 601)  
 kVp Range: 40 to 125 kVp, in 1 kVp increments  
 mAs Range: 0.025 – 800  
 Timer Range: 0.001 - 6.3 seconds  
 APR" Anatomical Programmed Radiography (100 APR Views / 5000 Techniques) for standard and custom views  
 Large Graphic LCD display for APR and technique information, includes date/time feature  
 Self-Diagnostics, Anode Heat Unit monitor, Error Messaging, Auto shut-off timer, History reporting log, RS-232 port  
**Nominal Input power 380 - 480 VAC (+/- 5%) Three Phase; (208-240, VAC 50/60 Hz Three Phase INPUT OPTIONAL)**

**R10-T600 X-Ray Tube: 4" Radiographic X-Ray Tube**

0.6 / 1.2 mm focal spot sizes with 400,000 Heat Unit capacities  
 150 kVp, High/standard speed rotor, 12° anode target angle, 90° arms

**R70-25 High Voltage Cables: One pair, 25 ft. long (7.5 meters) with federal terminals**

**QG-AEC Automatic Exposure Control: (AEC) electronics "HF Series" generators**

**QG-PDL Pedestal Mount: floor mounted pedestal for mounting of operator control console**

**QS-550 Deluxe Floor Mounted Tube stand:**

Mounted tube stand with 10 ft. long tracks and 98" (249 cm) of longitudinal travel  
 Deluxe Handgrips: multi-function, fingertip controls for horizontal, vertical, transverse, and longitudinal movements  
 Includes "All Locks" release switch and auto-stop sensor for horizontal/vertical adjustments  
 Vertical Travel of 60.5" (154 cm) with minimum floor to focus distance of 13.75" (35 cm)  
 FAIL-SAFE electromagnetic braking system and integral counterbalancing ensure safe, easy use  
 Column Rotation (+/- 180°), Transverse Arm (10 inch travel)  
 Tube Angulations of +/- 135° with detents at 0°, +/- 90  
 Cable concealment and management system

**QS-55T Trunnion Rings: For tube head rotation of - 20°/+45° with dual angle guides**

**R40-S-P "Progeny Pinnacle" Motorized Selectable Collimator:**

Motorized collimation system with digital display  
 Microprocessor controlled shutter system, provides pre-formatted sizing and SID selection  
 Programmable memory of commonly used image field sizes  
 Laser light for patient and cassette tray positioning, plus rectangular light field  
 Rectangular light field with cross hair markings  
 Lamp/Timer Feature  
 Swivel Mount allowing 360° with 90° detents  
 40"- 72" SID cassette size scales (metric also available 100cm & 180cm)  
 Includes: Integrated tape measure and Spare Projection lamp



**QT-750 "QUIET-LIFT" Elevating / Float-Top Radiographic Table**

650 lb. (295.5 kg.) Patient Weight Capacity  
 Elevating Range of 21" - 32.5" (53 - 83 cm) with collision avoidance electronics and safety lock-out control switch  
 Tabletop length: 85" (216 cm) with 32" (82 cm) of longitudinal travel  
 Tabletop width: 35.5" (90 cm) with 10" (26 cm) of transverse travel  
 Flat top design for easy patient transfer and cleaning, with low absorption material  
 FAIL-SAFE electromagnetic braking system ensure safe, easy use  
 Recessed Foot Switches for all table movements, with float-top hand control switch  
 Adjustable patient handgrips along concealed accessory rail

**R80-AEC Ionization Chamber:** Three (3) field chamber; includes hardware

**R30-17B Bucky:** 17" x 17" (43 x 43 cm) reciprocating with multi-speed programmability

**R20-1010M Grid:** Pb, 103 line / inch, 10:1 ratio, 40" - 72" (100 - 180 cm) focal distance

**R60-T-P Deluxe Heavy Duty Cassette Tray:** Accepts cassette sizes: 5" x 7" (13 x 18 cm) to 14" x 17" (35 x 43 cm)

**QW-420 "VERTI-Q" Vertical Wall Stand:** Single-column structure

Features the exclusive "EZ-Glide" Hand control for easy and precise movement, grip rotates +105°  
 Custom enclosed frame for attractive appearance includes patient chin rest  
 Low absorption front cover material with cassette and AEC Indicators  
 Vertical Travel: 60.5" (154 cm) with a 13.75" (35 cm) minimum Focal Spot-to-Floor Distance  
 FAIL-SAFE electromagnetic braking system and integral counterbalancing ensure safe, easy use

**QW-HG20 Patient "Side Mounted" Handgrips: (one set), Mounts to "VERTI-Q" Wall Stand**

**QW-HG30 Patient "Overhead" Handgrip: Mounts to "VERTI-Q" Wall Stand**

**R80-AEC Ionization Chamber:** Three (3) field chamber; includes hardware

**R30-17B Bucky:** 17" x 17" (43 x 43 cm) reciprocating with multi-speed programmability

**R20-1010I Grid:** Pb, 103 line / inch, (40 lines/cm), 10:1 ratio, and 40" - 72" (100 - 180 cm) focal distance

**R60-T-P Deluxe Heavy Duty Cassette Tray:** Accepts cassette sizes: 5" x 7" (13 x 18 cm) to 14" x 17" (35 x 43 cm)

**PRICE PER UNIT MINUS DISCOUNT: \$51,505.00**

For complete quote and discounts see Tab D pages 89-93

**OPTIONAL ITEMS:**

**QG-X208-3P Three Phase (208 VAC) Power Supply Upgrade: ADD \$1,000.00**

For generators which require use of a Three Phase incoming power line (208 -240 VAC)

**FOR USE IF 400-480 VOLTS 3 PHASE POWER IS NOT AVAILABLE FOR 50 KW GENERATOR**

**QG-400 40 kW / 125 kVp "ODYSSEY HF" Radiographic Generator: DEDUCT (\$3,000.00)**

*Digital Imaging Ready, ULTRA High Frequency Power, 120 kHz PLUS*

40 kW output; (according to IEC 601)

mA Range: 25 to 500

kVp Range: 40 to 125 kVp in 1 kVp step

mAs Range: 0.025 – 600

Timer Range: 0.001 - 6.0 seconds

"APR" Anatomical Programmed Radiography (100 APR Views / 5000 Techniques) for standard and custom views

Graphic LCD display for APR and technique information, includes date/time feature

Self-Diagnostics, Anode Heat Unit monitor, Error Messaging, Auto shut-off timer, History reporting log, RS-232 port

**\* Nominal Input power: 208 - 260 VAC (+/- 5%) Single Phase**

**Training See Article 1.0706 or Tab D page 103**

**Warranty see Tab D page 104**

**2. Installation and removal of existing imaging equipment**

- a. Removal of existing equipment
- b. Installation of all equipment

**Bidder Response:**

Bidder response shall identify the process that will be used to remove existing equipment and install new equipment including timeframes.

Removal of existing radiographic equipment is less than two working days. This entails two to three Radiology Imaging Solutions (RIS) personnel using 4-wheel carts and dollies along with common tools. All existing equipment will be loaded onto a company truck and disposed of properly. The delivery of the new equipment should be accomplished the same time as the removal of existing units. The de-installation of the existing units would be done first making them ready for transport to loading area. The new equipment would then arrive and be moved to radiology area, once the new unit has been unloaded the same equipment used to move in the new equipment would then be used to transport out the old. The Delivery of equipment from manufacturer can be estimated to be within 4-6 weeks from order date. Once equipment is ready for delivery



to each facility buyer representative is notified to arrange his/her schedule for minimal patient and departmental disruption for room down time. Once seller receives confirmation and all logistics for de-installation and delivery from each facility representative has been confirmed process will begin. Written time-line supplied once PO are issued and pre-installation requirements

**3. Maintenance Package**

- a. Annual maintenance package

Bidder Response:

Bidder response shall include maintenance options detailing the services that will be included.

**X-Ray System Calibration and Performance Check**

*Procedure Number 1 of 2 part complete System Preventative Maintenance Program*

*Minimum Guidelines*

- Should be performed once every twelve months
- Service that should be included:
  - Diagnostic check of system
  - Check calibration of KVP stations, mA /mAs stations, and timer stations.
  - Check beam quality(half value layer), exposure linearity and reproducibility.
  - Visual inspection of Transformer, cables, and circuit boards.
  - Visual inspection of X-ray Tube for oil leaks and structural integrity.
  - Verify proper operation of all controls, lamps, alarms and meters.
  - Check for proper mandatory labels.
  - Review of service log for indication of chronic problems.
- All aspects of the unit will be adjusted and or repaired to meet manufacturer’s recommended guidelines.
- Written documentation of all service performed
- Written documentation of all recommendations for additional non-emergency repairs not completed.

In addition to the above, a service log should be kept on the equipment. All service problems and documentation of how the problem was resolved should be noted in this log. Any condition that reduces the quality of exam or exposes the patient to unnecessary risk or radiation, should be immediately reported to service. X-rays should not be performed until complete repair has been accomplished.



**X-Ray System Mechanical / Electrical Inspection**

*Procedure Number 2 of 2 part complete System Preventative Maintenance Program*

*Minimum Guidelines*

- Should be performed once every twelve months
- Service that should be included:
  - Visual Inspection of Wires, Cables, Cabinets, and all other components for evidence of Electrical safety concerns.
  - Light Field to X-ray Field Alignment Check
  - Verify accuracy of Collimation Indicator vs Actual Collimation Size
  - Verify Centering of Central Ray to the Center of the Table and Upright
  - Verify accuracy of all SID Indicators
  - Verify Collimator Light Luminance is acceptable
  - Visual Inspection of Mechanical aspects of System, Including:
    - Tubestand: Moves freely about entire range
      - Verify proper operation of all locks
      - Verify structural integrity of unit
      - Check counterweight cables, pulleys and safety guards
    - Table: Table top moves freely about entire range
      - Verify proper operation of all locks
      - Verify structural integrity of unit
    - Upright: Moves freely about entire range
      - Verify proper operation of all locks
      - Verify structural integrity of unit
      - Check counterweight cables, pulleys and safety guards
    - Buckies: Check operation of Bucky, Tray and Sensing mechanisms
      - Verify proper operation of all locks
      - Verify structural integrity of unit
  - Review of service log for indication of chronic problems.
- All aspects of the unit will be adjusted and or repaired to meet manufacturer’s recommended guidelines.
- Written documentation of all service performed
- Written documentation of all recommendations for additional non-emergency repairs not completed.

In addition to the above, a service log should be kept on the equipment. All service problems and documentation of how the problem was resolved should be noted in this log.

Any condition that reduces the quality of exam or exposes the patient to unnecessary risk or radiation, should be immediately reported to service. X-rays should not be performed until complete repair has been accomplished.

**B. Imaging Digitizers**

**1. Six (6) Computerized Radiography 35 SP Packages**

- a. **Cr Reader**
- b. **Server:**
- c. **19” Flat Panel Monitor**
- d. **Dicom Laser Printer:**
  - i. Print from numerous modalities and id decentralized with cart if needed
  - ii. Accepts and prints Dicom 3.0 which supports minimal of 5 modalities,



- iii. Printer must be able to support the following sizes 8"x10", 10"x12", 11"x14", 14"x14" or 14"x17"
- e. **Dicom Store/Send**
- f. **Cr NxOn-line processing and Musica 2 Gen Rad Software**
- g. **Dicom CD Export**
- h. **Nx Precision Tools**
- i. **Four (4) EJY21 AGFA:35/43 CM MD-4.0 Cr Cassette/Plate set**
- j. **Four (4) EJZB4 AGFA:24/30 CM MD-4.0 Cr Cassette/Plate set**
- k. **ES897 NX Optiview Software**
- l. **ES9CG NX RIS Connectivity Software**
- m. **Bar Code Reader**
- n. **EOM6-J001 Applications training**
- o. **EPDNP CR user station (CRUS) for computer workstation**
- p. **XGRIDCAP1012A 10x12 protect-a-grid II 10;1 178LPI 40-72"**
- q. **XGRIDCAP1417A 14x17 Protect-a-grid 11 10:1 178LPI 40-72"**

Bidder Response:

Bidder response shall address the requirements in a-q.

**CR35SP "NX" Quantum/Agfa: "CR 35.0 SP" NX SERIES CR PACKAGE**  
 Print ready, single plate CR system  
 Throughput: Up to 73 plates per hour (depending upon size and application)  
**CR NX SERVER: DELL OPTIFLEX GX620 PC WORKSTATION, INTEL PENTIUM 4, 3.4 GHZ, 2GB DDR2 SDRAM,**  
**1 x 80 GB SATA HARD DISCS, CD R/W DRIVE, KEYBOARD, MOUSE; WINDOWS XP PRO SP2 OS, UPS FOR NX**  
**19" FLAT PANEL MONITOR**  
 Barco 19" Black Touch screen LCD w/ELO resistive touch and serial controller  
**CR ID SOFTWARE**  
 Software records patient demographic and examination data in a study-oriented format onto the memory chip embedded in the ADC cassette via radio frequency ID and QC on one exam screen  
**DICOM PRINT**  
 Print ready configuration can print to Agfa's Drystar® dry printers and other DICOM enabled Printer  
**DICOM STORE / SEND**  
 DICOM-Store Connection Software allows you to perform online transmission in the DICOM standard communication protocol format. Images can be transmitted via network or modem to PACS, remote stations, or other QS modalities  
**CR NX ON-LINE PROCESSING AND MUSICA 2 GenRad™ SOFTWARE**  
 On-line Processing Software performs multiple tasks  
 Image-Processing (utilizing MUSICA 2 GenRad® Software) of the incoming raw data from the CR unit  
 Automatic Window/Level setting  
 Manual "black-border" collimation  
 Sensitometry mapping  
 HIPPA Security Log and IHE workflow compatibility supplies user with a Basic QC-Viewer for basic image corrections  
**MUSICA 2 GenRad® Optimizes Image Quality and Workflow**  
 MUSICA 2 GenRad is second generation MUSICA which intelligently renders exceptional bone and soft tissue detail simultaneously. MUSICA 2 analyzes the image data before applying optimal contrast and density to all details within the image. This results in maximum radiographic detail throughout the image, greatly reducing the need for manual activities such as window and level. The improved image quality, productivity and workflow result in a process that is more efficient from start to finish.  
**DICOM CD EXPORT – DICOM CD burning for image duplication**  
**"P-Value" DISPLAY OUTPUT**  
**NX Precision Tools**  
 NX Precision Tool Software  
 NX Precision Tools includes:  
 Annotation (advanced/programmable) Tools  
 Ortho Measurement Tools  
 Digital Imaging Measurement Tools  
 MUSICA Image Processing Control panel



**Details of Precision Tools**

Advanced annotations content Patient-positioning markers (available on both Examination and editing screens  
 Zoom/roam image, Add predefined text, Add free text with/without arrow, Invert image, Apply shutters  
 Show/hide histogram. Advanced measurements content Linear and circular calibration, angle, surface measurement of a  
 circular, rectangular, free hand or polygonal annotation, distance measurement,  
 leg length difference measurement scoliosis measurement, perpendicular, line with midpoint, set different colors

**EJY2J** AGFA: 35 X 43 CM MD-4.0 CR CASSETTE/PLATE SET  
**EJZB4** AGFA: 24 X 30 CM MD-4.0 CR CASSETTE/PLATE SET

**ES897 NX Optiview Software**

**ES9CG NX RIS Connectivity Software:**

**60+00022964 BAR CODE READER**

**EOM6J001 APPLICATIONS TRAINING-- INCLUDES 2 DAYS OF TRAINING**

**EPDNP CR USER STATION (CRUS), FOR COMPUTER WORKSTATION**

**XGRIDCAP1012A 10X12 PROTECT-A-GRID II 10:1 178LPI 40-72"**

**XGRIDCAP1417A 14X17 PROTECT-A-GRID II 10:1 178LPI 40-72"**

**60+00025427 DICOM LASER PRINTER** Print from numerous modalities and ID decentralized with cart DICOM 3.0  
 PMS Package with up to 6 DICOM Connections at no added charge if installed at time of initial installation. Supports 8" x  
 10", 10" x 12", 11" x 14", 14" x 14" or 14" x 17" Media sizes with 2 Media Supply Drawers

**ESKAF000 DRYSTAR® Smart Cart – For DRYSTAR® 5302**

**PRICE PER COMBINED UNITS MINUS DISCOUNT: \$74,352.00**

For complete quote and discounts see Tab D pages 94-98

**2. Installation**

- a. Installation of all equipment

**Bidder Response:**

Removal of existing radiographic equipment is less than two working days. This entails two to three Radiology Imaging Solutions (RIS) personnel using 4-wheel carts and dollies along with common tools. All existing equipment will be loaded onto a company truck and disposed of properly. The de-installation of the existing units would be done first by de-installation of the darkroom processor and accessories making it ready for transport to loading area. The new equipment would then arrive and moved to radiology area, once the new unit has been unloaded the same equipment used to move in the new equipment in would then be used to transport out the old. The Delivery of equipment from manufacturer can be estimated to be within 4-6 weeks from order date. Once equipment is ready for delivery to each facility buyer representative is notified to arrange his/her schedule for minimal patient and departmental disruption for room down time. Once seller receives confirmation and all logistics for de-installation and delivery from each facility representative has been confirmed process will begin.



**3.Maintenance Package**

- a. Annual maintenance package

Bidder Response:

**OPTION 1**

**Service Maintenance Agreement for quoted CR Equipment**

**INCLUDES :**

**Part 1      CR System Mechanical / Electrical Inspection (PMP)**  
This procedure normally takes four hours, and follows complete preventative maintenance guidelines set forth by manufacturer.

**Part 3      Emergency Service and Travel done during normal working hours**

**Part 4      Replacements Parts**

**Part 5      Pricing: 20% of each units' sale price**

**Note: Problems caused by abuse, neglect, or acts of God are not cover by service maintenance agreement (SMA) and invoiced by time and material basis.**

**OPTION 2:**

**Service Maintenance Agreement for quoted CR Equipment Time and Material**

**"Customer Care" Program**

Includes:

- Service coverage
- Routine PM's done during normal working hours
- One hour phone response.

Pricing:

Agfa CR systems --	Routine PM's done one time per year.	\$ 750.00/unit
Additional Clients --	Routine PM's done one time per year.	\$ 100.00/unit
Service --	Hourly service rates 8:00am – 5:00pm M-F	\$ 200.00/hr.
Overtime service --	After 5:00pm M-F	\$ 300.00/hr.
Overtime service --	Weekends and holidays	\$ 400.00/hr.
Scheduled travel* --	Hourly rates 8:00am – 5:00pm M-F	\$ 100.00/hr.
Emergency travel** --	Hourly rates 8:00am-5:00pm M-F	\$ 200.00/hr.
Overtime travel --	Hourly rates after 5:00pm, weekends, & holidays	\$ 300.00/hr
Parts --	Billed at 15% discount from manufacturer's prices.	

\* Scheduled travel is when the customer requests service and it can be arranged at the customer's and serviceman's convenience.

\*\*Emergency travel is when the customer requests immediate service.

Note: Under our **Customer Care Program** there is no minimum service, or minimum travel charge. If service arrives on site by 2:00pm M-F and runs after 5:00pm **no overtime** charges would occur.

Note: Radiology Imaging Solutions, Inc. is a factory trained and certified Agfa Medical systems dealer.

**MEDICAL LASER SERVICE MAINTENANCE AGREEMENT**

**Program Includes:**

- Service coverage



The Service Maintenance Agreement (SMA) will be billed in advance at an annual rate of **\$4,400.00**

Laser Service Coverage consists of:

Scheduled and emergency service and travel performed between the hours of 8:30 AM and 5:00 PM Monday through Friday excluding Radiology Imaging Solutions holidays. Services provided beyond described times will be billed according to rates listed below

- Overtime service – After 5:00pm M-F \$ 225.00/hr
- Overtime service – Weekends and holidays \$ 350.00/hr
- Overtime travel – Hourly rates after 5:00pm, weekends, & holidays \$ 160.00/hr

**For calls outside included hours, there is a minimum charge of 8 hours (4 travel/4 labor)**

Note: Radiology Imaging Solutions, Inc. is a Agfa Medical systems dealer. There may be times when Agfa factory service will be called in, for these rare occasions customer will be invoiced directly by Agfa

**C. Imaging storage and retrieval**

**1. One (1) Picture Archival and Communication System (PAC)**

- a. The PAC must be able to use EMC storage.
- b. The PAC must be able to link to the MDOC Electronic Medical Record (EMR). The MDOC is in the process of upgrading to a NextGen EMR.
- c. Storage for 50,000 images/procedures with additional expansion capability
- d. The response must include the required WAN and LAN bandwidth specifications
- e. Warranty period

Bidder Response:

**Softmedical's PACS-FLO ++ PICTURE ARCHIVE AND COMMUNICATIONS SYSTEM**

***PACS-FLO Software License*** DICOM Image Archive,  
 Multi vendor operability  
 DICOM licenses for up to 6 gateways  
***WebFloSoftwareLicenses***  
 Web image distribution  
***One Server Workstation***  
 Dual core Intel Processor, PowerEdge 2950 or equivalent  
 Redundant Power Supply, 1.2TB Raid 5  
 Redundant Power Supply, 1.2TB Raid 5  
***Flo-Gateway***  
 Gateway and Scanning Software with web distribution  
 T3400 or equivalent, 500GB in Raid1  
 HP Scanjet 5590 and 20" LCD flat panel  
***Integration with NextGen***  
 Integration based on one centralized Server  
 Users launch the Softmedical viewer from NextGen application

**COST: 108,000.00**

**2. Installation**

Bidder Response:

Project Manager and Project Management is scaled to the scope of the project and installation. All aspects of site project, network integration, other information system integration, equipment installation and customer training will be scheduled and coordinated with MDOC. Regular customer meetings, which may be onsite or conference calls, are scheduled to review any ongoing issues. Throughout this process, the Analyst ensures that the MDOC administrator has an understanding of the methodology used in its configuration. While



working with the MDOC PACS administrator(s) RIS will assist the administrator in defining system configuration options to establish the automated workflow and user setup for each of the State’s facility's needs. Our main concern is to provide objective, accurate information concerning the workflow management issues that must and should be considered during the implementation of PACS technology. PACS and the Next Gen Integration is the project-based activity required to successfully integrate Information offering into the customer’s environment

**3. Maintenance package**

Bidder Response:

*One-year remote software support & upgrades.  
Same business day on-site hardware service for computer systems (PACS only)  
**Five year Software and Hardware support service agreement, which includes all up-dates (Starting second year), must be agreed to at time of initial sale with payments starting the second year  
\$21,925.00 per year (after 12 month warranty period)***

**1.030 Roles and Responsibilities**

**1.031 Contractor Staff, Roles, and Responsibilities**

Contractor shall discuss their ordering/customer service capabilities. This includes having the capacity to receive orders electronically, by phone, facsimile, and by written order. Contractors shall have internal controls, approved by Purchasing Operations, to insure that authorized individuals with the State place orders. The contractor shall verify orders that have quantities that appear to be abnormal or excessive.

It is the preference of the State of Michigan that the Contractor have an accessible customer service department with an individual specifically assigned to State of Michigan accounts. It is the preference of the State of Michigan that the Contractor have experienced sales representatives make timely personal visits to State accounts. The Contractor’s customer service must respond to State agency inquiries promptly. It is the preference of the State of Michigan that the Contractor provides a statewide toll-free number for customer service calls.

Any supplies and services to be furnished under this Contract shall be ordered by issuance of a purchase order, unless otherwise defined within the Contract, orders will be issued by the Michigan Department of Corrections.

All purchase order are subject to the terms and conditions of this Contract . In the event of a conflict between a purchase order and the contract, the contract shall control.

If mailed, a purchase order is considered “issued” when the State deposits the order in the mail. Orders may be issued orally, by facsimile, or by electronic commerce methods.

Bidder Response:

Radiology Imaging Solutions, Inc. provides its entire customer base the opportunity to reach our office and personnel in any matter that is convenient to them. Communications, whether ordering products or calling for service or assistance can be done via a toll free phone number, fax, email to our home office. Each of our service people has cell phones and our sales people not only have cell phone but also have mobile internet service available to them. As your sales representative I will schedule visits as preferred by each facility contact, along as being available to them on a daily basis via cell phone. We are very proud of our response time of any service issue if not immediate, being under an hour of initial call. Receiving and processing orders for supplies or services will be accepted and processed in the manner required by MDOC and the State of Michigan. Confirmation of orders can also be arranged if so desired by purchaser.



**1.040 Project Plan**

**1.041 Project Plan Management**

The contractor will carry out this project under the direction and control of the Michigan Department of Corrections.

Although there will be continuous liaison with the contractor team, the Project Manager and the CCI will meet as necessary, with the contractor’s project manager for the purpose of reviewing progress and providing necessary guidance to the contractor in solving problems that arise.

The contractor will submit brief written summaries of progress which outline the work accomplished during the reporting period; work to be accomplished during the subsequent reporting period; problems, real and anticipated, which should be brought to the attention of the CCI; and notification of any significant deviation from previously agreed upon work plans. A copy of this report will be forwarded to the named buyer in Purchasing Operations.

Within thirty (30) working days of the award the contract, the contractor will submit to the MDOC CCI for final approval a work plan, which must include the following:

The contractor’s project organizational structure.

The contractor’s staffing table with names and title of personnel assigned to the project. This must be in agreement with staffing of accepted proposals. Necessary substitutions due to change of employment status and other unforeseen circumstances may only be made with prior approval of the State.

The project breakdown showing sub-projects, activities and tasks, and resources required and allocated to each.

The time-phased plan in the form of a graphic display, showing each event, task, and decision point in your work plan.

Bidder Response:

Agreed

**1.042 Reports**

Bidder’s awarded contracts that are available for purchases by MiDEAL program members (authorized local units of government), must submit reports of purchasing activities to Purchasing Operations, DMB on a quarterly basis. Reports shall include, at a minimum, an itemized listing of purchasing activities by each agency, with the agency name, and the total value of purchases for each agency, and a grand total of all purchases.

Bidder Response:

NA

**1.050 Acceptance**

**1.051 Criteria**

The following criteria will be used by the State to determine Acceptance of the Services or Deliverables provided under this SOW:

- A. Acceptance of the imaging systems will be achieved when:
  1. Old equipment has been removed
  2. New equipment has been installed
  3. Required training has been completed



- B. Acceptance of the digitalizers will be achieved when:
  - 1. The systems have been installed
  - 2. Training has been completed
  - 3. The system interface with the imaging system has been successfully tested resulting in a computerized image
  
- C. Acceptance of the PAC will be achieved when:
  - 1. The image from the digitalizer is successfully stored in the PAC
  - 2. A retrieval of a stored image is done through the MDOC Electronic Medical Record
  - 3. A stored image is electronically sent via email

**1.052 Final Acceptance**

Final acceptance will be determined on a per system basis. Final acceptance will be achieved when all tasks are completed for each system.

**1.060 Proposal Pricing**

**1.061 Proposal Pricing**

Contractor will submit their pricing proposal broken down by individual component in the following manner:

- A. Imaging System including training: \$51,505.00 (price each. Total of 6 each)
  - a. Maintenance Plan (see contract)
- B. Digitalizer including training: \$58,042.00 (price each. Total of 6 each)
  - a. Maintenance Plan(see contract)
- C. Picture Archival and Communication System including training \$108,000.00 (price each. Total of 1 each)
  - a. Maintenance Plan for PAC - \$21,925.00 per year

For authorized Services and Price List, see Attachment A.

Contractor’s out-of-pocket expenses are not separately reimbursable by the State unless, on a case-by-case basis for unusual expenses, the State has agreed in advance and in writing to reimburse Contractor for the an expense at the State’s current travel reimbursement rates. See [www.michigan.gov/dmb](http://www.michigan.gov/dmb) for current rates.

**1.062 Price Term**

( X ) Fixed with prospective re-determination at an agreed upon time

Prices quoted are the maximum for a period of 365 days from the date the Contract becomes effective.

Prices are subject to change at the end of each 365-day period. Such changes shall be based on changes in actual costs incurred. Documentation of such changes must be provided with the request for price change in order to substantiate any requested change. Purchasing Operations reserves the right to consider various pertinent information sources to evaluate price increase requests (such as the CPI and PPI, US City Average, as published by the US Department of Labor, Bureau of Labor Statistics). Purchasing Operations also reserves the right to consider other information related to special economic and/or industry circumstances, when evaluating a price change request. Changes may be either increases or decreases, and may be requested by either party. Approved changes shall be firm for the remainder of the contract period unless further revised at the end of the next 365-day period. Requests for price changes shall be RECEIVED IN WRITING AT LEAST TEN DAYS PRIOR TO THEIR EFFECTIVE DATE, and are subject to written acceptance before becoming effective. In the event new prices are not acceptable, the CONTRACT may be cancelled. **The Contractor remains responsible for performing according to the contract terms at the contract price for all orders received before price revisions are approved or before the contract is cancelled.**



**1.063 Tax Excluded from Price**

(a) Sales Tax: For purchases made directly by the State, the State is exempt from State and Local Sales Tax. Prices must not include the taxes. Exemption Certificates for State Sales Tax will be furnished upon request.

(b) Federal Excise Tax: The State may be exempt from Federal Excise Tax, or the taxes may be reimbursable, if articles purchased under any resulting Contract are used for the State’s exclusive use. Certificates showing exclusive use for the purposes of substantiating a tax-free, or tax-reimbursable sale will be sent upon request. If a sale is tax exempt or tax reimbursable under the Internal Revenue Code, prices must not include the Federal Excise Tax.

**1.064 Holdback**

The State shall have the right to hold back, as a retainage, an amount equal to ten percent (10%) of all amounts invoiced by Contractor for Services/Deliverables. The amounts held back shall be released to Contractor after the State has granted Final Acceptance.

**1.070 Commodity Requirements and Terms**

***Product Quality***

**1.0701 Specifications**

Brand or trade names referred to herein are for identification purposes only, and do not limit the bidder to such brands, provided alternates offered are equal in quality and function to those specified.

Descriptive literature that contains complete specifications or the complete specifications must be included with alternate bids.

**1.0702 Alternate Bids**

The Contractor may offer alternate bids which are at variance from the express specifications of the Request for Proposal , and the State reserves the right to consider and accept such bids if, in the judgment of the State Purchasing Director, the alternate bid will produce deliverables and/or services equal to or better than those which would be supplied by following the express specifications of the quotation, and acceptance of the alternate bid is deemed to serve the best interest of the State of Michigan. An alternate bid must clearly describe all variances from the express specifications.

Bidder Response:

Please see alternate bid for Radiology Imaging Equipment and CR Imaging Digitizers

**1.0703 Research and Development**

Contractor shall discuss their ability to invest in new product development and research to stay current with ongoing demands.

Bidder Response:

As a distributor, we continually invest in upgrading our service, sales, and application capabilities. We stay abreast of all the latest changes in the industry and upgrades from the manufacturer.

**1.0704 Quality Assurance Program**

The Contractor is to provide detail regarding any Quality Assurance Program(s) that are currently in place within their organization.



Bidder Response:

RADIOLOGY IMAGING SOLUTIONS, INC. is pleased to offer our complete X-ray System Preventative Maintenance Program. The need for preventative maintenance on your X-ray system has always been very important. In the past, this optional service was being utilized by facilities that wish to have the added reassurance of always producing the highest quality x-ray, at the lowest possible exposure. Secondly, they wanted to protect their costly investment. It is a fact that any device that does not receive preventative maintenance will not last as long. But now, the need for preventative maintenance has a new driving force. Many of the Insurance Companies are now demanding proof of preventative maintenance. Without this proof, they are refusing to pay for the X-rays being taken at a facility. RADIOLOGY IMAGING SOLUTIONS, INC. offers a two part, complete X-ray System Preventative Maintenance Program.

**Part 1 X-ray System Calibration and Performance Check**

**Part 2 X-ray System Mechanical / Electrical Inspection**

***PREVENTATIVE MAINTENANCE SERVICE GUIDELINES***

Each facility will be called by the office staff the week prior to the scheduled PMP visit. The contact person will be notified and any concerns or problems will be noted and passed along to the service technician. Prior to the start of all PMP'S, the service technician will inquire about the performance and quality issues or problems that may have occurred since the last service. Any and all concerns and problems will be addressed. All racks, cross-overs and other removable assemblies will be removed for inspection, cleaning, and repair or replacement of worn or broken parts.

Developer and fixer tanks will be chemically cleaned when necessary to insure proper operation and quality films.

Developer, fixer, wash and dryer temperatures will be checked and adjusted when found to be out of manufacturer's specifications

All pumps, motors, and electrical components will be inspected for proper operation, replacement will be suggested when necessary

Test films will be processed to insure proper operation of entire processor. If a Quality Control program is maintained, a test strip will be processed if desired. The Q.C. parameters will be evaluated and adjustments will be made if necessary.

Proper documentation will be left on site with the appropriate personnel.

***SUBJECT: X-ray machine and x-ray film processor start-up and shutdown***

At the beginning of each working day or at \_\_\_\_\_ AM/PM the following procedures will be performed:

X-ray film processor will be turned on and all covers will be returned to their proper operating position. Turn on the water supply.

While the processor is warming up to its normal operating temperature, inventory of darkroom supplies including chemistry level, film, file envelopes and other misc. items. Items that need to be ordered should be noted and reported to \_\_\_\_\_ or the order should be placed with the appropriate vendor.

The x-ray room door should now be closed and the tube warm-up procedure should be done. With the collimator closed, the following exposures should be made:

70kvp 100mA ½ sec

80kvp 100mA ½ sec

90kvp 100mA ½ sec **Between each exposure, wait 90 seconds**

100kvp 100mA ½ sec

110kvp 100mA ½ sec

A general inspection of the x-ray room and its equipment should be made. Any items that do not appear to be in proper order should be immediately reported to \_\_\_\_\_.

The temperature of the processor should now have reached its normal operating range, as indicated by the ready light being illuminated on the front of the processor. The actual temperature should be checked by the mechanical thermometer in the processor. After verification of the temperature, a test film should be run through to check for proper transportation of film. Any signs of abnormal function (cracking sounds, scratches on films, film jams, improper temperature, etc.) should be immediately reported to \_\_\_\_\_, and service should be called

A general inspection of the darkroom should be made at this time. Items such as light leaks, water leaks,



drain slowdowns should be reported to \_\_\_\_\_, and service should be called  
 Daily stepwedge control strip procedure should be done now  
 After these start-up procedures have been completed, “x-ray” is now ready for the day’s routine. Remember to follow all established procedures for the normal x-ray exams and all radiation protection protocol, to ensure safe operation of this equipment.

**Testing Protective Apparel**

It is recommended that all protective apparel be tested on a Yearly basis. The results then should be noted in the Quality Assurance Manual.

There are two methods of testing:

**Fluoroscopic Method**, if available Spread the item flat on x-ray table top and fluoroscope for defects or irregularities (remember that “holes or cracks” will appear as “brighter” areas on the monitor) imperfections near the edges of the item are acceptable, all others will cause the item to be unsafe for use.

**Radiographic Method**

Spread the item flat on the x-ray table top

. Using 14x17 cassettes, radiograph entire item using multiple cassettes if necessary, overlapping exposures to ensure that the entire Apron is radiographed.

Exposures should be 80 KV and appropriate mAs to produce a final radiographic density of about 1.0. (remember that “holes or cracks” will appear as “darker” areas on the radiograph)

Imperfections near the edges of the item are acceptable; all others will cause the item to be unsafe for use. It should be noted that aprons / gloves are fabricated from multiple protective layers.

Radiographs of the finished aprons / gloves may show some non-uniform patterns.

**1.0705 Warranty for Products or Services**

Contractor shall discuss all aspects of their warranty. This shall include the warranty associated with the actual product being proposed, as well as the warranty associated with any service work performed under the contract. Bidders shall also discuss how they will handle any repairs that need to be made due to damaged or defective product, how installation problems will be rectified, and the process State agencies should follow to report warranty issues.

Bidder Response:

**Warranties:** Radiology Imaging Solutions, Inc. (RIS) represents manufactures’ warranties to buyer that any new product purchased will be free of defects in material and workmanship, and will substantially conform to the applicable specification in effect on the date of shipment when subjected to normal, proper and its intended use by properly trained personnel. All products and labor shall be warranted for 12 months including x-ray tube starting from first day of use.

If manufacturer determines that a product fails to meet any specification during the applicable warranty period, RIS and or manufacturer shall correct any such failure as follows:

- A) By repairing, adjusting, or replacing any defective or non-conforming components or product.
- B) By making available any necessary repair repair or replacement parts or assemblies for exchange.

**Warranty Exclusions:**

- 1) Failure of Buyer to prepare the site and operating environment in accordance with requirements.
- 2) Failure to provide proper incoming power required supporting the equipment in accordance with requirements.
- 3) Modifications of product by party other then Radiology Imaging Solutions, Inc.
- 4) Acts of God, fires, floods, power surges. Strikes, sabotage, misuse, abuse, tampering or negligence.

**Disputes/Arbitration:** All disputes, controversies or claims of any kind arising from or in any way



related to equipments function ability shall be settled by first good faith negotiations between Radiology Imaging Solutions, Inc., Manufacturer and Buyer. If the parties are unable to resolve the dispute, either party may submit the dispute for resolution and shall be settled by final and binding arbitration, in accordance with the rules of the American Arbitration Association (AAA) and the laws of the State of Michigan USA. The arbitration proceedings will be conducted before three neutral arbitrators. All arbitrators will be lawyers or judges selected from a list provided by the American Arbitration Association. The decision of the arbitrator will be final and may be enforced in any court having jurisdiction over the parties

**1.0706 Training**

The Contractor shall provide training to individual agencies, when necessary, on aspects of ordering, shipping, billing, and receiving. At the request of the Contract Administrator, the Contractor shall provide in-service training to agency personnel on products, installation, and product safety issues. The Contractor shall also provide agency training jointly with the State as needed during the period covered by the contract at no additional charge.

Bidder Response:

The initial training and application phase typically includes two (2) full days of onsite application support by a factory trained Radiology Imaging Solutions representative. Training and application support days will be scheduled between the hours of 8:00 AM and 5:00 PM. The days are typically training days for basic technologist users. The optional follow up phase is used to further refine image quality. This time can also be used to deepen the knowledge of the radiographic and CR System, and to reinforce the skills of now experienced users. A Representative of Radiology Imaging Solutions will conduct the radiographic application support phase. The description above is a minimum guideline to help you plan for a successful implementation of within your radiology department. The size and scope of projects will vary, as well as the experience and knowledge base of system users. Please carefully consider the specific needs of your site, and the level of computer skills of your staff when specifying the total number of days that are required. A maximum of three (3) days of application support can be delivered by in any one (1) week. Any added applications, to address varying work shifts; alternate training times and rates are available. Refresher training could be scheduled if needed, with Radiology Imaging Solutions Inc. personnel during normal working hours. Additional applications training over the two days will be charged \$2,000.00 per day and must be scheduled in advance

**1.0707 Special Programs**

The State is interested in any other special programs that vendor's may have. Please discuss these programs, such as return policies, trade-in programs allowing the return of new product not needed, quantity discounts, etc.

Bidder Response:

Radiology Imaging Solutions, Inc. offers:

**OFF-SITE INTERPRETATION (READING) OF PATIENT IMAGES BY CERTIFIED MICHIGAN RADIOLOGIST.**

Service includes;

- 1) Interpretation of images by certified Michigan Radiologist.
- 2) Critique of images by registered Radiologic Technologists on a monthly basis.
- 3) STAT Reads between 8:00AM and 8:00PM Monday through Friday.
- 4) All HIPAA compliance documentation.
- 5) Transcription of Radiologist's reports.
- 6) Transcribed report within 24 hours after images are received to be read.



**“Offsite” Disaster Recovery Archiving (OSDRA)**

Radiology Imaging Solutions’, Inc. “Offsite” Disaster Recovery Archiving (OSDRA). (Archive located in our Grand Rapids Office) Includes the following features:

**State of the Art Secure Technology:** HIPAA-compliant for disaster recovery and built to Standard Protocols (iSCSI, NAS, Fibre Channel) to support clinical and mission critical PACS systems. Our system’s open architecture integrates with any DICOM-compliant Picture Archiving and Communications System (PACS) component, as well as hospital networks and information systems.

**Fast:**

”Offsite” image storage (storage located at least 5.1 miles from primary archive) via T1 internet access, for rapid recovery, 24/7

**Comprehensive:**

Real-time data backup and restoration protects you from data loss. Our service, OSDRA, offers you a fully redundant, secure archive, without any up-front capital costs. You will be able to have a permanent archive on superior CD or DVD technology which is normally cost-effective only for large installations. Meeting all current and anticipated regulations, including the forthcoming HIPAA

**Affordable:**

The most cost-effective real-time recovery solution available anywhere, allows hospitals to leverage digital imaging technologies while reducing capital costs for equipment maintenance, storage and personnel. A onetime installation fee of is required at each facility to setup VPN Connections and Archive configurations. Virtually all hardware and software is supplied and supported by Radiology Imaging Solutions, Inc. — you pay only for the studies you store. Facility must supply network connection, firewall and high speed VPN internet connection at the Facility’s location(s)

**Web Access 24/7**

OSDRA with the Web Access Option, provides "on-demand" access to images residing at our storage facility, linked via the Internet or Virtual Private Network to the facilities network. Patient Images may be viewed on any PC with internet access, via our secure web server sign-in and encrypted software transfer. No special software or hardware is required to view images. (First time viewers require a small, one time, Java download to view images

**1.0708 Security**

This Contract may require frequent deliveries to State of Michigan facilities. The contractor shall discuss all measures utilized by their firm to ensure the security and safety of these buildings. This shall include, but is not limited to, performance of security background checks on all personnel assigned to State of Michigan facilities (i.e. delivery people) and how they are performed, what the security check consists of, the name of the company that performs the security checks, use of uniforms and ID badges, etc. If security background checks are performed on staff, bidders shall indicate the name of the company that performs the check as well as provide a document stating that each employee has satisfactorily completed a security check and is suitable for assignment to State facilities. Upon request by the State, bidders shall provide the results of all security background checks.

Upon review of the security measures included in a Contractor’s proposal , the State will decide whether to issue State ID badges to the Contractor’s delivery personnel or accept the ID badge issued to delivery personnel by the contractor.

The State may decide to also perform a security background check. If so, the contractor will be required to provide to the State a list of all delivery people that will service State of Michigan facilities, including name and date of birth (social security number or driver license number would also be helpful).



The Contractor and its subcontractors shall comply with the security access requirements of individual State facilities; see section 2.051, Background Checks and Security.

**Bidder Response:**

Personnel department performs a yearly limited back ground check on all employees whom would enter state facilities. Currently we have several employees with MDOC lien clearances. They are in place because of the services we provide for the radiology departments at several of the facilities in the MDOC system. Additional criminal background checks are done as necessary by AAIM incorporated.

**Delivery Capabilities**

**1.0709 Time Frames**

It is requested that all orders be delivered within sixty (60) calendar days after receipt of order. However, the contractor shall discuss in detail the various delivery programs available. The State is interested in both a standard delivery program and a quick-ship program. Please discuss the delivery time associated with each program, as well as if there are quantity and other limitations for the quick ship program.

**Bidder Response:**

Delivery of new equipment will coincide with the removal of existing equipment whenever possible, reducing down-time of the radiology department dramatically. This will also help with escort staffing issues at each facility. Documented timelines will be provided for each facility.

**1.0710 Minimum Order**

It is requested that the minimum order is one (1). If the Contractor's minimum order requirement is less than one (1), that minimum, which will become the minimum order.

Also, please indicate in the space provided on the attached Item Listing any additional charge (handling fee) to be applicable on orders under one (1), or under the contractor's minimum order requirement indicated in the contractor's proposal or on the attached Item Listing.

**Bidder Response:**

Pricing reflects multiple unit discount, based on numbers that have been provided within the RFP. The multiple unit pricing was applied form guideline 3.024, *best value to the State of Michigan*

**1.0711 Packaging**

The contractor is requested to provide packaging that most closely meets these packaging sizes. However, the contractor can submit alternates. The state reserves the right of final approval on packaging offered by the contractor.

Packaging and containers, etc., shall be in accordance with supplier's commercial practice and shall meet the requirements of Department of Transportation (D.O.T.) and rail and motor carrier freight classifications in effect at time of shipment, which will permit application of the lowest freight rate.

**Bidder Response:**

Agreed

**1.0712 Palletizing**

Shipments shall be palletized whenever possible and shall conform to the following:



- Manufacturer’s standard 4-way shipping pallets are acceptable.
- Maximum height: 5'6"; including pallet.
- Maximum weight: 3500 pounds; including pallet.
- Pallets are to be securely banded or shrink-wrapped.
- The cost of palletizing must be included in the unit price.

Bidder Response:

Agreed

**1.0713 Delivery Term**

( X ) F.O.B. to MDOC Facility

Prices shall be quoted "F.O.B. Delivered" with transportation charges prepaid on all orders of one (1) or more to the State, or on all orders totaling or in excess of the bidder's minimum order requirement stated on the Item Listing .

Other F.O.B. terms will not be accepted and shall disqualify a bidder from further consideration. This supersedes “Instructions” contained within the DMB-285, Request for Proposal form.

Freight Charges - Should an agency order below the minimum order requirement of a Contract, or should a vendor quote F.O.B. Shipping Point on one-time purchases, the Contractor for shipping products must use one of the following carriers. Orders being shipped from or to in the State of Michigan or the States of Illinois, Indiana, Ohio, and Wisconsin, use Alvan Motor Freight (Tel: (800) 632-4172, attention Earl Batenburg); orders being shipped from or to ALL other states, use Roadway Express, Inc. (Tel: (800) 253-3193, attention David Lewis).

United Parcel Service (UPS) must be used in instances where the weight of the shipment is less than 150 lbs., or where shipments could be separated into smaller parcels such as three (3) 50 lb. packages. Also, if the shipment weighs less than 150 lbs, but costs \$3000 or more, it must be sent by the appropriate carrier listed above.

If the Contractor fails to follow these shipping instructions, the State shall pay the carrier used and deduct the difference from the Contractor's invoice for the amount that was charged and the amount that would have been charged if the requested carrier had been used.

Bidder Response:

Agreed

**1.0714 Contract Performance**

Indicate if the Contractor has had a contract terminated for default in the last three years. Termination for default is defined as notice to stop performance which was delivered to the Contractor due to the Contractor's non-performance or poor performance and the issue of performance was either (a) not litigated due to inaction on the part of the Contractor, or (b) litigated and determined that the Contractor was in default. If the Contractor has not had a contract terminated for default, the Contractor must affirmatively state this under "Reason" below.

If no terminations exist, the Contractor must affirmatively state this.

**Note:** If the Contractor has had a contract terminated for default in this period, the Contractor must submit full details including the other party's name, address, and phone number Purchasing Operations will evaluate the facts and may, at its sole discretion, reject the proposal on the grounds of past experience.

**Termination:** NO TERMINATIONS EXIST OR EVER EXISTED

**Reason:** \_\_\_\_\_

\_\_\_\_\_



**1.0715 Place of Performance**

The Contractor in the performance of this contract, must state if they intend to use one or more plants or facilities located at a different address from the address indicated in section 4.011. The following information must be provided for these plants or facilities:

<b>Place of Performance Full address</b>	<b>Owner/Operator of facility to be used</b>	<b>Percent (%) of Contract value to be Performed at listed Location</b>
N/A		

**1.0716 Environmental Requirements**

Energy Efficiency Purchasing Policy – The State shall seek wherever possible to purchase energy efficient products. This may include giving preference to U.S. Environmental Protection Agency (EPA) certified ‘Energy Star’ products for any category of products for which EPA has established Energy Star certification. For other purchases, the State may include energy efficiency as one of the priority factors to consider when choosing among comparable bids.

Environmental Purchasing Policy – The State of Michigan has committed to encourage the use of products and services that impact the environment less than competing products. This can be best accomplished by including environmental considerations in purchasing decisions, while remaining fiscally responsible, to promote practices that improve worker health, conserve natural resources, and prevent pollution. Environmental components that may be considered in Best Value Purchasing evaluation include: recycled content and recyclability; energy efficiency; and the presence of undesirable materials in the products, especially those toxic chemicals which are persistent and bio-accumulative. Bidders able to supply products containing recycled and environmentally preferable materials that meet performance requirements are encouraged to offer them in bids and proposals. Information on any relevant third party certification (such as Green Seal, Energy Star, etc.) should also be provided.

**I. Recycled Content and Recyclability**

**A. Recycled Packaging.** The Contractor may offer some or all of the following items listed below or provide alternative proposal as to how packaging materials can be reduced, eliminated or otherwise made more environmentally preferable. It is desirable that Bidders offer packaging which:

- a. is made from recycled content which meets or exceeds all federal and state recycled content guidelines (currently 35% post-consumer for all corrugated cardboard)
- b. minimizes or eliminates the use of polystyrene or other difficult to recycle materials
- c. minimizes or eliminates the use packaging and containers and, in the alternative, minimizes or eliminates the use of non-recyclable packaging and containers
- d. provides for a return program where packaging can be returned to a specific location for recycling
- e. contains materials which are easily recyclable in Michigan.

The Contractor is requested to indicate below an estimate of the percentage of recycled materials, if any, contained in each item bid. Higher percentages of recycled materials are preferred. Product performance is paramount, whether containing recycled material or not; however, preference will be given to products that perform up to specification and are environmentally preferable without compromising quality.

\_\_\_\_ 0 \_\_\_\_ % (Total estimated percentage of recovered material)

\_\_\_\_ 0 \_\_\_\_ % (Estimated percentage of post-consumer material)

\_\_\_\_ 0 \_\_\_\_ % (Estimated percentage of post-industrial waste)



Certification

I, Robert Barkema, am an officer or employee responsible for the performance of this contract and hereby certify that the percentage of recovered material content for EPA-designated products met the applicable contract specifications.

RAB (Initial)

II. Materials Identification and Tracking

A. Hazardous Material Identification. ‘Hazardous material’, as used in this clause, includes any material defined as hazardous under the latest version of federal Emergency Planning and Community Right-to-Know Act of 1986 (including revisions adopted during the term of the contract).

- (1) The bidder must list any hazardous material, as defined in §370.20 (a) of 40 CFR, to be delivered under this contract. The hazardous material shall be properly identified and include any applicable identification number, such as National Stock Number or Special Item Number. This information shall also be included on the Material Safety Data Sheet submitted under this contract.

Material (if none, enter ‘None’)	Identification Number
NONE	

- (2) This list must be updated during performance of the contract whenever the Contractor determines that any other material to be delivered under this contract is hazardous.
- (3) The apparently successful bidder agrees to submit, for each item as required prior to award, a Material Safety Data Sheet for each hazardous material identified in paragraph (1) of this clause. Data shall be submitted in accordance with Section 312 of the federal Emergency Planning and Community Right-to-Know Act, whether or not the apparently successful bidder is the actual manufacturer of these items. Failure to submit the Material Safety Data Sheet prior to award may result in the apparently successful bidder being considered non-responsive and ineligible for award.

B. Mercury Content. It is the clear intent of state agencies to avoid purchasing products that contain intentionally-added mercury whenever possible. Bidders shall offer mercury-free product alternatives whenever available. Should mercury-free alternatives not exist, as presently is the case with a few select products and devices such as fluorescent lamps or where the alternative is not yet cost competitive, such as dental amalgam, bidders shall offer the lowest mercury content available for a given application. Bidders shall disclose whenever products contain added-mercury by using the following format.

( ) Product contains added-Mercury (attach an explanation that includes: the amount or concentration of mercury and justification as to why this particular product is essential).

In addition, the Bidder shall also ensure that all products to be purchased containing intentionally added-mercury shall be labeled as: “product contains mercury/recycle or dispose of properly.” For instances where space constraints limit the amount or size of print, the chemical symbol “Hg” followed by a picture of a trash container with a diagonal line through it shall suffice for labeling requirements.

BIDDERS PLEASE NOTE: Michigan Law Prohibits the sale of mercury-containing thermostats, thermometers, sphygmomanometers (blood pressure monitors) and other types of medical devices. For specific details visit: [http://www.michigan.gov/deq/0,1607,7-135-3307\\_29693\\_4175-160230--,00.html](http://www.michigan.gov/deq/0,1607,7-135-3307_29693_4175-160230--,00.html)



C. Brominated Flame Retardants (BFR). Bidders shall disclose whether the products being offered contain toxic flame retardants. Bidders are encouraged to provide BFR-free alternatives when available.

( X ) Product does not contain BFR's

( ) Product does contain BFR's (attach an explanation)

D. Ozone Depleting Substances

'Ozone-depleting substance', as used in this clause, means any substance the Environmental Protection Agency designates in 40 CFR part 82 as:

(1) Class I, including, but not limited to, chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform; or

(2) Class II, including, but not limited to, hydrochlorofluorocarbons.

The Contractor shall label products which contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. 7671j (b), (c), and (d) and 40 CFR part 82, Subpart E, as follows:

'Warning: Contains (or manufactured with, if applicable) \_\_\_\_\_ (insert the name of the substance(s).), a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere.'

A. Clean Air and Water

Vendor certifies that any facility to be used in the performance of this contract has all the necessary environmental permits and is in consistent compliance with all applicable environmental requirements and has no outstanding unresolved violations.

The vendor will immediately notify the state, before award, of the receipt of any communication from the Environmental Protection Agency or any state environmental agency, of civil or criminal enforcement for any facility that the vendor proposes to use in the performance of this contract.

RAB (Initial)

B. Emergency Planning and Community Right-to-Know Reporting - By signing this offer, the bidder certifies that:

(1) The owner or operator of each facility that will be used in the performance of this contract is in compliance with the filing and reporting requirements described in sections 302, 304, 311, 312 and 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) (42 U.S.C. 11001, et. seq.) and section 6607 of the Pollution Prevention Act of 1990 (PPA) (42 U.S.C. 13101, et. seq.). EPCRA filing and reporting requirements include emergency planning notification, release reporting, hazardous chemical inventory reporting, and toxic chemical release inventory (TRI) reporting.

(2) The owner or operator of each facility that will be used in the performance of this contract will maintain compliance with the filing and reporting requirements described in sections 302, 304, 311, 312 and 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) (42 U.S.C. 11001, et. seq.) and section 6607 of the Pollution Prevention Act of 1990 (PPA) (42 U.S.C. 13101, et. seq.) for the life of the contract.

RAB (Initial)

**1.0717 Subcontractors**

Indicate below **ALL** work to be subcontracted under any resulting Contract (use additional attachment if necessary; estimates are acceptable):



Description of Work to be sub-contracted	Percent (%) of total contract value to be sub-contracted	Sub-contractor's name and principal place of business (City and State)

**1.0718 Reports and Meetings**

- (a) Reports.  
 Within thirty (30) days after the Effective Date, the parties shall determine an appropriate set of periodic reports to be issued by Contractor to the State. Such reports may include:
  - (i) separately address Contractor's performance in each area of the Services;
  - (ii) for each area of the Services, assess the degree to which Contractor has attained or failed to attain the pertinent objectives in that area, including on-time completion and delivery of Deliverables;
  - (iii) explain the reasons for any failure to achieve on-time completion and delivery of Deliverables and include a plan for corrective action where appropriate;
  - (iv) describe any circumstances that Contractor anticipates will impair or prevent on-time completion and delivery of Deliverables in upcoming reporting periods;
  - (v) include plans for corrective action or risk mitigation where appropriate and describe the status of ongoing problem resolution efforts;
  - (vi) provide reports setting forth a comparison of actual hours spent by Contractor (including its augmented personnel and Subcontractors) in performing the Project versus hours budgeted by Contractor.
  - (vii) set forth a record of the material personnel changes that pertain to the Services and describe planned changes during the upcoming month that may affect the Services.
  - (viii) include such documentation and other information may be mutually agreed to verify compliance with, and meeting the objectives of, this Contract.
  - (ix) set forth an updated schedule that provides information on the status of upcoming Deliverables, expected dates of delivery (or redelivery) of such Deliverables and estimates on timing for completion of the Project.
- (b) Meetings.  
 Within thirty (30) days after the Effective Date, the parties shall determine an appropriate set of meetings to be held between representatives of the State and Contractor. Contractor shall prepare and circulate an agenda sufficiently in advance of each such meeting to give participants an opportunity to prepare for the meeting. Contractor shall incorporate into such agenda items that the State desires to discuss. At the State's request, Contractor shall prepare and circulate minutes promptly after a meeting.

**1.0719 Samples/Models- Reserved**

**1.080 Additional Requirements**

**1.081 Additional Terms and Conditions specific to this RFP- Reserved**



**Article 2, Terms and Conditions**

**2.000 Contract Structure and Term**

**2.001 Contract Term**

This Contract is for a period of 3 years beginning 9/15/2009 through 9/14/2012. All outstanding Purchase Orders must also expire upon the termination (cancellation for any of the reasons listed in **Section 2.130**) of the Contract, unless otherwise extended under the Contract. Absent an early termination for any reason, Purchase Orders issued but not expired, by the end of the Contract’s stated term, will remain in effect for the balance of the fiscal year for which they were issued.

**2.002 Options to Renew**

This Contract may be renewed in writing by mutual agreement of the parties not less than 30 days before its expiration. The Contract may be renewed for up to two (2) additional 1 year periods.

**2.003 Legal Effect**

Contractor shall show acceptance of this Contract by signing two copies of the Contract and returning them to the Contract Administrator. The Contractor shall not proceed with the performance of the work to be done under the Contract, including the purchase of necessary materials, until both parties have signed the Contract to show acceptance of its terms, and the Contractor receives a contract release/purchase order that authorizes and defines specific performance requirements.

Except as otherwise agreed in writing by the parties, the State assumes no liability for costs incurred by Contractor or payment under this Contract, until Contractor is notified in writing that this Contract (or Change Order) has been approved by the State Administrative Board (if required), approved and signed by all the parties, and a Purchase Order against the Contract has been issued.

**2.004 Attachments & Exhibits**

All Attachments and Exhibits affixed to any and all Statement(s) of Work, or appended to or referencing this Contract, are incorporated in their entirety and form part of this Contract.

**2.005 Ordering**

The State will issue a written Purchase Order, Blanket Purchase Order, Direct Voucher or Procurement Card Order, which must be approved by the Contract Administrator or the Contract Administrator's designee, to order any Services/Deliverables under this Contract. All orders are subject to the terms and conditions of this Contract. No additional terms and conditions contained on either a Purchase Order or Blanket Purchase Order apply unless they are also specifically contained in that Purchase Order's or Blanket Purchase Order's accompanying Statement of Work. Exact quantities to be purchased are unknown, however, the Contractor will be required to furnish all such materials and services as may be ordered during the CONTRACT period. Quantities specified, if any, are estimates based on prior purchases, and the State is not obligated to purchase in these or any other quantities.

**2.006 Order of Precedence**

(a) The Contract, including any Statements of Work and Exhibits, to the extent not contrary to the Contract, each of which is incorporated for all purposes, constitutes the entire agreement between the parties with respect to the subject matter and supersedes all prior agreements, whether written or oral, with respect to the subject matter and as additional terms and conditions on the purchase order must apply as limited by **Section 2.005**.

(b) In the event of any inconsistency between the terms of the Contract and a Statement of Work, the terms of the Statement of Work will take precedence (as to that Statement of Work only); provided, however, that a Statement of Work may not modify or amend the terms of the Contract, which may be modified or amended only by a formal Contract amendment.

**2.007 Headings**

Captions and headings used in the Contract are for information and organization purposes. Captions and headings, including inaccurate references, do not, in any way, define or limit the requirements or terms and conditions of the Contract.



**2.008 Form, Function & Utility**

If the Contract is for use of more than one State agency and if the Deliverable/Service does not the meet the form, function, and utility required by that State agency, that agency may, subject to State purchasing policies, procure the Deliverable/Service from another source.

**2.009 Reformation and Severability**

Each provision of the Contract is severable from all other provisions of the Contract and, if one or more of the provisions of the Contract is declared invalid, the remaining provisions of the Contract remain in full force and effect.

**2.010 Consents and Approvals**

Except as expressly provided otherwise in the Contract, if either party requires the consent or approval of the other party for the taking of any action under the Contract, the consent or approval must be in writing and must not be unreasonably withheld or delayed.

**2.011 No Waiver of Default**

If a party fails to insist upon strict adherence to any term of the Contract then the party has not waived the right to later insist upon strict adherence to that term, or any other term, of the Contract.

**2.012 Survival**

Any provisions of the Contract that impose continuing obligations on the parties, including without limitation the parties' respective warranty, indemnity and confidentiality obligations, survive the expiration or termination of the Contract for any reason. Specific references to survival in the Contract are solely for identification purposes and not meant to limit or prevent the survival of any other section.

**2.020 Contract Administration**

**2.021 Issuing Office**

This Contract is issued by the Department of Management and Budget, Purchasing Operations and the Michigan Department of Corrections (collectively, including all other relevant State of Michigan departments and agencies, the "State"). Purchasing Operations is the sole point of contact in the State with regard to all procurement and contractual matters relating to the Contract. Purchasing Operations **is the only State office authorized to change, modify, amend, alter or clarify the prices, specifications, terms and conditions of this Contract.** The Contractor Administrator within Purchasing Operations for this Contract is:

Irene Pena, Buyer Specialist  
 Purchasing Operations  
 Department of Management and Budget  
 Mason Bldg, 2nd Floor  
 PO Box 30026  
 Lansing, MI 48909  
 Email: [Penail@michigan.gov](mailto:Penail@michigan.gov)  
 Phone: (517) 241-1647

**2.022 Contract Compliance Inspector (CCI)**

After DMB-PurchOps receives the properly executed Contract, it is anticipated that the Director of Purchasing Operations, in consultation with the MDOC, will direct the person named below, or any other person so designated, to monitor and coordinate the activities for the Contract on a day-to-day basis during its term. However, monitoring of this Contract implies **no authority to change, modify, clarify, amend, or otherwise alter the prices, terms, conditions and specifications of the Contract as that authority is retained by DMB Purchasing Operations.** The Contract Compliance Inspector for this Contract is:



Lia Gulick, Manager Financial Services Unit  
 Michigan Department of Corrections  
 206 E. Michigan Ave.  
 Lansing, MI 48909  
[gulickll@michigan.gov](mailto:gulickll@michigan.gov)  
 517-241-9902

**2.023 Project Manager**

The following individual will oversee the project:

Duncan Howard, Administrator of Operations  
 Bureau of Health Care Services  
 Michigan Department of Corrections  
 206 E. Michigan Ave.  
 Lansing, MI 48909  
[Howard3@michigan.gov](mailto:Howard3@michigan.gov)  
 517-373-3437

**2.024 Change Requests**

The State reserves the right to request from time to time any changes to the requirements and specifications of the Contract and the work to be performed by the Contractor under the Contract. During the course of ordinary business, it may become necessary for the State to discontinue certain business practices or create Additional Services/Deliverables. At a minimum, to the extent applicable, the State would like the Contractor to provide a detailed outline of all work to be done, including tasks necessary to accomplish the services/deliverables, timeframes, listing of key personnel assigned, estimated hours for each individual per task, and a complete and detailed cost justification.

If the Contractor does not so notify the State, the Contractor has no right to claim thereafter that it is entitled to additional compensation for performing that service or providing that deliverable.

Change Requests:

- (a) By giving Contractor written notice within a reasonable time, the State must be entitled to accept a Contractor proposal for Change, to reject it, or to reach another agreement with Contractor. Should the parties agree on carrying out a Change, a written Contract Change Notice must be prepared and issued under this Contract, describing the Change and its effects on the Services and any affected components of this Contract (a “Contract Change Notice”).
- (b) No proposed Change must be performed until the proposed Change has been specified in a duly executed Contract Change Notice issued by the Department of Management and Budget, Purchasing Operations.
- (c) If the State requests or directs the Contractor to perform any activities that Contractor believes constitute a Change, the Contractor must notify the State that it believes the requested activities are a Change before beginning to work on the requested activities. If the Contractor fails to notify the State before beginning to work on the requested activities, then the Contractor waives any right to assert any claim for additional compensation or time for performing the requested activities. If the Contractor commences performing work outside the scope of this Contract and then ceases performing that work, the Contractor must, at the request of the State, retract any out-of-scope work that would adversely affect the Contract.

**2.025 Notices**

Any notice given to a party under the Contract must be deemed effective, if addressed to the party as addressed below, upon: (i) delivery, if hand delivered; (ii) receipt of a confirmed transmission by facsimile if a copy of the notice is sent by another means specified in this Section; (iii) the third Business Day after being sent by U.S. mail, postage pre-paid, return receipt requested; or (iv) the next Business Day after being sent by a nationally recognized overnight express courier with a reliable tracking system.



State:  
 State of Michigan  
 Purchasing Operations  
 Attention: Irene Pena, Buyer Specialist  
 PO Box 30026  
 530 West Allegan  
 Lansing, Michigan 48909

**2.026 Binding Commitments**

Representatives of Contractor must have the authority to make binding commitments on Contractor’s behalf within the bounds set forth in the table. Contractor may change the representatives from time to time upon written notice.

**2.027 Relationship of the Parties**

The relationship between the State and Contractor is that of client and independent contractor. No agent, employee, or servant of Contractor or any of its Subcontractors must be or must be deemed to be an employee, agent or servant of the State for any reason. Contractor will be solely and entirely responsible for its acts and the acts of its agents, employees, servants and Subcontractors during the performance of the Contract.

**2.028 Covenant of Good Faith**

Each party must act reasonably and in good faith. Unless stated otherwise in the Contract, the parties will not unreasonably delay, condition or withhold the giving of any consent, decision or approval that is either requested or reasonably required of them in order for the other party to perform its responsibilities under the Contract.

**2.029 Assignments**

(a) Neither party may assign the Contract, or assign or delegate any of its duties or obligations under the Contract, to any other party (whether by operation of law or otherwise), without the prior written consent of the other party; provided, however, that the State may assign the Contract to any other State agency, department, division or department without the prior consent of Contractor and Contractor may assign the Contract to an affiliate so long as the affiliate is adequately capitalized and can provide adequate assurances that the affiliate can perform the Contract. The State may withhold consent from proposed assignments, subcontracts, or novations when the transfer of responsibility would operate to decrease the State’s likelihood of receiving performance on the Contract or the State’s ability to recover damages.

(b) Contractor may not, without the prior written approval of the State, assign its right to receive payments due under the Contract. If the State permits an assignment, the Contractor is not relieved of its responsibility to perform any of its contractual duties, and the requirement under the Contract that all payments must be made to one entity continues.

(c) If the Contractor intends to assign the contract or any of the Contractor's rights or duties under the Contract, the Contractor must notify the State in writing at least 90 days before the assignment. The Contractor also must provide the State with adequate information about the assignee within a reasonable amount of time before the assignment for the State to determine whether to approve the assignment.

**2.030 General Provisions**

**2.031 Media Releases**

News releases (including promotional literature and commercial advertisements) pertaining to the RFP and Contract or project to which it relates shall not be made without prior written State approval, and then only in accordance with the explicit written instructions from the State. No results of the activities associated with the RFP and Contract are to be released without prior written approval of the State and then only to persons designated.



**2.032 Contract Distribution**

Purchasing Operations retains the sole right of Contract distribution to all State agencies and local units of government unless other arrangements are authorized by Purchasing Operations.

**2.033 Permits**

Contractor must obtain and pay any associated costs for all required governmental permits, licenses and approvals for the delivery, installation and performance of the Services. The State must pay for all costs and expenses incurred in obtaining and maintaining any necessary easements or right of way.

**2.034 Website Incorporation**

The State is not bound by any content on the Contractor’s website, even if the Contractor’s documentation specifically referenced that content and attempts to incorporate it into any other communication, unless the State has actual knowledge of the content and has expressly agreed to be bound by it in a writing that has been manually signed by an authorized representative of the State.

**2.035 Future Bidding Preclusion**

Contractor acknowledges that, to the extent this Contract involves the creation, research, investigation or generation of a future RFP; it may be precluded from bidding on the subsequent RFP. The State reserves the right to disqualify any bidder if the State determines that the bidder has used its position (whether as an incumbent Contractor, or as a Contractor hired to assist with the RFP development, or as a Vendor offering free assistance) to gain a competitive advantage on the RFP.

**2.036 Freedom of Information**

All information in any proposal submitted to the State by Contractor and this Contract is subject to the provisions of the Michigan Freedom of Information Act, 1976 Public Act No. 442, as amended, MCL 15.231, et seq (the “FOIA”).

**2.037 Disaster Recovery**

Contractor and the State recognize that the State provides essential services in times of natural or man-made disasters. Therefore, except as so mandated by Federal disaster response requirements, Contractor personnel dedicated to providing Services/Deliverables under this Contract will provide the State with priority service for repair and work around in the event of a natural or man-made disaster.

**2.040 Financial Provisions**

**2.041 Fixed Prices for Services/Deliverables**

Each Statement of Work or Purchase Order issued under this Contract shall specify (or indicate by reference to the appropriate Contract Exhibit) the firm, fixed prices for all Services/Deliverables, and the associated payment milestones and payment amounts. The State may make progress payments to the Contractor when requested as work progresses, but not more frequently than monthly, in amounts approved by the Contract Administrator, after negotiation. Contractor must show verification of measurable progress at the time of requesting progress payments.

**2.042 Adjustments for Reductions in Scope of Services/Deliverables**

If the scope of the Services/Deliverables under any Statement of Work issued under this Contract is subsequently reduced by the State, the parties shall negotiate an equitable reduction in Contractor’s charges under such Statement of Work commensurate with the reduction in scope.

**2.043 Services/Deliverables Covered**

For all Services/Deliverables to be provided by Contractor (and its Subcontractors, if any) under this Contract, the State shall not be obligated to pay any amounts in addition to the charges specified in this Contract.



**2.044 Invoicing and Payment – In General**

- (a) Each Statement of Work issued under this Contract shall list (or indicate by reference to the appropriate Contract Exhibit) the prices for all Services/Deliverables, equipment and commodities to be provided, and the associated payment milestones and payment amounts.
- (b) Each Contractor invoice will show details as to charges by Service/Deliverable component and location at a level of detail reasonably necessary to satisfy the State’s accounting and charge-back requirements. Invoices for Services performed on a time and materials basis will show, for each individual, the number of hours of Services performed during the billing period, the billable skill/labor category for such person and the applicable hourly billing rate. Prompt payment by the State is contingent on the Contractor’s invoices showing the amount owed by the State minus any holdback amount to be retained by the State in accordance with **Section 1.064**.
- (c) Correct invoices will be due and payable by the State, in accordance with the State’s standard payment procedure as specified in 1984 Public Act No. 279, MCL 17.51 et seq., within 45 days after receipt, provided the State determines that the invoice was properly rendered.
- (d) Contract Payment Schedule
  - 1. Contractor request for performance-based payment.  
The Contractor may submit requests for payment of performance-based payments not more frequently than monthly, in a form and manner acceptable to the Contract Administrator. Unless otherwise authorized by the Contract Administrator, all performance-based payments in any period for which payment is being requested shall be included in a single request, appropriately itemized and totaled.
  - 2. Approval and payment of requests.
    - a) The Contractor shall not be entitled to payment of a request for performance-based payment prior to successful accomplishment of the event or performance criterion for which payment is requested. The Contract Administrator shall determine whether the event or performance criterion for which payment is requested has been successfully accomplished in accordance with the terms of the contract. The Contract Administrator may, at any time, require the Contractor to substantiate the successful performance of any event or performance criterion, which has been or is represented as being payable.
    - b) A payment under this performance-based payment clause is a contract financing payment under the Quick Payment Terms in **Section 1.061** of this Contract.

The approval by the Contract Administrator of a request for performance-based payment does not constitute an acceptance by the Government and does not excuse the Contractor from performance of obligations under this Contract.

**2.045 Pro-ration**

To the extent there are any Services that are to be paid for on a monthly basis, the cost of such Services shall be pro-rated for any partial month.

**2.046 Antitrust Assignment**

The Contractor assigns to the State any claim for overcharges resulting from antitrust violations to the extent that those violations concern materials or services supplied by third parties to the Contractor, toward fulfillment of this Contract.

**2.047 Final Payment**

The making of final payment by the State to Contractor does not constitute a waiver by either party of any rights or other claims as to the other party’s continuing obligations under the Contract, nor will it constitute a waiver of any claims by one party against the other arising from unsettled claims or failure by a party to comply with this Contract, including claims for Services and Deliverables not reasonably known until after acceptance to be defective or substandard. Contractor’s acceptance of final payment by the State under this Contract shall constitute a waiver of all claims by Contractor against the State for payment under this Contract, other than those claims previously filed in writing on a timely basis and still unsettled.



**2.048 Electronic Payment Requirement**

Electronic transfer of funds is required for payments on State Contracts. Contractors are required to register with the State electronically at <http://www.cpexpress.state.mi.us>. As stated in Public Act 431 of 1984, all contracts that the State enters into for the purchase of goods and services shall provide that payment will be made by electronic fund transfer (EFT).

**2.050 Taxes**

**2.051 Employment Taxes**

Contractors are expected to collect and pay all applicable federal, state, and local employment taxes, including the taxes.

**2.052 Sales and Use Taxes**

Contractors are required to be registered and to remit sales and use taxes on taxable sales of tangible personal property or services delivered into the State. Contractors that lack sufficient presence in Michigan to be required to register and pay tax must do so as a volunteer. This requirement extends to: (1) all members of any controlled group as defined in § 1563(a) of the Internal Revenue Code and applicable regulations of which the company is a member, and (2) all organizations under common control as defined in § 414(c) of the Internal Revenue Code and applicable regulations of which the company is a member that make sales at retail for delivery into the State are registered with the State for the collection and remittance of sales and use taxes. In applying treasury regulations defining “two or more trades or businesses under common control” the term “organization” means sole proprietorship, a partnership (as defined in § 701(a)(2) of the Internal Revenue Code), a trust, an estate, a corporation, or a limited liability company.

**2.060 Contract Management**

**2.061 Contractor Personnel Qualifications**

All persons assigned by Contractor to the performance of Services under this Contract must be employees of Contractor or its majority-owned (directly or indirectly, at any tier) subsidiaries (or a State-approved Subcontractor) and must be fully qualified to perform the work assigned to them. Contractor must include a similar provision in any subcontract entered into with a Subcontractor. For the purposes of this Contract, independent contractors engaged by Contractor solely in a staff augmentation role must be treated by the State as if they were employees of Contractor for this Contract only; however, the State understands that the relationship between Contractor and Subcontractor is an independent contractor relationship.

**2.062 Contractor Key Personnel**

- (a) The Contractor must provide the Contract Compliance Inspector with the names of the Key Personnel.
- (b) Key Personnel must be dedicated as defined in the Statement of Work to the Project for its duration in the applicable Statement of Work with respect to other individuals designated as Key Personnel for that Statement of Work.
- (c) The State will have the right to recommend and approve in writing the initial assignment, as well as any proposed reassignment or replacement, of any Key Personnel. Before assigning an individual to any Key Personnel position, Contractor will notify the State of the proposed assignment, will introduce the individual to the appropriate State representatives, and will provide the State with a resume and any other information about the individual reasonably requested by the State. The State reserves the right to interview the individual before granting written approval. In the event the State finds a proposed individual unacceptable, the State will provide a written explanation including reasonable detail outlining the reasons for the rejection.
- (d) Contractor must not remove any Key Personnel from their assigned roles on the Contract without the prior written consent of the State. The Contractor’s removal of Key Personnel without the prior written consent of the State is an unauthorized removal (“Unauthorized Removal”). Unauthorized Removals does not include replacing Key Personnel for reasons beyond the reasonable control of Contractor, including illness, disability, leave of absence, personal emergency circumstances, resignation or for cause termination of the Key Personnel’s employment. Unauthorized Removals does not include replacing Key Personnel because of promotions or other job movements allowed by Contractor personnel policies or Collective Bargaining Agreement(s) as long as the



State receives prior written notice before shadowing occurs and Contractor provides 30 days of shadowing unless parties agree to a different time period. The Contractor with the State must review any Key Personnel replacements, and appropriate transition planning will be established. Any Unauthorized Removal may be considered by the State to be a material breach of the Contract, in respect of which the State may elect to exercise its termination and cancellation rights.

(e) The Contractor must notify the Contract Compliance Inspector and the Contract Administrator at least 10 business days before redeploying non-Key Personnel, who are dedicated to primarily to the Project, to other projects. If the State does not object to the redeployment by its scheduled date, the Contractor may then redeploy the non-Key Personnel.

**2.063 Re-assignment of Personnel at the State’s Request**

The State reserves the right to require the removal from the Project of Contractor personnel found, in the judgment of the State, to be unacceptable. The State’s request must be written with reasonable detail outlining the reasons for the removal request. Additionally, the State’s request must be based on legitimate, good-faith reasons. Replacement personnel for the removed person must be fully qualified for the position. If the State exercises this right, and the Contractor cannot immediately replace the removed personnel, the State agrees to an equitable adjustment in schedule or other terms that may be affected by the State’s required removal. If any incident with removed personnel results in delay not reasonably anticipatable under the circumstances and which is attributable to the State, the applicable SLAs for the affected Service will not be counted for a time as agreed to by the parties.

**2.064 Contractor Personnel Location**

All staff assigned by Contractor to work on the Contract will perform their duties either primarily at Contractor’s offices and facilities or at State facilities. Without limiting the generality of the foregoing, Key Personnel will, at a minimum, spend at least the amount of time on-site at State facilities as indicated in the applicable Statement of Work. Subject to availability, selected Contractor personnel may be assigned office space to be shared with State personnel.

**2.065 Contractor Identification**

Contractor employees must be clearly identifiable while on State property by wearing a State-issued badge, as required. Contractor employees are required to clearly identify themselves and the company they work for whenever making contact with State personnel by telephone or other means.

**2.066 Cooperation with Third Parties**

Contractor agrees to cause its personnel and the personnel of any Subcontractors to cooperate with the State and its agents and other contractors including the State’s Quality Assurance personnel. As reasonably requested by the State in writing, the Contractor will provide to the State’s agents and other contractors reasonable access to Contractor’s Project personnel, systems and facilities to the extent the access relates to activities specifically associated with this Contract and will not interfere or jeopardize the safety or operation of the systems or facilities. The State acknowledges that Contractor’s time schedule for the Contract is very specific and agrees not to unnecessarily or unreasonably interfere with, delay or otherwise impeded Contractor’s performance under this Contract with the requests for access.

**2.067 Contract Management Responsibilities**

The Contractor will be required to assume responsibility for all contractual activities, whether or not that Contractor performs them. Further, the State will consider the Contractor to be the sole point of contact with regard to contractual matters, including payment of any and all charges resulting from the anticipated Contract. If any part of the work is to be subcontracted, the Contract must include a list of subcontractors, including firm name and address, contact person and a complete description of work to be subcontracted. The State reserves the right to approve subcontractors and to require the Contractor to replace subcontractors found to be unacceptable. The Contractor is totally responsible for adherence by the subcontractor to all provisions of the Contract. Any change in subcontractors must be approved by the State, in writing, prior to such change.

**2.068 Contractor Return of State Equipment/Resources**

The Contractor must return to the State any State-furnished equipment, facilities and other resources when no longer required for the Contract in the same condition as when provided by the State, reasonable wear and tear excepted.



**2.070 Subcontracting by Contractor**

**2.071 Contractor full Responsibility**

Contractor shall have full responsibility for the successful performance and completion of all of the Services and Deliverables. The State will consider Contractor to be the sole point of contact with regard to all contractual matters under this Contract, including payment of any and all charges for Services and Deliverables.

**2.072 State Consent to delegation**

Contractor shall not delegate any duties under this Contract to a Subcontractor unless the Department of Management and Budget, Purchasing Operations has given written consent to such delegation. The State shall have the right of prior written approval of all Subcontractors and to require Contractor to replace any Subcontractors found, in the reasonable judgment of the State, to be unacceptable. The State’s request shall be written with reasonable detail outlining the reasons for the removal request. Additionally, the State’s request shall be based on legitimate, good-faith reasons. Replacement Subcontractor(s) for the removed Subcontractor shall be fully qualified for the position. If the State exercises this right, and the Contractor cannot immediately replace the removed Subcontractor, the State will agree to an equitable adjustment in schedule or other terms that may be affected by the State’s required removal. If any such incident with a removed Subcontractor results in delay not reasonable anticipatable under the circumstances and which is attributable to the State, the applicable SLA for the affected Work will not be counted in time agreed upon by the parties.

**2.073 Subcontractor bound to Contract**

In any subcontracts entered into by Contractor for the performance of the Services, Contractor shall require the Subcontractor, to the extent of the Services to be performed by the Subcontractor, to be bound to Contractor by the terms of this Contract and to assume toward Contractor all of the obligations and responsibilities that Contractor, by this Contract, assumes toward the State. The State reserves the right to receive copies of and review all subcontracts, although Contractor may delete or mask any proprietary information, including pricing, contained in such contracts before providing them to the State. The management of any Subcontractor will be the responsibility of Contractor, and Contractor shall remain responsible for the performance of its Subcontractors to the same extent as if Contractor had not subcontracted such performance. Contractor shall make all payments to Subcontractors or suppliers of Contractor. Except as otherwise agreed in writing by the State and Contractor, the State will not be obligated to direct payments for the Services other than to Contractor. The State’s written approval of any Subcontractor engaged by Contractor to perform any obligation under this Contract shall not relieve Contractor of any obligations or performance required under this Contract. Attached as **Exhibit A** is a list of the Subcontractors, if any, approved by the State as of the execution of this Contract, together with a copy of the applicable subcontract.

**2.074 Flow Down**

Except where specifically approved in writing by the State on a case-by-case basis, Contractor shall flow down the obligations in **Sections 2.031, 2.060, 2.100, 2.110, 2.120, 2.130, 2.200** in all of its agreements with any Subcontractors.

**2.075 Competitive Selection**

The Contractor shall select subcontractors (including suppliers) on a competitive basis to the maximum practical extent consistent with the objectives and requirements of the Contract.

**2.080 State Responsibilities**

**2.081 Equipment**

The State will provide only the equipment and resources identified in the Statements of Work and other Contract Exhibits.



**2.082 Facilities**

The State must designate space as long as it is available and as provided in the Statement of Work, to house the Contractor’s personnel whom the parties agree will perform the Services/Deliverables at State facilities (collectively, the “State Facilities”). The Contractor must have reasonable access to, and unless agreed otherwise by the parties in writing must observe and comply with all rules and regulations relating to each of the State Facilities (including hours of operation) used by the Contractor in the course of providing the Services. Contractor agrees that it will not, without the prior written consent of the State, use any State Facilities or access any State information systems provided for the Contractor’s use, or to which the Contractor otherwise gains access in the course of performing the Services, for any purpose other than providing the Services to the State.

**2.090 Security**

**2.091 Background Checks**

On a case-by-case basis, the State may investigate the Contractor's personnel before they may have access to State facilities and systems. The scope of the background check is at the discretion of the State and the results will be used to determine Contractor personnel eligibility for working within State facilities and systems. The investigations will include Michigan State Police Background checks (ICHAT) and may include the National Crime Information Center (NCIC) Finger Prints. Proposed Contractor personnel may be required to complete and submit an RI-8 Fingerprint Card for the NCIC Finger Print Check. Any request for background checks will be initiated by the State and will be reasonably related to the type of work requested.

All Contractor personnel will also be expected to comply with the State’s security and acceptable use policies for State IT equipment and resources. See <http://www.michigan.gov/dit>. Furthermore, Contractor personnel will be expected to agree to the State’s security and acceptable use policies before the Contractor personnel will be accepted as a resource to perform work for the State. It is expected the Contractor will present these documents to the prospective employee before the Contractor presents the individual to the State as a proposed resource. Contractor staff will be expected to comply with all Physical Security procedures in place within the facilities where they are working.

**2.092 Security Breach Notification**

If the Contractor breaches this Section, the Contractor must (i) promptly cure any deficiencies and (ii) comply with any applicable federal and state laws and regulations pertaining to unauthorized disclosures. Contractor and the State will cooperate to mitigate, to the extent practicable, the effects of any breach, intrusion, or unauthorized use or disclosure. Contractor must report to the State in writing any use or disclosure of Confidential Information, whether suspected or actual, other than as provided for by the Contract within 10 days of becoming aware of the use or disclosure or the shorter time period as is reasonable under the circumstances.

**2.093 PCI Data Security Requirements- Reserved**

**2.100 Confidentiality**

**2.101 Confidentiality**

Contractor and the State each acknowledge that the other possesses and will continue to possess confidential information that has been developed or received by it. As used in this Section, “Confidential Information” of Contractor must mean all non-public proprietary information of Contractor (other than Confidential Information of the State as defined below) which is marked confidential, restricted, proprietary or with a similar designation. “Confidential Information” of the State must mean any information which is retained in confidence by the State (or otherwise required to be held in confidence by the State under applicable federal, state and local laws and regulations) or which, in the case of tangible materials provided to Contractor by the State under its performance under this Contract, is marked as confidential, proprietary or with a similar designation by the State. “Confidential Information” excludes any information (including this Contract) that is publicly available under the Michigan FOIA.



**2.102 Protection and Destruction of Confidential Information**

The State and Contractor will each use at least the same degree of care to prevent disclosing to third parties the Confidential Information of the other as it employs to avoid unauthorized disclosure, publication or dissemination of its own confidential information of like character, but in no event less than reasonable care. Neither Contractor nor the State will (i) make any use of the Confidential Information of the other except as contemplated by this Contract, (ii) acquire any right in or assert any lien against the Confidential Information of the other, or (iii) if requested to do so, refuse for any reason to promptly return the other party's Confidential Information to the other party. Each party will limit disclosure of the other party's Confidential Information to employees and Subcontractors who must have access to fulfill the purposes of this Contract. Disclosure to, and use by, a Subcontractor is permissible where (A) use of a Subcontractor is authorized under this Contract, (B) the disclosure is necessary or otherwise naturally occurs in connection with work that is within the Subcontractor's scope of responsibility, and (C) Contractor obligates the Subcontractor in a written Contract to maintain the State's Confidential Information in confidence. At the State's request, any employee of Contractor and of any Subcontractor having access or continued access to the State's Confidential Information may be required to execute an acknowledgment that the employee has been advised of Contractor's and the Subcontractor's obligations under this Section and of the employee's obligation to Contractor or Subcontractor, as the case may be, to protect the Confidential Information from unauthorized use or disclosure.

Promptly upon termination or cancellation of the Contract for any reason, Contractor must certify to the State that Contractor has destroyed all State Confidential Information.

**2.103 Exclusions**

Notwithstanding the foregoing, the provisions of **Section 2.080** will not apply to any particular information which the State or Contractor can demonstrate (i) was, at the time of disclosure to it, in the public domain; (ii) after disclosure to it, is published or otherwise becomes part of the public domain through no fault of the receiving party; (iii) was in the possession of the receiving party at the time of disclosure to it without an obligation of confidentiality; (iv) was received after disclosure to it from a third party who had a lawful right to disclose the information to it without any obligation to restrict its further disclosure; or (v) was independently developed by the receiving party without reference to Confidential Information of the furnishing party. Further, the provisions of **Section 2.080** will not apply to any particular Confidential Information to the extent the receiving party is required by law to disclose the Confidential Information, provided that the receiving party (i) promptly provides the furnishing party with notice of the legal request, and (ii) assists the furnishing party in resisting or limiting the scope of the disclosure as reasonably requested by the furnishing party.

**2.104 No Implied Rights**

Nothing contained in this Section must be construed as obligating a party to disclose any particular Confidential Information to the other party, or as granting to or conferring on a party, expressly or impliedly, any right or license to the Confidential Information of the other party.

**2.105 Respective Obligations**

The parties' respective obligations under this Section must survive the termination or expiration of this Contract for any reason.

**2.110 Records and Inspections**

**2.111 Inspection of Work Performed**

The State's authorized representatives must at all reasonable times and with 10 days prior written request, have the right to enter Contractor's premises, or any other places, where the Services are being performed, and must have access, upon reasonable request, to interim drafts of Deliverables or work-in-progress. Upon 10 Days prior written notice and at all reasonable times, the State's representatives must be allowed to inspect, monitor, or otherwise evaluate the work being performed and to the extent that the access will not reasonably interfere or jeopardize the safety or operation of the systems or facilities. Contractor must provide all reasonable facilities and assistance for the State's representatives.



**2.112 Examination of Records**

For seven years after the Contractor provides any work under this Contract (the "Audit Period"), the State may examine and copy any of Contractor's books, records, documents and papers pertinent to establishing Contractor's compliance with the Contract and with applicable laws and rules. The State must notify the Contractor 20 days before examining the Contractor's books and records. The State does not have the right to review any information deemed confidential by the Contractor to the extent access would require the confidential information to become publicly available. This provision also applies to the books, records, accounts, documents and papers, in print or electronic form, of any parent, affiliated or subsidiary organization of Contractor, or any Subcontractor of Contractor performing services in connection with the Contract.

**2.113 Retention of Records**

Contractor must maintain at least until the end of the Audit Period all pertinent financial and accounting records (including time sheets and payroll records, and information pertaining to the Contract and to the Services, equipment, and commodities provided under the Contract) pertaining to the Contract according to generally accepted accounting principles and other procedures specified in this Section. Financial and accounting records must be made available, upon request, to the State at any time during the Audit Period. If an audit, litigation, or other action involving Contractor's records is initiated before the end of the Audit Period, the records must be retained until all issues arising out of the audit, litigation, or other action are resolved or until the end of the Audit Period, whichever is later.

**2.114 Audit Resolution**

If necessary, the Contractor and the State will meet to review each audit report promptly after issuance. The Contractor will respond to each audit report in writing within 30 days from receipt of the report, unless a shorter response time is specified in the report. The Contractor and the State must develop, agree upon and monitor an action plan to promptly address and resolve any deficiencies, concerns, and/or recommendations in the audit report.

**2.115 Errors**

- (a) If the audit demonstrates any errors in the documents provided to the State, then the amount in error must be reflected as a credit or debit on the next invoice and in subsequent invoices until the amount is paid or refunded in full. However, a credit or debit may not be carried for more than four invoices. If a balance remains after four invoices, then the remaining amount will be due as a payment or refund within 45 days of the last quarterly invoice that the balance appeared on or termination of the contract, whichever is earlier.
- (b) In addition to other available remedies, the difference between the payment received and the correct payment amount is greater than 10%, then the Contractor must pay all of the reasonable costs of the audit.

**2.120 Warranties**

**2.121 Warranties and Representations**

The Contractor represents and warrants:

- (a) It is capable in all respects of fulfilling and must fulfill all of its obligations under this Contract. The performance of all obligations under this Contract must be provided in a timely, professional, and workman-like manner and must meet the performance and operational standards required under this Contract.
- (b) The Contract Appendices, Attachments and Exhibits identify the equipment and software and services necessary for the Deliverable(s) to perform and Services to operate in compliance with the Contract's requirements and other standards of performance.
- (c) It is the lawful owner or licensee of any Deliverable licensed or sold to the State by Contractor or developed by Contractor under this Contract, and Contractor has all of the rights necessary to convey to the State the ownership rights or licensed use, as applicable, of any and all Deliverables. None of the Deliverables provided by Contractor to the State under this Contract, nor their use by the State, will infringe the patent, copyright, trade secret, or other proprietary rights of any third party.



- (d) If, under this Contract, Contractor procures any equipment, software or other Deliverable for the State (including equipment, software and other Deliverables manufactured, re-marketed or otherwise sold by Contractor under Contractor's name), then in addition to Contractor's other responsibilities with respect to the items in this Contract, Contractor must assign or otherwise transfer to the State or its designees, or afford the State the benefits of, any manufacturer's warranty for the Deliverable.
- (e) The contract signatory has the power and authority, including any necessary corporate authorizations, necessary to enter into this Contract, on behalf of Contractor.
- (f) It is qualified and registered to transact business in all locations where required.
- (g) Neither the Contractor nor any Affiliates, nor any employee of either, has, must have, or must acquire, any contractual, financial, business, or other interest, direct or indirect, that would conflict in any manner or degree with Contractor's performance of its duties and responsibilities to the State under this Contract or otherwise create an appearance of impropriety with respect to the award or performance of this Agreement. Contractor must notify the State about the nature of the conflict or appearance of impropriety within two days of learning about it.
- (h) Neither Contractor nor any Affiliates, nor any employee of either has accepted or must accept anything of value based on an understanding that the actions of the Contractor or Affiliates or employee on behalf of the State would be influenced. Contractor must not attempt to influence any State employee by the direct or indirect offer of anything of value.
- (i) Neither Contractor nor any Affiliates, nor any employee of either has paid or agreed to pay any person, other than bona fide employees and consultants working solely for Contractor or the Affiliate, any fee, commission, percentage, brokerage fee, gift, or any other consideration, contingent upon or resulting from the award or making of this Contract.
- (j) The prices proposed by Contractor were arrived at independently, without consultation, communication, or agreement with any other bidder for the purpose of restricting competition; the prices quoted were not knowingly disclosed by Contractor to any other bidder; and no attempt was made by Contractor to induce any other person to submit or not submit a proposal for the purpose of restricting competition.
- (k) All financial statements, reports, and other information furnished by Contractor to the State as part of its response to the RFP or otherwise in connection with the award of this Contract fairly and accurately represent the business, properties, financial condition, and results of operations of Contractor as of the respective dates, or for the respective periods, covered by the financial statements, reports, other information. Since the respective dates or periods covered by the financial statements, reports, or other information, there have been no material adverse change in the business, properties, financial condition, or results of operations of Contractor.
- (l) All written information furnished to the State by or for the Contractor in connection with this Contract, including its bid, is true, accurate, and complete, and contains no untrue statement of material fact or omits any material fact necessary to make the information not misleading.
- (m) It is not in material default or breach of any other contract or agreement that it may have with the State or any of its departments, commissions, boards, or agencies. Contractor further represents and warrants that it has not been a party to any contract with the State or any of its departments that was terminated by the State or the department within the previous five years for the reason that Contractor failed to perform or otherwise breached an obligation of the contract.
- (n) If any of the certifications, representations, or disclosures made in the Contractor's original bid response change after contract award, the Contractor is required to report those changes immediately to the Department of Management and Budget, Purchasing Operations.



**2.122 Warranty of Merchantability**

Goods provided by Contractor under this agreement shall be merchantable. All goods provided under this Contract shall be of good quality within the description given by the State, shall be fit for their ordinary purpose, shall be adequately contained and packaged within the description given by the State, shall conform to the agreed upon specifications, and shall conform to the affirmations of fact made by the Contractor or on the container or label.

**2.123 Warranty of Fitness for a Particular Purpose**

When the Contractor has reason to know or knows any particular purpose for which the goods are required, and the State is relying on the Contractor’s skill or judgment to select or furnish suitable goods, there is a warranty that the goods are fit for such purpose.

**2.124 Warranty of Title**

Contractor shall, in providing goods to the State, convey good title in those goods, whose transfer is right and lawful. All goods provided by Contractor shall be delivered free from any security interest, lien, or encumbrance of which the State, at the time of contracting, has no knowledge. Goods provided by Contractor, under this Contract, shall be delivered free of any rightful claim of any third person by of infringement or the like.

**2.125 Equipment Warranty**

To the extent Contractor is responsible under this Contract for maintaining equipment/system(s), Contractor represents and warrants that it will maintain the equipment/system(s) in good operating condition and will undertake all repairs and preventive maintenance according to the applicable manufacturer's recommendations for the period specified in this Contract.

The Contractor represents and warrants that the equipment/system(s) are in good operating condition and operate and perform to the requirements and other standards of performance contained in this Contract, when installed, at the time of Final Acceptance by the State, and for a period of one year commencing upon the first day following Final Acceptance.

Within 10 business days of notification from the State, the Contractor must adjust, repair or replace all equipment that is defective or not performing in compliance with the Contract. The Contractor must assume all costs for replacing parts or units and their installation including transportation and delivery fees, if any.

The Contractor must provide a toll-free telephone number to allow the State to report equipment failures and problems to be remedied by the Contractor.

The Contractor agrees that all warranty service it provides under this Contract must be performed by Original Equipment Manufacturer (OEM) trained, certified and authorized technicians.

The Contractor is the sole point of contact for warranty service. The Contractor warrants that it will pass through to the State any warranties obtained or available from the original equipment manufacturer, including any replacement, upgraded, or additional equipment warranties.

All warranty work must be performed on the State of Michigan worksite(s).

**2.126 Equipment to be New**

If applicable, all equipment provided under this Contract by Contractor shall be new where Contractor has knowledge regarding whether the equipment is new or assembled from new or serviceable used parts that are like new in performance or has the option of selecting one or the other. Equipment that is assembled from new or serviceable used parts that are like new in performance is acceptable where Contractor does not have knowledge or the ability to select one or other, unless specifically agreed otherwise in writing by the State.



**2.127 Prohibited Products**

The State will not accept salvage, distressed, outdated or discontinued merchandise. Shipping of such merchandise to any State agency, as a result of an order placed against the Contract, shall be considered default by the Contractor of the terms and conditions of the Contract and may result in cancellation of the Contract by the State. The brand and product number offered for all items shall remain consistent for the term of the Contract, unless Purchasing Operations has approved a change order pursuant to **Section 2.024**.

**2.128 Consequences For Breach**

In addition to any remedies available in law, if the Contractor breaches any of the warranties contained in this section, the breach may be considered as a default in the performance of a material obligation of this Contract.

**2.130 Insurance**

**2.131 Liability Insurance**

The Contractor must provide proof of the minimum levels of insurance coverage as indicated below. The insurance must protect the State from claims which may arise out of or result from the Contractor’s performance of services under the terms of this Contract, whether the services are performed by the Contractor, or by any subcontractor, or by anyone directly or indirectly employed by any of them, or by anyone for whose acts they may be liable.

The Contractor waives all rights against the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees and agents for recovery of damages to the extent these damages are covered by the insurance policies the Contractor is required to maintain under this Contract.

All insurance coverages provided relative to this Contract/Purchase Order are PRIMARY and NON-CONTRIBUTING to any comparable liability insurance (including self-insurances) carried by the State.

The insurance must be written for not less than any minimum coverage specified in this Contract or required by law, whichever is greater.

The insurers selected by Contractor must have an A.M. Best rating of A or better, or as otherwise approved in writing by the State, or if the ratings are no longer available, with a comparable rating from a recognized insurance rating agency. All policies of insurance required in this Contract must be issued by companies that have been approved to do business in the State.

See [www.michigan.gov/dleg](http://www.michigan.gov/dleg).

Where specific limits are shown, they are the minimum acceptable limits. If Contractor’s policy contains higher limits, the State must be entitled to coverage to the extent of the higher limits.

The Contractor is required to pay for and provide the type and amount of insurance checked  below:

- 1. Commercial General Liability with the following minimum coverage:
  - \$2,000,000 General Aggregate Limit other than Products/Completed Operations
  - \$2,000,000 Products/Completed Operations Aggregate Limit
  - \$1,000,000 Personal & Advertising Injury Limit
  - \$1,000,000 Each Occurrence Limit

The Contractor must list the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees and agents as ADDITIONAL INSURED on the Commercial General Liability certificate. The Contractor also agrees to provide evidence that insurance policies contain a waiver of subrogation by the insurance company.



2. If a motor vehicle is used to provide services or products under this Contract, the Contractor must have vehicle liability insurance on any auto including owned, hired and non-owned vehicles used in Contractor's business for bodily injury and property damage as required by law.

The Contractor must list the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees and agents as ADDITIONAL INSUREDS on the vehicle liability certificate. The Contractor also agrees to provide evidence that insurance policies contain a waiver of subrogation by the insurance company.

3. Workers' compensation coverage must be provided according to applicable laws governing the employees and employers work activities in the state of the Contractor's domicile. If the applicable coverage is provided by a self-insurer, proof must be provided of approved self-insured authority by the jurisdiction of domicile. For employees working outside of the state of qualification, Contractor must provide appropriate certificates of insurance proving mandated coverage levels for the jurisdictions where the employees' activities occur.

Any certificates of insurance received must also provide a list of states where the coverage is applicable.

The Contractor also agrees to provide evidence that insurance policies contain a waiver of subrogation by the insurance company. This provision must not be applicable where prohibited or limited by the laws of the jurisdiction in which the work is to be performed.

4. Employers liability insurance with the following minimum limits:

- \$100,000 each accident
- \$100,000 each employee by disease
- \$500,000 aggregate disease

5. Employee Fidelity, including Computer Crimes, insurance naming the State as a loss payee, providing coverage for direct loss to the State and any legal liability of the State arising out of or related to fraudulent or dishonest acts committed by the employees of Contractor or its Subcontractors, acting alone or in collusion with others, in a minimum amount of one million dollars (\$1,000,000.00) with a maximum deductible of fifty thousand dollars (\$50,000.00).

6. Umbrella or Excess Liability Insurance in a minimum amount of ten million dollars (\$10,000,000.00), which must apply, at a minimum, to the insurance required in Subsection 1 (Commercial General Liability) above.

7. Professional Liability (Errors and Omissions) Insurance with the following minimum coverage: three million dollars (\$3,000,000.00) each occurrence and three million dollars (\$3,000,000.00) annual aggregate.

8. Fire and Personal Property Insurance covering against any loss or damage to the office space used by Contractor for any reason under this Contract, and the equipment, software and other contents of the office space, including without limitation, those contents used by Contractor to provide the Services to the State, up to its replacement value, where the office space and its contents are under the care, custody and control of Contractor. The policy must cover all risks of direct physical loss or damage, including without limitation, flood and earthquake coverage and coverage for computer hardware and software. The State must be endorsed on the policy as a loss payee as its interests appear.

**2.132 Subcontractor Insurance Coverage**

Except where the State has approved in writing a Contractor subcontract with other insurance provisions, Contractor must require all of its Subcontractors under this Contract to purchase and maintain the insurance coverage as described in this Section for the Contractor in connection with the performance of work by those Subcontractors. Alternatively, Contractor may include any Subcontractors under Contractor's insurance on the coverage required in this Section. Subcontractor(s) must fully comply with the insurance coverage required in this Section. Failure of Subcontractor(s) to comply with insurance requirements does not limit Contractor's liability or responsibility.



**2.133 Certificates of Insurance and Other Requirements**

Contractor must furnish to DMB-PurchOps, certificate(s) of insurance verifying insurance coverage or providing satisfactory evidence of self-insurance as required in this Section (the “Certificates”). The Certificate must be on the standard “accord” form or equivalent. **THE CONTRACT OR PURCHASE ORDER NO. MUST BE SHOWN ON THE CERTIFICATE OF INSURANCE TO ASSURE CORRECT FILING.** All Certificate(s) are to be prepared and submitted by the Insurance Provider. All Certificate(s) must contain a provision indicating that coverages afforded under the policies **WILL NOT BE CANCELLED, MATERIALLY CHANGED, OR NOT RENEWED** without 30 days prior written notice, except for 10 days for non-payment of premium, having been given to the Director of Purchasing Operations, Department of Management and Budget. The notice must include the Contract or Purchase Order number affected. Before the Contract is signed, and not less than 20 days before the insurance expiration date every year thereafter, the Contractor must provide evidence that the State and its agents, officers and employees are listed as additional insureds under each commercial general liability and commercial automobile liability policy. In the event the State approves the representation of the State by the insurer’s attorney, the attorney may be required to be designated as a Special Assistant Attorney General by the Attorney General of the State of Michigan.

The Contractor must maintain all required insurance coverage throughout the term of the Contract and any extensions and, in the case of claims-made Commercial General Liability policies, must secure tail coverage for at least three years following the expiration or termination for any reason of this Contract. The minimum limits of coverage specified above are not intended, and must not be construed, to limit any liability or indemnity of Contractor under this Contract to any indemnified party or other persons. Contractor is responsible for all deductibles with regard to the insurance. If the Contractor fails to pay any premium for required insurance as specified in this Contract, or if any insurer cancels or significantly reduces any required insurance as specified in this Contract without the State’s written consent, then the State may, after the State has given the Contractor at least 30 days written notice, pay the premium or procure similar insurance coverage from another company or companies. The State may deduct any part of the cost from any payment due the Contractor, or the Contractor must pay that cost upon demand by the State.

**2.140 Indemnification**

**2.141 General Indemnification**

To the extent permitted by law, the Contractor must indemnify, defend and hold harmless the State from liability, including all claims and losses, and all related costs and expenses (including reasonable attorneys’ fees and costs of investigation, litigation, settlement, judgments, interest and penalties), accruing or resulting to any person, firm or corporation that may be injured or damaged by the Contractor in the performance of this Contract and that are attributable to the negligence or tortious acts of the Contractor or any of its subcontractors, or by anyone else for whose acts any of them may be liable.

**2.142 Code Indemnification**

To the extent permitted by law, the Contractor shall indemnify, defend and hold harmless the State from any claim, loss, or expense arising from Contractor’s breach of the No Surreptitious Code Warranty.

**2.143 Employee Indemnification**

In any claims against the State of Michigan, its departments, divisions, agencies, sections, commissions, officers, employees and agents, by any employee of the Contractor or any of its subcontractors, the indemnification obligation under the Contract must not be limited in any way by the amount or type of damages, compensation or benefits payable by or for the Contractor or any of its subcontractors under worker’s disability compensation acts, disability benefit acts or other employee benefit acts. This indemnification clause is intended to be comprehensive. Any overlap in provisions, or the fact that greater specificity is provided as to some categories of risk, is not intended to limit the scope of indemnification under any other provisions.



**2.144 Patent/Copyright Infringement Indemnification**

To the extent permitted by law, the Contractor must indemnify, defend and hold harmless the State from and against all losses, liabilities, damages (including taxes), and all related costs and expenses (including reasonable attorneys’ fees and costs of investigation, litigation, settlement, judgments, interest and penalties) incurred in connection with any action or proceeding threatened or brought against the State to the extent that the action or proceeding is based on a claim that any piece of equipment, software, commodity or service supplied by the Contractor or its subcontractors, or the operation of the equipment, software, commodity or service, or the use or reproduction of any documentation provided with the equipment, software, commodity or service infringes any United States patent, copyright, trademark or trade secret of any person or entity, which is enforceable under the laws of the United States.

In addition, should the equipment, software, commodity, or service, or its operation, become or in the State’s or Contractor’s opinion be likely to become the subject of a claim of infringement, the Contractor must at the Contractor’s sole expense (i) procure for the State the right to continue using the equipment, software, commodity or service or, if the option is not reasonably available to the Contractor, (ii) replace or modify to the State’s satisfaction the same with equipment, software, commodity or service of equivalent function and performance so that it becomes non-infringing, or, if the option is not reasonably available to Contractor, (iii) accept its return by the State with appropriate credits to the State against the Contractor’s charges and reimburse the State for any losses or costs incurred as a consequence of the State ceasing its use and returning it.

Notwithstanding the foregoing, the Contractor has no obligation to indemnify or defend the State for, or to pay any costs, damages or attorneys’ fees related to, any claim based upon (i) equipment developed based on written specifications of the State; (ii) use of the equipment in a configuration other than implemented or approved in writing by the Contractor, including, but not limited to, any modification of the equipment by the State; or (iii) the combination, operation, or use of the equipment with equipment or software not supplied by the Contractor under this Contract.

**2.145 Continuation of Indemnification Obligations**

The Contractor’s duty to indemnify under this Section continues in full force and effect, notwithstanding the expiration or early cancellation of the Contract, with respect to any claims based on facts or conditions that occurred before expiration or cancellation.

**2.146 Indemnification Procedures**

The procedures set forth below must apply to all indemnity obligations under this Contract.

(a) After the State receives notice of the action or proceeding involving a claim for which it will seek indemnification, the State must promptly notify Contractor of the claim in writing and take or assist Contractor in taking, as the case may be, any reasonable action to avoid the imposition of a default judgment against Contractor. No failure to notify the Contractor relieves the Contractor of its indemnification obligations except to the extent that the Contractor can prove damages attributable to the failure. Within 10 days following receipt of written notice from the State relating to any claim, the Contractor must notify the State in writing whether Contractor agrees to assume control of the defense and settlement of that claim (a “Notice of Election”). After notifying Contractor of a claim and before the State receiving Contractor’s Notice of Election, the State is entitled to defend against the claim, at the Contractor’s expense, and the Contractor will be responsible for any reasonable costs incurred by the State in defending against the claim during that period.

(b) If Contractor delivers a Notice of Election relating to any claim: (i) the State is entitled to participate in the defense of the claim and to employ counsel at its own expense to assist in the handling of the claim and to monitor and advise the State about the status and progress of the defense; (ii) the Contractor must, at the request of the State, demonstrate to the reasonable satisfaction of the State, the Contractor’s financial ability to carry out its defense and indemnity obligations under this Contract; (iii) the Contractor must periodically advise the State about the status and progress of the defense and must obtain the prior written approval of the State before entering into any settlement of the claim or ceasing to defend against the claim and (iv) to the extent that any principles of Michigan governmental or public law may be involved or challenged, the State has the right, at its own expense, to control the defense of that portion of the claim involving the principles of Michigan governmental or public



law. But the State may retain control of the defense and settlement of a claim by notifying the Contractor in writing within 10 days after the State’s receipt of Contractor’s information requested by the State under clause (ii) of this paragraph if the State determines that the Contractor has failed to demonstrate to the reasonable satisfaction of the State the Contractor’s financial ability to carry out its defense and indemnity obligations under this Section. Any litigation activity on behalf of the State, or any of its subdivisions under this Section, must be coordinated with the Department of Attorney General. In the event the insurer’s attorney represents the State under this Section, the insurer’s attorney may be required to be designated as a Special Assistant Attorney General by the Attorney General of the State of Michigan.

(c) If Contractor does not deliver a Notice of Election relating to any claim of which it is notified by the State as provided above, the State may defend the claim in the manner as it may deem appropriate, at the cost and expense of Contractor. If it is determined that the claim was one against which Contractor was required to indemnify the State, upon request of the State, Contractor must promptly reimburse the State for all the reasonable costs and expenses.

**2.150 Termination/Cancellation**

**2.151 Notice and Right to Cure**

If the Contractor breaches the contract, and the State in its sole discretion determines that the breach is curable, then the State will provide the Contractor with written notice of the breach and a time period (not less than 30 days) to cure the Breach. The notice of breach and opportunity to cure is inapplicable for successive or repeated breaches or if the State determines in its sole discretion that the breach poses a serious and imminent threat to the health or safety of any person or the imminent loss, damage, or destruction of any real or tangible personal property.

**2.152 Termination for Cause**

- (a) The State may terminate this contract, for cause, by notifying the Contractor in writing, if the Contractor (i) breaches any of its material duties or obligations under this Contract (including a Chronic Failure to meet any particular SLA), or (ii) fails to cure a breach within the time period specified in the written notice of breach provided by the State
- (b) If this Contract is terminated for cause, the Contractor must pay all costs incurred by the State in terminating this Contract, including but not limited to, State administrative costs, reasonable attorneys’ fees and court costs, and any reasonable additional costs the State may incur to procure the Services/Deliverables required by this Contract from other sources. Re-procurement costs are not consequential, indirect or incidental damages, and cannot be excluded by any other terms otherwise included in this Contract, provided the costs are not in excess of 50% more than the prices for the Service/Deliverables provided under this Contract.
- (c) If the State chooses to partially terminate this Contract for cause, charges payable under this Contract will be equitably adjusted to reflect those Services/Deliverables that are terminated and the State must pay for all Services/Deliverables for which Final Acceptance has been granted provided up to the termination date. Services and related provisions of this Contract that are terminated for cause must cease on the effective date of the termination.
- (d) If the State terminates this Contract for cause under this Section, and it is determined, for any reason, that Contractor was not in breach of contract under the provisions of this section, that termination for cause must be deemed to have been a termination for convenience, effective as of the same date, and the rights and obligations of the parties must be limited to that otherwise provided in this Contract for a termination for convenience.

**2.153 Termination for Convenience**

The State may terminate this Contract for its convenience, in whole or part, if the State determines that a termination is in the State’s best interest. Reasons for the termination must be left to the sole discretion of the State and may include, but not necessarily be limited to (a) the State no longer needs the Services or products specified in the Contract, (b) relocation of office, program changes, changes in laws, rules, or regulations make implementation of the Services no longer practical or feasible, (c) unacceptable prices for Additional Services or New Work requested by the State, or (d) falsification or misrepresentation, by inclusion or non-inclusion, of



information material to a response to any RFP issued by the State. The State may terminate this Contract for its convenience, in whole or in part, by giving Contractor written notice at least 30 days before the date of termination. If the State chooses to terminate this Contract in part, the charges payable under this Contract must be equitably adjusted to reflect those Services/Deliverables that are terminated. Services and related provisions of this Contract that are terminated for cause must cease on the effective date of the termination.

**2.154 Termination for Non-Appropriation**

(a) Contractor acknowledges that, if this Contract extends for several fiscal years, continuation of this Contract is subject to appropriation or availability of funds for this Contract. If funds to enable the State to effect continued payment under this Contract are not appropriated or otherwise made available, the State must terminate this Contract and all affected Statements of Work, in whole or in part, at the end of the last period for which funds have been appropriated or otherwise made available by giving written notice of termination to Contractor. The State must give Contractor at least 30 days advance written notice of termination for non-appropriation or unavailability (or the time as is available if the State receives notice of the final decision less than 30 days before the funding cutoff).

(b) If funding for the Contract is reduced by law, or funds to pay Contractor for the agreed-to level of the Services or production of Deliverables to be provided by Contractor are not appropriated or otherwise unavailable, the State may, upon 30 days written notice to Contractor, reduce the level of the Services or the change the production of Deliverables in the manner and for the periods of time as the State may elect. The charges payable under this Contract will be equitably adjusted to reflect any equipment, services or commodities not provided by reason of the reduction.

(c) If the State terminates this Contract, eliminates certain Deliverables, or reduces the level of Services to be provided by Contractor under this Section, the State must pay Contractor for all Work-in-Process performed through the effective date of the termination or reduction in level, as the case may be and as determined by the State, to the extent funds are available. This Section will not preclude Contractor from reducing or stopping Services/Deliverables or raising against the State in a court of competent jurisdiction, any claim for a shortfall in payment for Services performed or Deliverables finally accepted before the effective date of termination.

**2.155 Termination for Criminal Conviction**

The State may terminate this Contract immediately and without further liability or penalty in the event Contractor, an officer of Contractor, or an owner of a 25% or greater share of Contractor is convicted of a criminal offense related to a State, public or private Contract or subcontract.

**2.156 Termination for Approvals Rescinded**

The State may terminate this Contract if any final administrative or judicial decision or adjudication disapproves a previously approved request for purchase of personal services under Constitution 1963, Article 11, § 5, and Civil Service Rule 7-1. In that case, the State will pay the Contractor for only the work completed to that point under the Contract. Termination may be in whole or in part and may be immediate as of the date of the written notice to Contractor or may be effective as of the date stated in the written notice.

**2.157 Rights and Obligations upon Termination**

(a) If the State terminates this Contract for any reason, the Contractor must (a) stop all work as specified in the notice of termination, (b) take any action that may be necessary, or that the State may direct, for preservation and protection of Deliverables or other property derived or resulting from this Contract that may be in Contractor’s possession, (c) return all materials and property provided directly or indirectly to Contractor by any entity, agent or employee of the State, (d) transfer title in, and deliver to, the State, unless otherwise directed, all Deliverables intended to be transferred to the State at the termination of the Contract and which are resulting from the Contract (which must be provided to the State on an “As-Is” basis except to the extent the amounts paid by the State in respect of the items included compensation to Contractor for the provision of warranty services in respect of the materials), and (e) take any action to mitigate and limit any potential damages, or requests for Contractor adjustment or termination settlement costs, to the maximum practical extent, including terminating or limiting as otherwise applicable those subcontracts and outstanding orders for material and supplies resulting from the terminated Contract.



(b) If the State terminates this Contract before its expiration for its own convenience, the State must pay Contractor for all charges due for Services provided before the date of termination and, if applicable, as a separate item of payment under this Contract, for Work In Process, on a percentage of completion basis at the level of completion determined by the State. All completed or partially completed Deliverables prepared by Contractor under this Contract, at the option of the State, becomes the State’s property, and Contractor is entitled to receive equitable fair compensation for the Deliverables. Regardless of the basis for the termination, the State is not obligated to pay, or otherwise compensate, Contractor for any lost expected future profits, costs or expenses incurred with respect to Services not actually performed for the State.

(c) Upon a good faith termination, the State may assume, at its option, any subcontracts and agreements for services and deliverables provided under this Contract, and may further pursue completion of the Services/Deliverables under this Contract by replacement contract or otherwise as the State may in its sole judgment deem expedient.

**2.158 Reservation of Rights**

Any termination of this Contract or any Statement of Work issued under it by a party must be with full reservation of, and without prejudice to, any rights or remedies otherwise available to the party with respect to any claims arising before or as a result of the termination.

**2.160 Termination by Contractor**

**2.161 Termination by Contractor**

If the State breaches the Contract, and the Contractor in its sole discretion determines that the breach is curable, then the Contractor will provide the State with written notice of the breach and a time period (not less than 30 days) to cure the breach. The Notice of Breach and opportunity to cure is inapplicable for successive and repeated breaches.

The Contractor may terminate this Contract if the State (i) materially breaches its obligation to pay the Contractor undisputed amounts due and owing under this Contract, (ii) breaches its other obligations under this Contract to an extent that makes it impossible or commercially impractical for the Contractor to perform the Services, or (iii) does not cure the breach within the time period specified in a written notice of breach. But the Contractor must discharge its obligations under **Section 2.160** before it terminates the Contract.

**2.170 Transition Responsibilities**

**2.171 Contractor Transition Responsibilities**

If the State terminates this contract, for convenience or cause, or if the Contract is otherwise dissolved, voided, rescinded, nullified, expires or rendered unenforceable, the Contractor agrees to comply with direction provided by the State to assist in the orderly transition of equipment, services, software, leases, etc. to the State or a third party designated by the State. If this Contract expires or terminates, the Contractor agrees to make all reasonable efforts to effect an orderly transition of services within a reasonable period of time that in no event will exceed 90 days. These efforts must include, but are not limited to, those listed in **Sections 2.141, 2.142, 2.143, 2.144, and 2.145**.

**2.172 Contractor Personnel Transition**

The Contractor must work with the State, or a specified third party, to develop a transition plan setting forth the specific tasks and schedule to be accomplished by the parties, to effect an orderly transition. The Contractor must allow as many personnel as practicable to remain on the job to help the State, or a specified third party, maintain the continuity and consistency of the services required by this Contract. In addition, during or following the transition period, in the event the State requires the Services of the Contractor’s subcontractors or vendors, as necessary to meet its needs, Contractor agrees to reasonably, and with good-faith, work with the State to use the Services of Contractor’s subcontractors or vendors. Contractor will notify all of Contractor’s subcontractors of procedures to be followed during transition.



**2.173 Contractor Information Transition**

The Contractor agrees to provide reasonable detailed specifications for all Services/Deliverables needed by the State, or specified third party, to properly provide the Services/Deliverables required under this Contract. The Contractor will provide the State with asset management data generated from the inception of this Contract through the date on which this Contractor is terminated in a comma-delineated format unless otherwise requested by the State. The Contractor will deliver to the State any remaining owed reports and documentation still in Contractor’s possession subject to appropriate payment by the State.

**2.174 Contractor Software Transition**

The Contractor must reasonably assist the State in the acquisition of any Contractor software required to perform the Services/use the Deliverables under this Contract. This must include any documentation being used by the Contractor to perform the Services under this Contract. If the State transfers any software licenses to the Contractor, those licenses must, upon expiration of the Contract, transfer back to the State at their current revision level. Upon notification by the State, Contractor may be required to freeze all non-critical changes to Deliverables/Services.

**2.175 Transition Payments**

If the transition results from a termination for any reason, reimbursement must be governed by the termination provisions of this Contract. If the transition results from expiration, the Contractor will be reimbursed for all reasonable transition costs (i.e. costs incurred within the agreed period after contract expiration that result from transition operations) at the rates agreed upon by the State. The Contractor will prepare an accurate accounting from which the State and Contractor may reconcile all outstanding accounts.

**2.176 State Transition Responsibilities**

In the event that this Contract is terminated, dissolved, voided, rescinded, nullified, or otherwise rendered unenforceable, the State agrees to perform the following obligations, and any others upon which the State and the Contractor agree:

- (a) Reconciling all accounts between the State and the Contractor;
- (b) Completing any pending post-project reviews.

**2.180 Stop Work**

**2.181 Stop Work Orders**

The State may, at any time, by written stop work order to Contractor, require that Contractor stop all, or any part, of the work called for by the Contract for a period of up to 90 calendar days after the stop work order is delivered to Contractor, and for any further period to which the parties may agree. The stop work order must be identified as a stop work order and must indicate that it is issued under this **Section 2.150**. Upon receipt of the stop work order, Contractor must immediately comply with its terms and take all reasonable steps to minimize incurring costs allocable to the work covered by the stop work order during the period of work stoppage. Within the period of the stop work order, the State must either: (a) cancel the stop work order; or (b) terminate the work covered by the stop work order as provided in **Section 2.130**.

**2.182 Cancellation or Expiration of Stop Work Order**

The Contractor must resume work if the State cancels a Stop Work Order or if it expires. The parties will agree upon an equitable adjustment in the delivery schedule, the Contract price, or both, and the Contract must be modified, in writing, accordingly, if: (a) the stop work order results in an increase in the time required for, or in Contractor’s costs properly allocable to, the performance of any part of the Contract; and (b) Contractor asserts its right to an equitable adjustment within 30 calendar days after the end of the period of work stoppage; provided that, if the State decides the facts justify the action, the State may receive and act upon a Contractor proposal submitted at any time before final payment under the Contract. Any adjustment will conform to the requirements of **Section 2.024**.



**2.183 Allowance of Contractor Costs**

If the stop work order is not canceled and the work covered by the stop work order is terminated for reasons other than material breach, the termination must be deemed to be a termination for convenience under **Section 2.130**, and the State will pay reasonable costs resulting from the stop work order in arriving at the termination settlement. For the avoidance of doubt, the State is not be liable to Contractor for loss of profits because of a stop work order issued under this **Section 2.150**.

**2.190 Dispute Resolution**

**2.191 In General**

Any claim, counterclaim, or dispute between the State and Contractor arising out of or relating to the Contract or any Statement of Work must be resolved as follows. For all Contractor claims seeking an increase in the amounts payable to Contractor under the Contract, or the time for Contractor’s performance, Contractor must submit a letter, together with all data supporting the claims, executed by Contractor’s Contract Administrator or the Contract Administrator’s designee certifying that (a) the claim is made in good faith, (b) the amount claimed accurately reflects the adjustments in the amounts payable to Contractor or the time for Contractor’s performance for which Contractor believes the State is liable and covers all costs of every type to which Contractor is entitled from the occurrence of the claimed event, and (c) the claim and the supporting data are current and complete to Contractor’s best knowledge and belief.

**2.192 Informal Dispute Resolution**

- (a) All disputes between the parties must be resolved under the Contract Management procedures in this Contract. If the parties are unable to resolve any disputes after compliance with the processes, the parties must meet with the Director of Purchasing Operations, DMB, or designee, for the purpose of attempting to resolve the dispute without the need for formal legal proceedings, as follows:
  - (i) The representatives of Contractor and the State must meet as often as the parties reasonably deem necessary to gather and furnish to each other all information with respect to the matter in issue which the parties believe to be appropriate and germane in connection with its resolution. The representatives must discuss the problem and negotiate in good faith in an effort to resolve the dispute without the necessity of any formal proceeding.
  - (ii) During the course of negotiations, all reasonable requests made by one party to another for non-privileged information reasonably related to the Contract will be honored in order that each of the parties may be fully advised of the other’s position.
  - (iii) The specific format for the discussions will be left to the discretion of the designated State and Contractor representatives, but may include the preparation of agreed upon statements of fact or written statements of position.
  - (iv) Following the completion of this process within 60 calendar days, the Director of Purchasing Operations, DMB, or designee, must issue a written opinion regarding the issue(s) in dispute within 30 calendar days. The opinion regarding the dispute must be considered the State’s final action and the exhaustion of administrative remedies.
- (b) This Section will not be construed to prevent either party from instituting, and a party is authorized to institute, formal proceedings earlier to avoid the expiration of any applicable limitations period, to preserve a superior position with respect to other creditors, or under **Section 2.163**.
- (c) The State will not mediate disputes between the Contractor and any other entity, except state agencies, concerning responsibility for performance of work under the Contract.

**2.193 Injunctive Relief**

The only circumstance in which disputes between the State and Contractor will not be subject to the provisions of **Section 2.162** is where a party makes a good faith determination that a breach of the terms of the Contract by the other party is the that the damages to the party resulting from the breach will be so immediate, so large or severe and so incapable of adequate redress after the fact that a temporary restraining order or other immediate injunctive relief is the only adequate remedy.



**2.194 Continued Performance**

Each party agrees to continue performing its obligations under the Contract while a dispute is being resolved except to the extent the issue in dispute precludes performance (dispute over payment must not be deemed to preclude performance) and without limiting either party’s right to terminate the Contract as provided in **Section 2.150**, as the case may be.

**2.200 Federal and State Contract Requirements**

**2.201 Nondiscrimination**

In the performance of the Contract, Contractor agrees not to discriminate against any employee or applicant for employment, with respect to his or her hire, tenure, terms, conditions or privileges of employment, or any matter directly or indirectly related to employment, because of race, color, religion, national origin, ancestry, age, sex, height, weight, marital status, physical or mental disability. Contractor further agrees that every subcontract entered into for the performance of this Contract or any purchase order resulting from this Contract will contain a provision requiring non-discrimination in employment, as specified here, binding upon each Subcontractor. This covenant is required under the Elliot Larsen Civil Rights Act, 1976 PA 453, MCL 37.2101, et seq., and the Persons with Disabilities Civil Rights Act, 1976 PA 220, MCL 37.1101, et seq., and any breach of this provision may be regarded as a material breach of the Contract.

**2.202 Unfair Labor Practices**

Under 1980 PA 278, MCL 423.321, et seq., the State must not award a Contract or subcontract to an employer whose name appears in the current register of employers failing to correct an unfair labor practice compiled under section 2 of the Act. This information is compiled by the United States National Labor Relations Board. A Contractor of the State, in relation to the Contract, must not enter into a contract with a Subcontractor, manufacturer, or supplier whose name appears in this register. Under section 4 of 1980 PA 278, MCL 423.324, the State may void any Contract if, after award of the Contract, the name of Contractor as an employer or the name of the Subcontractor, manufacturer or supplier of Contractor appears in the register.

**2.203 Workplace Safety and Discriminatory Harassment**

In performing Services for the State, the Contractor must comply with the Department of Civil Services Rule 2-20 regarding Workplace Safety and Rule 1-8.3 regarding Discriminatory Harassment. In addition, the Contractor must comply with Civil Service regulations and any applicable agency rules provided to the Contractor. For Civil Service Rules, see <http://www.mi.gov/mdcs/0,1607,7-147-6877---,00.html>.

**2.204 Prevailing Wage**

The rates of wages and fringe benefits to be paid each class of individuals employed by the Contractor, its subcontractors, their subcontractors, and all persons involved with the performance of this Contract in privity of contract with the Contractor shall not be less than the wage rates and fringe benefits established by the Michigan Department of Labor and Economic Development, Wage and Hour Bureau, schedule of occupational classification and wage rates and fringe benefits for the local where the work is to be performed. The term Contractor shall include all general contractors, prime contractors, project managers, trade contractors, and all of their contractors or subcontractors and persons in privity of contract with them.

The Contractor, its subcontractors, their subcontractors and all persons involved with the performance of this contract in privity of contract with the Contractor shall keep posted on the work site, in a conspicuous place, a copy of all wage rates and fringe benefits as prescribed in the contract. You must also post, in a conspicuous place, the address and telephone number of the Michigan Department of Labor and Economic Development, the office responsible for enforcement of the wage rates and fringe benefits. You shall keep an accurate record showing the name and occupation of the actual wage and benefits paid to each individual employed in connection with this contract. This record shall be available to the State upon request for reasonable inspection.

If any trade is omitted from the list of wage rates and fringe benefits to be paid to each class of individuals by the Contractor, it is understood that the trades omitted shall also be paid not less than the wage rate and fringe benefits prevailing in the local where the work is to be performed.



**2.210 Governing Law**

**2.211 Governing Law**

The Contract must in all respects be governed by, and construed according to, the substantive laws of the State of Michigan without regard to any Michigan choice of law rules that would apply the substantive law of any other jurisdiction to the extent not inconsistent with, or pre-empted by federal law.

**2.212 Compliance with Laws**

Contractor shall comply with all applicable state, federal and local laws and ordinances in providing the Services/Deliverables.

**2.213 Jurisdiction**

Any dispute arising from the Contract must be resolved in the State of Michigan. With respect to any claim between the parties, Contractor consents to venue in Ingham County, Michigan, and irrevocably waives any objections it may have to the jurisdiction on the grounds of lack of personal jurisdiction of the court or the laying of venue of the court or on the basis of forum non conveniens or otherwise. Contractor agrees to appoint agents in the State of Michigan to receive service of process.

**2.220 Limitation of Liability**

**2.221 Limitation of Liability**

Neither the Contractor nor the State is liable to each other, regardless of the form of action, for consequential, incidental, indirect, or special damages. This limitation of liability does not apply to claims for infringement of United States patent, copyright, trademark or trade secrets; to claims for personal injury or damage to property caused by the gross negligence or willful misconduct of the Contractor; to claims covered by other specific provisions of this Contract calling for liquidated damages; or to court costs or attorney’s fees awarded by a court in addition to damages after litigation based on this Contract.

**2.230 Disclosure Responsibilities**

**2.231 Disclosure of Litigation**

(a) Disclosure. Contractor must disclose any material criminal litigation, investigations or proceedings involving the Contractor (and each Subcontractor) or any of its officers or directors or any litigation, investigations or proceedings under the Sarbanes-Oxley Act. In addition, each Contractor (and each Subcontractor) must notify the State of any material civil litigation, arbitration or proceeding which arises during the term of the Contract and extensions, to which Contractor (or, to the extent Contractor is aware, any Subcontractor) is a party, and which involves: (i) disputes that might reasonably be expected to adversely affect the viability or financial stability of Contractor or any Subcontractor; or (ii) a claim or written allegation of fraud against Contractor or, to the extent Contractor is aware, any Subcontractor by a governmental or public entity arising out of their business dealings with governmental or public entities. The Contractor must disclose in writing to the Contract Administrator any litigation, investigation, arbitration or other proceeding (collectively, "Proceeding") within 30 days of its occurrence. Details of settlements which are prevented from disclosure by the terms of the settlement may be annotated. Information provided to the State from Contractor’s publicly filed documents referencing its material litigation will be deemed to satisfy the requirements of this Section.

(b) Assurances. If any Proceeding disclosed to the State under this Section, or of which the State otherwise becomes aware, during the term of this Contract would cause a reasonable party to be concerned about:

- (i) the ability of Contractor (or a Subcontractor) to continue to perform this Contract according to its terms and conditions, or
- (ii) whether Contractor (or a Subcontractor) in performing Services for the State is engaged in conduct which is similar in nature to conduct alleged in the Proceeding, which conduct would constitute a breach of this Contract or a violation of Michigan law, regulations or public policy, then the Contractor must provide the State all reasonable assurances requested by the State to demonstrate that:
  - (a) Contractor and its Subcontractors will be able to continue to perform this Contract and any Statements of Work according to its terms and conditions, and



(b) Contractor and its Subcontractors have not and will not engage in conduct in performing the Services which is similar in nature to the conduct alleged in the Proceeding.

- (c) Contractor must make the following notifications in writing:
- (1) Within 30 days of Contractor becoming aware that a change in its ownership or officers has occurred, or is certain to occur, or a change that could result in changes in the valuation of its capitalized assets in the accounting records, Contractor must notify DMB PurchOps.
  - (2) Contractor must also notify DMB PurchOps within 30 days whenever changes to asset valuations or any other cost changes have occurred or are certain to occur as a result of a change in ownership or officers.
  - (3) Contractor must also notify DMB PurchOps within 30 days whenever changes to company affiliations occur.

**2.232 Call Center Disclosure - Reserved**

**2.233 Bankruptcy**

The State may, without prejudice to any other right or remedy, terminate this Contract, in whole or in part, and, at its option, may take possession of the “Work in Process” and finish the Works in Process by whatever appropriate method the State may deem expedient if:

- (a) the Contractor files for protection under the bankruptcy laws;
- (b) an involuntary petition is filed against the Contractor and not removed within 30 days;
- (c) the Contractor becomes insolvent or if a receiver is appointed due to the Contractor's insolvency;
- (d) the Contractor makes a general assignment for the benefit of creditors; or
- (e) the Contractor or its affiliates are unable to provide reasonable assurances that the Contractor or its affiliates can deliver the services under this Contract.

Contractor will fix appropriate notices or labels on the Work in Process to indicate ownership by the State. To the extent reasonably possible, materials and Work in Process must be stored separately from other stock and marked conspicuously with labels indicating ownership by the State.

**2.240 Performance**

**2.241 Time of Performance**

- (a) Contractor must use commercially reasonable efforts to provide the resources necessary to complete all Services and Deliverables according to the time schedules contained in the Statements of Work and other Exhibits governing the work, and with professional quality.
- (b) Without limiting the generality of **Section 2.211(a)**, Contractor must notify the State in a timely manner upon becoming aware of any circumstances that may reasonably be expected to jeopardize the timely and successful completion of any Deliverables/Services on the scheduled due dates in the latest State-approved delivery schedule and must inform the State of the projected actual delivery date.
- (c) If the Contractor believes that a delay in performance by the State has caused or will cause the Contractor to be unable to perform its obligations according to specified Contract time periods, the Contractor must notify the State in a timely manner and must use commercially reasonable efforts to perform its obligations according to the Contract time periods notwithstanding the State’s failure. Contractor will not be in default for a delay in performance to the extent the delay is caused by the State.

**2.242 Service Level Agreements (SLAs)- Reserved**

**2.243 Liquidated Damages**

The parties acknowledge that late or improper completion of the Work will cause loss and damage to the State, and that it would be impracticable and extremely difficult to fix the actual damage sustained by the State as a result. Therefore, Contractor and the State agree that if there is late or improper completion of the Work and the State does not elect to exercise its rights under **Section 2.120**, the State is entitled to collect liquidated damages in the amount of \$5,000.00 and an additional \$100.00 per day for each day Contractor fails to remedy the late or improper completion of the Work.



It is acknowledged that an Unauthorized Removal will interfere with the timely and proper completion of the Contract, to the loss and damage of the State, and that it would be impracticable and extremely difficult to fix the actual damage sustained by the State as a result of any Unauthorized Removal. Therefore, Contractor and the State agree that in the case of any Unauthorized Removal in respect of which the State does not elect to exercise its rights under **Section 2.120**, the State may assess liquidated damages against Contractor as specified below.

For the Unauthorized Removal of any Key Personnel designated in the applicable Statement of Work, the liquidated damages amount is \$25,000.00 per individual if the Contractor identifies a replacement approved by the State under **Section 2.060** and assigns the replacement to the Project to shadow the Key Personnel who is leaving for a period of at least 30 days before the Key Personnel’s removal.

If Contractor fails to assign a replacement to shadow the removed Key Personnel for at least 30 days, in addition to the \$25,000.00 liquidated damages for an Unauthorized Removal, Contractor must pay the amount of \$833.33 per day for each day of the 30 day shadow period that the replacement Key Personnel does not shadow the removed Key Personnel, up to \$25,000.00 maximum per individual. The total liquidated damages that may be assessed per Unauthorized Removal and failure to provide 30 days of shadowing must not exceed \$50,000.00 per individual.

**2.244 Excusable Failure**

Neither party will be liable for any default, damage or delay in the performance of its obligations under the Contract to the extent the default, damage or delay is caused by government regulations or requirements (executive, legislative, judicial, military or otherwise), power failure, electrical surges or current fluctuations, lightning, earthquake, war, water or other forces of nature or acts of God, delays or failures of transportation, equipment shortages, suppliers’ failures, or acts or omissions of common carriers, fire; riots, civil disorders; strikes or other labor disputes, embargoes; injunctions (provided the injunction was not issued as a result of any fault or negligence of the party seeking to have its default or delay excused); or any other cause beyond the reasonable control of a party; provided the non-performing party and its Subcontractors are without fault in causing the default or delay, and the default or delay could not have been prevented by reasonable precautions and cannot reasonably be circumvented by the non-performing party through the use of alternate sources, workaround plans or other means, including disaster recovery plans.

If a party does not perform its contractual obligations for any of the reasons listed above, the non-performing party will be excused from any further performance of its affected obligation(s) for as long as the circumstances prevail. But the party must use commercially reasonable efforts to recommence performance whenever and to whatever extent possible without delay. A party must promptly notify the other party in writing immediately after the excusable failure occurs, and also when it abates or ends.

If any of the above-enumerated circumstances substantially prevent, hinder, or delay the Contractor’s performance of the Services/provision of Deliverables for more than 10 Business Days, and the State determines that performance is not likely to be resumed within a period of time that is satisfactory to the State in its reasonable discretion, then at the State’s option: (a) the State may procure the affected Services/Deliverables from an alternate source, and the State is not be liable for payment for the unperformed Services/ Deliverables not provided under the Contract for so long as the delay in performance continues; (b) the State may terminate any portion of the Contract so affected and the charges payable will be equitably adjusted to reflect those Services/Deliverables terminated; or (c) the State may terminate the affected Statement of Work without liability to Contractor as of a date specified by the State in a written notice of termination to the Contractor, except to the extent that the State must pay for Services/Deliverables provided through the date of termination.

The Contractor will not have the right to any additional payments from the State as a result of any Excusable Failure occurrence or to payments for Services not rendered/Deliverables not provided as a result of the Excusable Failure condition. Defaults or delays in performance by Contractor which are caused by acts or omissions of its Subcontractors will not relieve Contractor of its obligations under the Contract except to the extent that a Subcontractor is itself subject to an Excusable Failure condition described above and Contractor cannot reasonably circumvent the effect of the Subcontractor’s default or delay in performance through the use of alternate sources, workaround plans or other means.



**2.250 Approval of Deliverables**

**2.251 Delivery Responsibilities**

Unless otherwise specified by the State within an individual order, the following must be applicable to all orders issued under this Contract.

- (a) Shipment responsibilities - Services performed/Deliverables provided under this Contract must be delivered “F.O.B. Destination, within Government Premises.” The Contractor must have complete responsibility for providing all Services/Deliverables to all site(s) unless otherwise stated. Actual delivery dates will be specified on the individual purchase order.
- (b) Delivery locations - Services will be performed/Deliverables will be provided at every State of Michigan location within Michigan unless otherwise stated in the SOW. Specific locations will be provided by the State or upon issuance of individual purchase orders.
- (c) Damage Disputes - At the time of delivery to State Locations, the State must examine all packages. The quantity of packages delivered must be recorded and any obvious visible or suspected damage must be noted at time of delivery using the shipper’s delivery document(s) and appropriate procedures to record the damage. Where there is no obvious or suspected damage, all deliveries to a State Location must be opened by the State and the contents inspected for possible internal damage not visible externally within 14 days of receipt. Any damage must be reported to the Contractor within five days of inspection.

**2.252 Delivery of Deliverables**

Where applicable, the Statements of Work/POs contain lists of the Deliverables to be prepared and delivered by Contractor including, for each Deliverable, the scheduled delivery date and a designation of whether the Deliverable is a document (“Written Deliverable”), a good (“Physical Deliverable”) or a Service. All Deliverables must be completed and delivered for State review and written approval and, where applicable, installed according to the State-approved delivery schedule and any other applicable terms and conditions of the Contract.

**2.253 Testing**

- (a) Before delivering any of the above-mentioned Statement of Work Physical Deliverables or Services to the State, Contractor will first perform all required quality assurance activities to verify that the Physical Deliverable or Service is complete and conforms with its specifications listed in the applicable Statement of Work or Purchase Order. Before delivering a Physical Deliverable or Service to the State, Contractor must certify to the State that (1) it has performed the quality assurance activities, (2) it has performed any applicable testing, (3) it has corrected all material deficiencies discovered during the quality assurance activities and testing, (4) the Deliverable or Service is in a suitable state of readiness for the State’s review and approval, and (5) the Deliverable/Service has all Critical Security patches/updates applied.
- (b) If a Deliverable includes installation at a State Location, then Contractor must (1) perform any applicable testing, (2) correct all material deficiencies discovered during the quality assurance activities and testing, and (3) inform the State that the Deliverable is in a suitable state of readiness for the State’s review and approval. To the extent that testing occurs at State Locations, the State is entitled to observe or otherwise participate in testing.

**2.254 Approval of Deliverables, In General**

- (a) All Deliverables (Physical Deliverables and Written Deliverables) and Services require formal written approval by the State, according to the following procedures. Formal approval by the State requires the State to confirm in writing that the Deliverable meets its specifications. Formal approval may include the successful completion of Testing as applicable in **Section 2.253**, to be led by the State with the support and assistance of Contractor. The approval process will be facilitated by ongoing consultation between the parties, inspection of interim and intermediate Deliverables and collaboration on key decisions.
- (b) The State’s obligation to comply with any State Review Period is conditioned on the timely delivery of Deliverables/Services being reviewed.



(c) Before commencement of its review or testing of a Deliverable/Service, the State may inspect the Deliverable/Service to confirm that all components of the Deliverable/Service have been delivered without material deficiencies. If the State determines that the Deliverable/Service has material deficiencies, the State may refuse delivery of the Deliverable/Service without performing any further inspection or testing of the Deliverable/Service. Otherwise, the review period will be deemed to have started on the day the State receives the Deliverable or the Service begins, and the State and Contractor agree that the Deliverable/Service is ready for use and, where applicable, certification by Contractor according to **Section 2.223**.

(d) The State will approve in writing a Deliverable/Service after confirming that it conforms to and performs according to its specifications without material deficiency. The State may, but is not be required to, conditionally approve in writing a Deliverable/Service that contains material deficiencies if the State elects to permit Contractor to rectify them post-approval. In any case, Contractor will be responsible for working diligently to correct within a reasonable time at Contractor’s expense all deficiencies in the Deliverable/Service that remain outstanding at the time of State approval.

(e) If, after three opportunities (the original and two repeat efforts), the Contractor is unable to correct all deficiencies preventing Final Acceptance of a Deliverable/Service, the State may: (i) demand that the Contractor cure the failure and give the Contractor additional time to cure the failure at the sole expense of the Contractor; or (ii) keep the Contract in force and do, either itself or through other parties, whatever the Contractor has failed to do, and recover the difference between the cost to cure the deficiency and the contract price plus an additional sum equal to 10% of the cost to cure the deficiency to cover the State’s general expenses provided the State can furnish proof of the general expenses; or (iii) terminate the particular Statement of Work for default, either in whole or in part by notice to Contractor provided Contractor is unable to cure the breach. Notwithstanding the foregoing, the State cannot use, as a basis for exercising its termination rights under this Section, deficiencies discovered in a repeat State Review Period that could reasonably have been discovered during a prior State Review Period.

(f) The State, at any time and in its reasonable discretion, may halt the testing or approval process if the process reveals deficiencies in or problems with a Deliverable/Service in a sufficient quantity or of a sufficient severity that renders continuing the process unproductive or unworkable. If that happens, the State may stop using the Service or return the applicable Deliverable to Contractor for correction and re-delivery before resuming the testing or approval process.

**2.255 Process For Approval of Written Deliverables**

The State Review Period for Written Deliverables will be the number of days set forth in the applicable Statement of Work following delivery of the final version of the Deliverable (and if the Statement of Work does not state the State Review Period, it is by default five Business Days for Written Deliverables of 100 pages or less and 10 Business Days for Written Deliverables of more than 100 pages). The duration of the State Review Periods will be doubled if the State has not had an opportunity to review an interim draft of the Written Deliverable before its submission to the State. The State agrees to notify Contractor in writing by the end of the State Review Period either stating that the Deliverable is approved in the form delivered by Contractor or describing any deficiencies that must be corrected before approval of the Deliverable (or at the State’s election, after approval of the Deliverable). If the State notifies the Contractor about deficiencies, the Contractor will correct the described deficiencies and within 30 Business Days resubmit the Deliverable in a form that shows all revisions made to the original version delivered to the State. Contractor’s correction efforts will be made at no additional charge. Upon receipt of a corrected Deliverable from Contractor, the State will have a reasonable additional period of time, not to exceed the length of the original State Review Period, to review the corrected Deliverable to confirm that the identified deficiencies have been corrected.

**2.256 Process for Approval of Services**

The State Review Period for approval of Services is governed by the applicable Statement of Work (and if the Statement of Work does not state the State Review Period, it is by default 30 Business Days for Services). The State agrees to notify the Contractor in writing by the end of the State Review Period either stating that the Service is approved in the form delivered by the Contractor or describing any deficiencies that must be corrected before approval of the Services (or at the State’s election, after approval of the Service). If the State delivers to



the Contractor a notice of deficiencies, the Contractor will correct the described deficiencies and within 30 Business Days resubmit the Service in a form that shows all revisions made to the original version delivered to the State. The Contractor’s correction efforts will be made at no additional charge. Upon implementation of a corrected Service from Contractor, the State will have a reasonable additional period of time, not to exceed the length of the original State Review Period, to review the corrected Service for conformity and that the identified deficiencies have been corrected.

**2.257 Process for Approval of Physical Deliverables**

The State Review Period for approval of Physical Deliverables is governed by the applicable Statement of Work (and if the Statement of Work does not state the State Review Period, it is by default 30 continuous Business Days for a Physical Deliverable). The State agrees to notify the Contractor in writing by the end of the State Review Period either stating that the Deliverable is approved in the form delivered by the Contractor or describing any deficiencies that must be corrected before approval of the Deliverable (or at the State’s election, after approval of the Deliverable). If the State delivers to the Contractor a notice of deficiencies, the Contractor will correct the described deficiencies and within 30 Business Days resubmit the Deliverable in a form that shows all revisions made to the original version delivered to the State. The Contractor’s correction efforts will be made at no additional charge. Upon receipt of a corrected Deliverable from the Contractor, the State will have a reasonable additional period of time, not to exceed the length of the original State Review Period, to review the corrected Deliverable to confirm that the identified deficiencies have been corrected.

**2.258 Final Acceptance**

Unless otherwise stated in the Article 1, Statement of Work or Purchase Order, “Final Acceptance” of each Deliverable must occur when each Deliverable/Service has been approved by the State following the State Review Periods identified in **Sections 2.251-2.257**. Payment will be made for Deliverables installed and accepted. Upon acceptance of a Service, the State will pay for all Services provided during the State Review Period that conformed to the acceptance criteria.

**2.260 Ownership**

**2.261 Ownership of Work Product by State**

The State owns all Deliverables as they are works made for hire by the Contractor for the State. The State owns all United States and international copyrights, trademarks, patents or other proprietary rights in the Deliverables.

**2.262 Vesting of Rights**

With the sole exception of any preexisting licensed works identified in the SOW, the Contractor assigns, and upon creation of each Deliverable automatically assigns, to the State, ownership of all United States and international copyrights, trademarks, patents, or other proprietary rights in each and every Deliverable, whether or not registered by the Contractor, insofar as any the Deliverable, by operation of law, may not be considered work made for hire by the Contractor for the State. From time to time upon the State’s request, the Contractor must confirm the assignment by execution and delivery of the assignments, confirmations of assignment, or other written instruments as the State may request. The State may obtain and hold in its own name all copyright, trademark, and patent registrations and other evidence of rights that may be available for Deliverables.

**2.263 Rights in Data**

(a) The State is the owner of all data made available by the State to the Contractor or its agents, Subcontractors or representatives under the Contract. The Contractor will not use the State’s data for any purpose other than providing the Services, nor will any part of the State’s data be disclosed, sold, assigned, leased or otherwise disposed of to the general public or to specific third parties or commercially exploited by or on behalf of the Contractor. No employees of the Contractor, other than those on a strictly need-to-know basis, have access to the State’s data. Contractor will not possess or assert any lien or other right against the State’s data. Without limiting the generality of this Section, the Contractor must only use personally identifiable information as strictly necessary to provide the Services and must disclose the information only to its employees who have a strict need-to-know the information. The Contractor must comply at all times with all laws and regulations applicable to the personally identifiable information.



(b) The State is the owner of all State-specific data under the Contract. The State may use the data provided by the Contractor for any purpose. The State will not possess or assert any lien or other right against the Contractor’s data. Without limiting the generality of this Section, the State may use personally identifiable information only as strictly necessary to utilize the Services and must disclose the information only to its employees who have a strict need to know the information, except as provided by law. The State must comply at all times with all laws and regulations applicable to the personally identifiable information. Other material developed and provided to the State remains the State’s sole and exclusive property.

**2.264 Ownership of Materials**

The State and the Contractor will continue to own their respective proprietary technologies developed before entering into the Contract. Any hardware bought through the Contractor by the State, and paid for by the State, will be owned by the State. Any software licensed through the Contractor and sold to the State, will be licensed directly to the State.

**2.270 State Standards**

**2.271 Existing Technology Standards**

The Contractor will adhere to all existing standards as described within the comprehensive listing of the State’s existing technology standards at <http://www.michigan.gov/dit>.

**2.272 Acceptable Use Policy**

To the extent that Contractor has access to the State computer system, Contractor must comply with the State’s Acceptable Use Policy, see <http://www.michigan.gov/ditservice>. All Contractor employees must be required, in writing, to agree to the State’s Acceptable Use Policy before accessing the State system. The State reserves the right to terminate Contractor’s access to the State system if a violation occurs.

**2.273 Systems Changes**

Contractor is not responsible for and not authorized to make changes to any State systems without written authorization from the Project Manager. Any changes Contractor makes to State systems with the State’s approval must be done according to applicable State procedures, including security, access and configuration management procedures.

**2.280 Extended Purchasing**

**2.281 MiDEAL- Reserved**

**2.282 State Employee Purchases- Reserved**

**2.290 Environmental Provision**

**2.291 Environmental Provision**

Energy Efficiency Purchasing Policy – The State seeks wherever possible to purchase energy efficient products. This includes giving preference to U.S. Environmental Protection Agency (EPA) certified ‘Energy Star’ products for any category of products for which EPA has established Energy Star certification. For other purchases, the State may include energy efficiency as one of the priority factors to consider when choosing among comparable products.

Environmental Purchasing Policy – The State of Michigan is committed to encouraging the use of products and services that impact the environment less than competing products. The State is accomplishing this by including environmental considerations in purchasing decisions, while remaining fiscally responsible, to promote practices that improve worker health, conserve natural resources, and prevent pollution. Environmental components that are to be considered include: recycled content and recyclability; energy efficiency; and the presence of undesirable materials in the products, especially those toxic chemicals which are persistent and bioaccumulative. The Contractor should be able to supply products containing recycled and environmentally preferable materials that meet performance requirements and is encouraged to offer such products throughout the duration of this Contract.



Information on any relevant third party certification (such as Green Seal, Energy Star, etc.) should also be provided.

**Hazardous Materials:**

For the purposes of this Section, “Hazardous Materials” is a generic term used to describe asbestos, ACBMs, PCBs, petroleum products, construction materials including paint thinners, solvents, gasoline, oil, and any other material the manufacture, use, treatment, storage, transportation or disposal of which is regulated by the federal, state or local laws governing the protection of the public health, natural resources or the environment. This includes, but is not limited to, materials the as batteries and circuit packs, and other materials that are regulated as (1) “Hazardous Materials” under the Hazardous Materials Transportation Act, (2) “chemical hazards” under the Occupational Safety and Health Administration standards, (3) “chemical substances or mixtures” under the Toxic Substances Control Act, (4) “pesticides” under the Federal Insecticide Fungicide and Rodenticide Act, and (5) “hazardous wastes” as defined or listed under the Resource Conservation and Recovery Act.

(a) The Contractor must use, handle, store, dispose of, process, transport and transfer any material considered a Hazardous Material according to all federal, State and local laws. The State must provide a safe and suitable environment for performance of Contractor’s Work. Before the commencement of Work, the State must advise the Contractor of the presence at the work site of any Hazardous Material to the extent that the State is aware of the Hazardous Material. If the Contractor encounters material reasonably believed to be a Hazardous Material and which may present a substantial danger, the Contractor must immediately stop all affected Work, notify the State in writing about the conditions encountered, and take appropriate health and safety precautions.

(b) Upon receipt of a written notice, the State will investigate the conditions. If (a) the material is a Hazardous Material that may present a substantial danger, and (b) the Hazardous Material was not brought to the site by the Contractor, or does not result in whole or in part from any violation by the Contractor of any laws covering the use, handling, storage, disposal of, processing, transport and transfer of Hazardous Materials, the State must order a suspension of Work in writing. The State must proceed to have the Hazardous Material removed or rendered harmless. In the alternative, the State must terminate the affected Work for the State’s convenience.

(c) Once the Hazardous Material has been removed or rendered harmless by the State, the Contractor must resume Work as directed in writing by the State. Any determination by the Michigan Department of Community Health or the Michigan Department of Environmental Quality that the Hazardous Material has either been removed or rendered harmless is binding upon the State and Contractor for the purposes of resuming the Work. If any incident with Hazardous Material results in delay not reasonable anticipatable under the circumstances and which is attributable to the State, the applicable SLAs for the affected Work will not be counted in time as mutually agreed by the parties.

(d) If the Hazardous Material was brought to the site by the Contractor, or results in whole or in part from any violation by the Contractor of any laws covering the use, handling, storage, disposal of, processing, transport and transfer of Hazardous Material, or from any other act or omission within the control of the Contractor, the Contractor must bear its proportionate share of the delay and costs involved in cleaning up the site and removing and rendering harmless the Hazardous Material according to Applicable Laws to the condition approved by applicable regulatory agency(ies).

Michigan has a Consumer Products Rule pertaining to labeling of certain products containing volatile organic compounds. For specific details visit [http://www.michigan.gov/deq/0,1607,7-135-3310\\_4108-173523--,00.html](http://www.michigan.gov/deq/0,1607,7-135-3310_4108-173523--,00.html)

**Refrigeration and Air Conditioning:**

The Contractor shall comply with the applicable requirements of Sections 608 and 609 of the Clean Air Act (42 U.S.C. 7671g and 7671h) as each or both apply to this contract.



Environmental Performance:

Waste Reduction Program - Contractor shall establish a program to promote cost-effective waste reduction in all operations and facilities covered by this contract. The Contractor's programs shall comply with applicable Federal, State, and local requirements, specifically including Section 6002 of the Resource Conservation and Recovery Act (42 U.S.C. 6962, et seq.).

**2.300 Other Provisions**

**2.311 Forced Labor, Convict Labor, Forced or Indentured Child Labor, or Indentured Servitude Made Materials**

Equipment, materials, or supplies, that will be furnished to the State under the Contract must not be produced in whole or in part by forced labor, convict labor, forced or indentured child labor, or indentured servitude.

“Forced or indentured child labor” means all work or service: exacted from any person under the age of 18 under the menace of any penalty for its nonperformance and for which the worker does not offer himself voluntarily; or performed by any person under the age of 18 under a contract the enforcement of which can be accomplished by process or penalties.



**Attachment A, Price Proposal**

Pricing shall be disclosed based on a per unit delivered product that includes training costs. The maintenance plan options must be listed separately

<b>Deliverable</b>	<b>Price Each</b>
Imaging System including training	\$51,505.00
Maintenance for imaging system	See Options Below
Digitalizer system including training	\$58,042.00
Maintenance for digitalizer system	See Options Below
Picture Archival Communication System including training	\$108,000.00
Maintenance for PAC	\$21,925.00 Per Year
Total Costs Total cost of entire system will be determined by the optioned maintenance agreements selected	

**QUANTUM “Q-Rad-D3 System Package”**

*Radiographic System: 50kW “ODYSSEY HF” High Frequency Generator with AEC, Floor Mount Tube stand, “QUIET LIFT” Elevating/Float -Top Table, “VERTI-Q” Wall Stand and Motorized Selectable-Collimator.*

- | <u>CAT. NO.</u> | <u>ITEM / DESCRIPTION</u>   |
|-----------------|---|
| <b>QG-5000</b>  | <p><b>50 kW / 125 kVp “ODYSSEY HF” Digital Deluxe Radiographic Generator:</b></p> <ul style="list-style-type: none"> <li>&gt; Digital Imaging Ready, ULTRA High Frequency Power, 120 kHz PLUS</li> <li>&gt; 50 kW output; (according to IEC 601)</li> <li>&gt; mA Range: 25 to 650</li> <li>&gt; kVp Range: 40 to 125 kVp, in 1 kVp increments</li> <li>&gt; mAs Range: 0.025 – 800</li> <li>&gt; Timer Range: 0.001 - 6.3 seconds</li> <li>&gt; “APR” Anatomical Programmed Radiography (100 APR Views / 5000 Techniques) for standard and custom views</li> <li>&gt; Large Graphic LCD display for APR and technique information, includes date/time feature</li> <li>&gt; Self-Diagnostics, Anode Heat Unit monitor, Error Messaging, Auto shut-off timer, History reporting log, RS-232 port</li> </ul> <p><b>Nominal Input power 380 - 480 VAC (+/- 5%) Three Phase; 208-240, VAC 50/60 Hz Three Phase Input optional.</b></p> |
| <b>R10-T600</b> | <p><b>X-Ray Tube:</b> 4” Radiographic X-Ray Tube</p> <ul style="list-style-type: none"> <li>&gt; 0.6 / 1.2 mm focal spot sizes with 400,000 Heat Unit capacities</li> <li>&gt; 150 kVp, High/standard speed rotor, 12° anode target angle, 90° arms</li> </ul>  |
| <b>R70-25</b>   | <p><b>High Voltage Cables:</b> One pair, 25 ft. long (7.5 meters) with federal terminals</p>  |
| <b>QG-AEC</b>   | <p><b>Automatic Exposure Control:</b> (AEC) electronics “HF Series” generators</p>  |
| <b>QG-PDL</b>   | <p><b>Pedestal Mount:</b> floor mounted pedestal for mounting of operator control console</p>   |
| <b>QS-550</b>   | <p><b>Deluxe Floor Mounted Tube stand:</b></p>  |



- > Floor Mounted tube stand with 10 ft. long tracks and 98" (249 cm) of longitudinal travel
- > Deluxe Handgrips: multi-function, fingertip controls for horizontal, vertical, transverse, and longitudinal movements
- > Includes "All Locks" release switch and auto-stop sensor for horizontal/vertical adjustments
- > Vertical Travel of 60.5" (154 cm) with minimum floor to focus distance of 13.75" (35 cm)
- > FAIL-SAFE electromagnetic braking system and integral counterbalancing ensure safe, easy use
- > Column Rotation (+/- 180°), Transverse Arm (10 inch travel)
- > Tube Angulations of +/- 135° with detents at 0°, +/- 90
- > Cable concealment and management system

**QS-55T Trunnion Rings:** For tube head rotation of - 20°/+45° with dual angle guides

**QUANTUM "Q-Rad-D3 System Package"**

*Radiographic System: 50kW "ODYSSEY HF" High Frequency Generator with AEC, Floor Mount Tube stand, "QUIET LIFT" Elevating/Float-Top Table, "VERTI-Q" Wall Stand and Motorized Selectable-Collimator.*

**R40-S-P "Progeny Pinnacle" Motorized Selectable Collimator:**

- > Motorized collimation system with digital display
  - > Microprocessor controlled shutter system, provides pre-formatted sizing and SID selection
- > Programmable memory of commonly used image field sizes
- > Laser light for patient and cassette tray positioning, plus rectangular light field
  - > Rectangular light field with cross hair markings
  - > Lamp/Timer Feature
- > Swivel Mount allowing 360° with 90° detents
- > 40"- 72" SID cassette size scales (metric also available 100cm & 180cm)
- > Includes: Integrated tape measure and Spare Projection lamp

**QT-750 "QUIET-LIFT" Elevating / Float-Top Radiographic Table.**

- > 650 lb. (295.5 kg.) Patient Weight Capacity
- > Elevating Range of 21" - 32.5" (53 - 83 cm) with collision avoidance electronics and safety lock-out control switch
- > Tabletop length: 85" (216 cm) with 32" (82 cm) of longitudinal travel
- > Tabletop width: 35.5" (90 cm) with 10" (26 cm) of transverse travel;
  - > Flat top design for easy patient transfer and cleaning, with low absorption material
- > FAIL-SAFE electromagnetic braking system ensure safe, easy use
- > Recessed Foot Switches for all table movements, with float-top hand control switch
- > Adjustable patient handgrips along concealed accessory rail

**R80-AEC Ionization Chamber:** Three (3) field chamber; includes hardware

**R30-17B Bucky:** 17" x 17" (43 x 43 cm) reciprocating with multi-speed programmability

**R20-1010M Grid:** Pb, 103 line / inch, 10:1 ratio, 40" - 72" (100 - 180 cm) focal distance

**R60-T-P Deluxe Heavy Duty Cassette Tray:** Accepts cassette sizes: 5" x 7" (13 x 18 cm) to 14" x 17" (35 x 43 cm)

**QW-420 "VERTI-Q" Vertical Wall Stand:** Single-column structure

- > Features the exclusive "EZ-Glide" Hand control for easy and precise movement, grip rotates +105°
  - > Custom enclosed frame for attractive appearance includes patient chin rest
  - > Low absorption front cover material with cassette and AEC Indicators
  - > Vertical Travel: 60.5" (154 cm) with a 13.75" (35 cm) minimum Focal Spot-to-Floor Distance
  - > FAIL-SAFE electromagnetic braking system and integral counterbalancing ensure safe, easy use
- NOTE: Specify either Right or Left Hand Loading



**QW-HG20** Patient “Side Mounted” Handgrips: (one set), Mounts to “VERTI-Q” Wall Stand

**QW-HG30** Patient “Overhead” Handgrip: Mounts to “VERTI-Q” Wall Stand

**QUANTUM “Q-Rad-D3 System Package”**  
*Radiographic System: 50kW “ODYSSEY HF” High Frequency Generator with AEC, Floor Mount Tube stand, “QUIET LIFT” Elevating/Float -Top Table, “VERTI-Q” Wall Stand and Motorized Selectable-Collimator.*

**R80-AEC** **Ionization Chamber:** Three (3) field chamber; includes hardware

**R30-17B** **Bucky:** 17” x 17” (43 x 43 cm) reciprocating with multi-speed programmability

**R20-1010I** **Grid:** Pb, 103 line / inch, (40 lines/cm), 10:1 ratio, and 40” - 72” (100 - 180 cm) focal distance

**R60-T-P** **Deluxe Heavy Duty Cassette Tray:** Accepts cassette sizes: 5” x 7” (13 x 18 cm) to 14” x 17” (35 x 43 cm)

**D3 SYSTEM PACKAGE:**  
*Radiographic System: 50kW “ODYSSEY HF” High Frequency Generator with AEC, Floor Mount Tube stand, “QUIET LIFT” Elevating/Float -Top Table, “VERTI-Q” Wall Stand, Motorized Selectable-collimator.*

*Total for each system when 6 or more radiographic units ordered: (Options not included)*

**\$51,505.00 each**

***Bundled package offer:*** ***\$500.00 Discount***  
*When 6 or more quoted CR units are purchased along with the radiographic units from Radiology Imaging Solutions Inc. a \$500.00 discount will be applied to each of the 6 or more radiographic units from (RIS, Inc.)*

**QUANTUM “Q-Rad-D3 System Package”**  
*Radiographic System: 80kW “ODYSSEY HF” High Frequency Generator with High Speed Starter, AEC, Floor Mount Tube stand, “QUIET LIFT” Elevating/Float -Top Table, “VERTI-Q” Wall Stand, Auto-collimator.*



**OPTIONAL ITEMS: FOR Q-Rad CH-1 SYSTEM PACKAGE**

**QG-X208-3P Three Phase (208 VAC) Power Supply Upgrade:** **ADD: \$1,000.00**  
 For generators which require use of a Three Phase incoming power line (208 -240 VAC)  
**FOR USE IF 400-480 VOLTS 3 PHASE POWER IS NOT AVAILABLE FOR 50 KW**

**GENERATOR**

**QG-400 40 kW / 125 kVp "ODYSSEY HF" Radiographic Generator:** **DEDUCT: (\$3,000.00)**  
 > *Digital Imaging Ready, ULTRA High Frequency Power, 120 kHz PLUS*  
 > 40 kW output; (according to IEC 601)  
 > mA Range: 25 to 500  
 > kVp Range: 40 to 125 kVp in 1 kVp step  
 > mAs Range: 0.025 – 600  
 > Timer Range: 0.001 - 6.0 seconds  
 > "APR" Anatomical Programmed Radiography (100 APR Views / 5000 Techniques) for standard and custom views  
 > Graphic LCD display for APR and technique information, includes date/time feature  
 > Self-Diagnostics, Anode Heat Unit monitor, Error Messaging, Auto shut-off timer, History reporting log, RS-232 port  
 \* **Nominal Input power: 208 - 260 VAC (+/- 5%) Single Phase**

**IF THREE PHASE POWER UNATTAINABLE SMALLER GENERATOR REQUIRED**

Qty.	CAT. NO.	ITEM / DESCRIPTION
1	<b>CR35SP</b>	<p><b>"NX" Quantum/Agfa: "CR 35.0 SP" NX SERIES CR PACKAGE:</b>  <u>Hardware/ Software include:</u></p> <p><b>CR 35.0 CR READER</b>                      &gt; Print ready, single plate CR system                      &gt;Throughput: Up to 73 plates per hour (depending upon size and application)</p> <p><b>CR NX SERVER: DELL OPTIFLEX GX620 PC WORKSTATION, INTEL PENTIUM 4, 3.4 GHZ, 2GB DDR2 SDRAM, 1 x 80 GB SATA HARD DISCS, CD R/W DRIVE, KEYBOARD, MOUSE; WINDOWS XP PRO SP2 OS, UPS FOR NX</b></p> <p><b>19" FLAT PANEL MONITOR</b>                      &gt;Barco 19" Black Touch screen LCD w/ELO resistive touch and serial controller</p> <p><b>CR ID SOFTWARE</b>                      &gt; ID Software records patient demographic and examination data in a study-oriented format onto the memory chip embedded in the ADC cassette via radio frequency                      ID and QC on one exam screen</p> <p><b>DICOM PRINT</b>                      &gt;Print ready configuration can print to Agfa's Drystar® dry printers and other DICOM enabled Printer</p> <p><b>DICOM STORE / SEND</b>                      &gt; DICOM-Store Connection Software allows you to perform online transmission in the DICOM standard communication protocol format. Images can be transmitted via network or modem to PACS, remote stations, or other QS modalities</p> <p><b>CR NX ON-LINE PROCESSING AND MUSICA 2 GenRad™ SOFTWARE</b>                      &gt; On-line Processing Software performs multiple tasks</p>



- > Automatic Image-Processing (utilizing MUSICA 2 GenRad® Software) of the incoming raw data from the CR unit
- > Automatic Window/Level setting
- > Manual “black-border” collimation
- > Sensitometry mapping
- > HIPPA Security Log and IHE workflow compatibility supplies user with a Basic QC-Viewer for basic image corrections

QTY	CAT. NO.	ITEM / DESCRIPTION
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**MUSICA 2 GenRad® Optimizes Image Quality and Workflow**

Agfa HealthCare’s unique and patented Multi-scale Image Contrast Amplification algorithm, “MUSICA”, automatically processes the radiographic image at multiple frequency ranges (detail sizes) and optimizes the contrast within each of these ranges.

MUSICA 2 GenRad is second generation MUSICA which intelligently renders exceptional bone and soft tissue detail simultaneously. MUSICA 2 analyzes the image data before applying optimal contrast and density to all details within the image. This results in maximum radiographic detail throughout the image, greatly reducing the need for manual activities such as window and level. The improved image quality, productivity and workflow result in a process that is more efficient from start to finish.

**DICOM CD EXPORT – DICOM CD burning for image duplication**

**“P-Value” DISPLAY OUTPUT**

**NX Precision Tools**

- >NX Precision Tool Software
- >NX Precision Tools includes:
  - >Annotation (advanced/programmable) Tools
  - >Ortho Measurement Tools
  - >Digital Imaging Measurement Tools
  - >MUSICA Image Processing Control panel

**Details of Precision Tools**

Advanced annotations content Patient-positioning markers (available on both Examination and editing screens), Zoom/roam image, Add predefined text, Add free text with/without arrow, Invert image, Apply shutters, Show/hide histogram. Advanced measurements content Linear and circular calibration, angle, surface measurement of a circular, rectangular, free hand or polygonal annotation, distance measurement, leg length difference measurement, scoliosis measurement, perpendicular, line with midpoint, set different colors

4	<b>EJY2J</b>	AGFA: 35 X 43 CM MD-4.0 CR CASSETTE/PLATE SET
4	<b>EJZB4</b>	AGFA: 24 X 30 CM MD-4.0 CR CASSETTE/PLATE SET
1	<b>ES897</b>	<p><b>NX Optiview Software</b></p> <p><b>Square marker –</b></p> <ul style="list-style-type: none"> <li>&gt;Indicator for manually flipped or rotated images</li> <li>&gt;Displayed on softcopy/hardcopy for a safety view</li> </ul> <p><b>Grid line suppression –</b></p> <ul style="list-style-type: none"> <li>&gt;Detection &amp; removal of grid patterns caused by stationary grids</li> <li>&gt;Removal of Moiré effect on monitor.</li> </ul> <p><b>Black Boarder Software</b></p> <ul style="list-style-type: none"> <li>&gt;Provides computerized “automatic” Black Border</li> </ul>



QTY	CAT. NO.	ITEM / DESCRIPTION
1	ES9CG	<b>NX RIS Connectivity Software:</b> New & improved RIS Link with DMWL, DICOM query by accession and Procedure Code Mapping Software Package connecting the ADC ID station with existing information systems, such as a RIS or HIS. RISLINK allows the relevant patient file in the information system to be accessed from the ID station, either directly or via manual input, Windows, a mapped Worklist, a DICOM Work list or accession number
1	60+00022964	<b>BAR CODE READER</b> > Bar Code Scanner Set, Complete with scanner, cable, stand and software
2	EOM6J001	<b>APPLICATIONS TRAINING– INCLUDES 2 DAYS OF TRAINING</b>
1	EPDNP	<b>CR USER STATION (CRUS), FOR COMPUTER WORKSTATION</b> > Integrates PC components into a workflow centric QC and ID workstation > Cassette Identification functions, enabling user to scan cassettes for ID > Space for Workstation, for image handling; processing and dispatching > Monitor, Network switches and UPS storage > Cassette Storage
1	XGRIDCAP1012A	<b>10X12 PROTECT-A-GRID II 10:1 178LPI 40-72"</b>
1	XGRIDCAP1417A	<b>14X17 PROTECT-A-GRID II 10:1 178LPI 40-72"</b>

**Agfa 35SP Digitizer Price: \$58,042.00 each**

## Agfa Dry Daylight Table Top Imager

1	60+00025427	<b>QUANTUM/AGFA “DRYSTAR 5302” IMAGER PACKAGE</b> >Standard DICOM Configuration is a decentralized Table Top Imager. Includes: > DICOM 3.0 PMS Package with up to 6 DICOM Connections at no added charge if installed at time of initial installation. > Supports 8” x 10”, 10” x 12”, 11” x 14”, 14” x 14” or 14” x 17” > DRYSTAR® Smart Cart – For DRYSTAR® 5302™
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**Printer Price: \$16,310.00 each**



DESCRIPTION	CUSTOMER PRICE
AGFA (1) SINGLE PLATE 35 SP CR UNITS WITH CASSETTES	<b>\$58,042.00 each</b>
AGFA (1) DRY TABLE TOP IMAGER	<b>\$16,310.00 each</b>
<b>TOTAL PACKAGE PRICE:</b>	<b><u>\$74,352.00</u></b>
<p><b><i>Bundled package offer:</i></b>  <i>When 6 or more quoted radiographic units are purchased along with the CR units from Radiology Imaging Solutions Inc. a \$500.00 discount will be applied to each of the 6 or more CR units from (RIS)</i></p>	<b><i>\$500.00 Discount</i></b>



**REVISED**

*We at Radiology Imaging Solutions, Inc. submit this quotation for your review*

Item #	DESCRIPTION	QTY	
<p align="center"><b><u>Softmedical's PACS-FLO ++ PICTURE ARCHIVE AND COMMUNICATIONS SYSTEM</u></b></p>			
1	<p>Consisting of:  <b>PACS- FLO Software License</b>                      DICOM Image Archive, Multi-vendor operability                      DICOM licenses for up to 6 gateways</p>	1	Included
2	<p><b>Web-Flo Software Licenses</b>                      Web image distribution</p>	1	Included
3	<p><b>PACS Server Workstation</b>                      Dual core Intel Processor, PowerEdge 2950 or equivalent                      Redundant Power Supply, 1.2TB Raid 5                      Redundant Power Supply, 1.2TB Raid 5</p>	1	Included
4	<p><b>Flo-Gateway</b>                      Gateway and Scanning Software with web distribution                      T3400 or equivalent, 500GB in Raid 1                      HP Scam jet 5590 and 20" LCD flat panel</p>	6	Included
5	<p><b>Integration with NextGen</b>                      Integration based on one centralized Server                      Users launch the Softmedical viewer from NextGen application</p>	1	Included



Item #	DESCRIPTION
	<p data-bbox="310 730 1339 842"><i>Softmedical PACS with 1.2TB redundant server, Unlimited Web LAN access, Unlimited Internet Web-Flo access outside facility, Rack storage and 6 gateway viewing licenses.</i></p> <p data-bbox="862 877 1291 913"><b><u>Cost Minus Options: \$108,00.00</u></b></p> <p data-bbox="329 951 1336 987"><b>REVISED quotation with server rack and KVM switches removed from quote.</b></p>



Item #	DESCRIPTION	QTY	Price
	<p><b>Service and Support Options:</b></p> <ul style="list-style-type: none"> <li>❖ One-year remote software support &amp; upgrades.</li> <li>❖ Same business day on-site hardware service for computer systems (PACS only).</li> <li>❖ <b>Five year Software and Hardware support service agreement, which includes all up-dates (Starting second year), must be agreed to at time of initial sale with payments starting the second year.</b></li> </ul> <p style="text-align: right;">Total with options: Initials:_____</p> <p>Terms:</p> <ul style="list-style-type: none"> <li>❖ 20% upon acceptance of this quotation</li> <li>❖ 70% upon delivery of major components to installation site</li> <li>❖ 10 % upon completion of installation or availability for first use.</li> <li>❖ One year remote software support and upgrades</li> <li>❖ Addition software service must be purchased prior to existing warranty expiration.</li> <li>❖ All infrastructure, networking and pre-installation (including but not limited to electrical, plumbing, AC, Ethernet wiring, hubs and network cabling) costs are not included in the price. It is the clients responsibility to execute these tasks by professionals</li> <li>❖ Approximately 3-5 weeks delivery.</li> <li>❖ Shipping is included in price of system</li> </ul> <p>Radiology Imaging Solutions, Inc. will be responsible for IT support on the following items: All components and Software of the Web-FLO and PACS-FLO Archive Server</p>	<p>Per year</p>	<p>\$21,925.00</p> <p>\$_____</p>

**Training:**

The initial training and application phase typically includes two (2) full days of onsite application support by a factory trained Radiology Imaging Solutions representative. *The PACS will come with up to two of days of training on its own at each facility. So you will receive up to, two days of training for the CR digitizer and an additional up to, two days of training for the PACS.* Training and application support days will be scheduled between the hours of 8:00 AM and 5:00 PM. The days are typically training days for basic technologist users. The optional follow up phase is used to further refine image quality. This time can also be used to deepen the knowledge of the radiographic and CR System, and to reinforce the skills of now experienced users. A Representative of Radiology Imaging Solutions will conduct the radiographic application support phase. The description above is a minimum guideline to help you plan for a successful implementation of within your radiology department. The size and scope of projects will vary, as well as the experience and knowledge base of system users. Please carefully consider the specific needs of your site, and the level of computer skills of your staff when specifying the total number of days that are required. A maximum of three (3) days of application support can be delivered by in any one (1) week. Any added applications, to address varying work shifts; alternate training times and rates are available. Refresher training could be scheduled if needed, with Radiology Imaging Solutions Inc. personnel during normal working hours. Additional applications training over the two days will be charged \$2,000.00 per day and must be scheduled in advance



Bidder Response:

**Warranties:** Radiology Imaging Solutions, Inc. (RIS) represents manufactures' warranties to buyer that any new product purchased will be free of defects in material and workmanship, and will substantially conform to the applicable specification in effect on the date of shipment when subjected to normal, proper and its intended use by properly trained personnel. All products and labor shall be warranted for 12 months including x-ray tube starting from first day of use.

If manufacturer determines that a product fails to meet any specification during the applicable warranty period, RIS and or manufacturer shall correct any such failure as follows:

- A) By repairing, adjusting, or replacing any defective or non-conforming components or product.
- B) By making available any necessary repair repair or replacement parts or assemblies for exchange.

**Warranty Exclusions:**

- 1) Failure of Buyer to prepare the site and operating environment in accordance with requirements.
- 2) Failure to provide proper incoming power required supporting the equipment in accordance with requirements.
- 3) Modifications of product by party other then Radiology Imaging Solutions, Inc.
- 4) Acts of God, fires, floods, power surges. Strikes, sabotage, misuse, abuse, tampering or negligence.

**Disputes/Arbitration:** All disputes, controversies or claims of any kind arising from or in any way related to equipments function ability shall be settled by first good faith negotiations between Radiology Imaging Solutions, Inc., Manufacturer and Buyer. If the parties are unable to resolve the dispute, either party may submit the dispute for resolution and shall be settled by final and binding arbitration, in accordance with the rules of the American Arbitration Association (AAA) and the laws of the State of Michigan USA. The arbitration proceedings will be conducted before three neutral arbitrators. All arbitrators will be lawyers or judges selected from a list provided by the American Arbitration Association. The decision of the arbitrator will be final and may be enforced in any court having jurisdiction over the parties



## Service Maintenance Agreement for quoted Radiographic Equipment

### OPTION 1

**INCLUDES:**

- Part 1*            X-ray System Calibration and Performance Check  
See attached Guidelines, Sample Data, and Check List for complete details.  
This procedure normally takes four hours. Time depends upon the type of generator, age of equipment, and how many items need to be corrected.
- Part 2*            X-ray System Mechanical / Electrical Inspection  
See attached Guidelines, Sample Data, and Check List for complete details.  
This procedure normally takes four hours. Time depends upon the type of equipment, age of equipment, and how many items need to be corrected.
- Part 3*            Emergency Service and Travel done during normal working hours
- Part 4*            Replacements Parts
- Part 5*            Pricing: 20% of each units' price

Note: problems caused by abuse, neglect, or acts of God are not covered by Service maintenance agreement (SMA) and invoiced by time and material basis.

### OPTION 2

“Customer Care” Program

**Includes:**

- Service coverage
- Routine PM’s done during normal working hours
- One hour phone response.

**Pricing:**

Radiographic systems --Routine PM’s done one time per year.	\$ 750.00/unit
Service – Hourly service rates 8:00am – 5:00pm M-F	\$ 150.00/hr.
Overtime service – After 5:00pm M-F	\$ 225.00/hr.
Overtime service – Weekends and holidays	\$ 300.00/hr.
Scheduled travel* -- Hourly rates 8:00am – 5:00pm M-F	\$ 100.00/hr.
Emergency travel** -- Hourly rates 8:00am-5:00pm M-F	\$ 150.00/hr.
Overtime travel – Hourly rates after 5:00pm, weekends, & holidays	\$ 300.00/hr
Parts – Billed at 10% discount from manufacturer’s prices.	

\* Scheduled travel is when the customer requests service and it can be arranged at the customer’s and serviceman’s convenience.

\*\*Emergency travel is when the customer requests immediate service.

Note: Under our **Customer Care Program** there is no minimum service, or minimum travel charge. If service arrives on site by 2:00pm M-F and runs after 5:00pm **no overtime** charges would occur.

Note: Radiology Imaging Solutions, Inc. is a factory trained and certified systems dealer



**OPTION 1**

**Service Maintenance Agreement for quoted CR Equipment**

**INCLUDES:**

- Part 1* CR System Mechanical / Electrical Inspection (PMP)**  
This procedure normally takes four hours, and follows complete preventative maintenance guidelines set forth by manufacturer.
- Part 3* Emergency Service and Travel done during normal working hours**
- Part 4* Replacements Parts**
- Part 5* Pricing: 20% of each units' sale price**

**Note: Problems caused by abuse, neglect, or acts of God are not covered by service maintenance agreement (SMA) and invoiced by time and material basis.**



**OPTION 2:  
Service Maintenance Agreement for quoted CR Equipment Time and Material**

“Customer Care” Program

Includes:

- Service coverage
- Routine PM’s done during normal working hours
- One hour phone response.

Pricing:

Agfa/Fuji CR systems --Routine PM’s done one time per year.	\$ 750.00/unit
Additional Clients – Routine PM’s done one time per year.	\$ 100.00/unit
Service – Hourly service rates 8:00am – 5:00pm M-F	\$ 200.00/hr.
Overtime service – After 5:00pm M-F	\$ 300.00/hr.
Overtime service – Weekends and holidays	\$ 400.00/hr.
Scheduled travel* -- Hourly rates 8:00am – 5:00pm M-F	\$ 100.00/hr.
Emergency travel** -- Hourly rates 8:00am-5:00pm M-F	\$ 200.00/hr.
Overtime travel – Hourly rates after 5:00pm, weekends, & holidays	\$ 300.00/hr.
Parts – Billed at 15% discount from manufacturer’s prices.	

\* Scheduled travel is when the customer requests service and it can be arranged at the customer’s and serviceman’s convenience.

\*\*Emergency travel is when the customer requests immediate service.

Note: Under our ***Customer Care Program*** there is no minimum service, or minimum travel charge. If service arrives on site by 2:00pm M-F and runs after 5:00pm **no overtime** charges would occur.

Note: Radiology Imaging Solutions, Inc. is a factory trained and certified Agfa and Fuji Medical systems dealer.



**MEDICAL LASER SERVICE MAINTENANCE AGREEMENT**

Program Includes:

- Service coverage
- Routine PM's done during normal working hours
- One hour phone response,
- All replacement parts, labor and travel, excludes consumable items for one years.

Pricing:

The Service Maintenance Agreement (SMA) will be billed in advance at an annual rate of:  
**\$4,400.00**

Laser Service Coverage consists of:

Scheduled and emergency service and travel performed between the hours of 8:30 AM and 5:00 PM Monday through Friday excluding Radiology Imaging Solutions holidays. Services provided beyond described times will be billed according to rates listed below:

Overtime service – After 5:00pm M-F	\$ 225.00/hr.
Overtime service – Weekends and holidays	\$ 350.00/hr.
Overtime travel – Hourly rates after 5:00pm, weekends, & holidays	\$ 160.00/hr

**For calls outside included hours, there is a minimum charge of 8 hours  
 (4 travel/4 labor)**

Note: Radiology Imaging Solutions, Inc. is an Agfa Medical systems dealer. There may be times when Agfa factory service will be called in, for these rare occasions customer will be invoiced directly by Agfa.



## COMPARATIVE EQUIPMENT QUOTES TAB E:

**Equipment      NHD PLATINUM H.F. 50 KW FLOOR MOUNT RADIOGRAPHIC SYSTEM**

**CAT. NO.      ITEM / DESCRIPTION**

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NHD-5000      **50 kW / 150 kVp "Platinum HF" CPI Radiographic Generator:**

- > 50 kW output
- > mA Range: 10 to 630
- > kVp Range: 40 to 150 kVp in 1 kVp step
- > mAs Range: 0.5 – 1000
- > "APR" Anatomical Programmed Radiography
- > Graphic LCD display for APR and technique information.
- > Self-Diagnostics, Tube protection Self-calibrating.
- > AEC logic for HF generator
- **Nominal Input power: 3 Phase, 400-480 VAC (+/- 5%)**

01382      **X-Ray Tube: 3" Radiographic X-Ray Tube**

- > 0.6 / 1.5 mm focal spot sizes with 300,000 Heat Unit capacity
- > 150 kVp, High/standard speed rotor, 14° anode target angle, 90° arms

C-600      **High Voltage Cables:** One Pair, 25 ft. long with federal terminals

**J700      Platinum Floor Mounted Tubestand:**

- > Floor Mounted tubestand with 10 ft. long track
- > Column Rotation (+/- 180°), with 90 degree detents
- > Transverse Arm (10 inch travel)
- > Tube Angulations of +/- 135° with detents at 0°, +/- 90. Angulation dial, electric locks
- > Trunnion tube mount

J988      **DOUCON M150 Manual Collimator:**

- > Lamp/Timer Feature
- > Swivel Mount allowing 360° with 90° detents
- > 40"- 72" SID cassette size scales (metric also available 100cm & 180cm)
- > Includes: Integrated tape measure.

S222      **Elevating / Float-Top Radiographic Table:**

- > Tabletop length: 84" (214 cm) with 32" (82 cm) longitudinal travel
- > Transverse travel: 10" (26 cm)
- > Flat top design with low absorption material and patient weight capacity of 650 LB (295.5 kg)
- > Elevating Range of 23" - 34" with collision avoidance electronics
- > FAIL-SAFE electromagnetic braking system ensure safe, easy use
- > Recessed Foot Switches for all table movements
- > Par speed bucky with electric locks

**Equipment      NHD PLATINUM H.F. 50 KW RADIOGRAPHIC SYSTEM**

NHD-AEC      **Ionization Chamber:** Three-(3) field chamber; includes hardware

NHD-17B      **Bucky:** 17" x 17" (43 x 43 cm) reciprocating with multi-speed programmability

HE99      **Grid:** Pb, 103 lines / inch, (40 lines / cm), 10:1 ratio, 34" - 44" (86 - 112 cm) focal distance

02227      **Deluxe Heavy Duty Cassette Tray:** Accepts cassette sizes: 5" x 7" (13 x 18 cm) to 14" x 17" (35 x 43 cm)

J100      **Platinum Vertical Wall Stand:** Single-column structure

- > Rigid construction assures precise alignment
- > Versatile side-mounted, space saving design
- > Low absorption front cover material with cassette and AEC Indicators
- > Electromagnetic braking system and integral counterbalancing ensure safe, easy use
- NOTE: Specify either Right or Left Hand Loading

NHD-AEC      **Ionization Chamber:** Three-(3) field chamber; includes hardware



- NHD-17B Bucky: 17" x 17" (43 x 43 cm) reciprocating with multi-speed programmability
- HE99 Grid: Pb, 103 lines / inch, (40 lines / cm), 10:1 ratio, 36" - 44" (86 - 112 cm) focal distance
- 2227 Deluxe Heavy Duty Cassette Tray: Accepts cassette sizes: 5" x 7" (13 x 18 cm) to 14" x 17" (35 x 43 cm)

**Total for each system when 6 or more radiographic units ordered: (Options not included)**

**\$48,591.00 each**

**NOTE:** Even though the Summit equipment meets RFP specifications it is classified as *clinical grade* verses Quantum hospital grade equipment. Many of the materials used in the clinical grade are lighter weight and less durable.

**OPTIONAL EQUIPMENT:**

- NHD-4000 40 kW / 125 kVp "Platinum HF" Radiographic Generator:**
- > Digital Imaging Ready, ULTRA High Frequency Power, 120 kHz PLUS
  - > 40 kW output
  - > mA Range: 10 to 500
  - > kVp Range: 40 to 125 kVp in 1 kVp step
  - > mAs Range: 0.5 – 630
  - > "APR" Anatomical Programmed Radiography
  - > Graphic LCD display for APR and technique information.
  - > Self-Diagnostics, Tube protection Self calibrating.
  - Nominal Input power: 3 Phase, 480 VAC (+/- 5%) Single Phase 230 (Three-Phase Transformer 208-229 VAC Optional)

**DEDUCT: (\$3,000.00)**

- NHD-TRAN Three Phase (208 VAC) Power Supply Upgrade: FOR 40 kW generator only**  
For generators which require use of a Three Phase incoming power line (208-229 VAC)

**ADD: \$700.00**

QTY	CAT. NO.	ITEM / DESCRIPTION
1	<b>CR30-QPLUS</b>	<b>AGFA/QUANTUM: "CR 30 ORACLE<sup>CR</sup> Q-PLUS" PACKAGE</b>
		<b>CR 30.0-X CR READER</b> <ul style="list-style-type: none"> <li>&gt; Single Cassette Feed</li> <li>&gt; Throughput: 76 plates per hour (depending upon size and application)</li> <li>&gt; Fits anywhere: small footprint, table top, low energy requirements</li> <li>&gt; Excellent image quality w/ fiber optic bundles and state-of-the-art MUSICA2GenRad image processing</li> <li>&gt; Easy to service modular design will reduce down time and improve serviceability</li> <li>&gt; Flying spot: proven scan technology</li> <li>&gt; High Resolution Scanning at 10 pixels/mm</li> <li>&gt; Auto-calibrations and auto-corrections built in</li> <li>&gt; (W x D x H): 69 x 70 x 46 cm</li> </ul>
		<b>CR NX PC</b> <ul style="list-style-type: none"> <li>&gt; HP 500GB x 2 HD Level 1 RAID PC Workstation, Keyboard, Mouse</li> <li>&gt; INTEL Core Duo E8400 Processor</li> <li>&gt; ATI Radeon HD 2400XT (256 DH) 1<sup>st</sup> PCLe</li> <li>&gt; 2 GB DDR2 SDRAM</li> </ul>



- CD-DVD R/W Drive with automated image export to DVD
- WINDOWS XP PRO SP3 OS

**19" FLAT PANEL MONITOR**

- BARCO 19" Color Touch Screen High Quality LCD with DICOM Optimizing® Software
- Includes 3 Year Monitor Warranty and BARCO Swap-Out Program

**NX -ID SOFTWARE**

- QC and ID software records patient demographic and examination data in a study-oriented format onto the memory chip embedded in the CR30 cassette via radio frequency ID on one exam screen

**DICOM PRINT**

- Printer ready configuration can print to Agfa's DryStar dry printers and other DICOM enabled printers (multiple connections allowed)

**DICOM STORE/SEND**

- DICOM-Store Connection Software allows network transmission in the DICOM standard communication protocol format
- DICOM Storage Commit
- Images can be transmitted via network to PACS, standalone review stations, teleradiology servers in DICOM or Jpeg formats.

**DICOM Grayscale Display Standard "P-Value" OUTPUT**

**CD/DVD EXPORT – DICOM image with viewer, and Jpeg formats**

**Grid Line Suppression Software: (E4ZX8)**

- Automatic Detection & Removal of Grid patterns caused by stationary grids
- Removal of Moiré artifact on Monitors

**NX Premium EL CR30-X Software and MUSICA<sup>2</sup> GenRad™ SOFTWARE**

- On-line processing software performs multiple tasks
- Automatic Image-Processing (utilizing MUSICA<sup>2</sup> GenRad® Software) of incoming raw data from the CR unit
- Automatic or manual window/level setting
- Manual "black-border" collimation
- Pan, Roam, Zoom, Flip/Rotate, Free Text Annotation, R/L Markers, Search Tools
- HIPPA security log and IHE workflow compatibility
- Examination Window for Image QC

**Editing Window for Advanced Image QC Functions and Options**

**MUSICA<sup>2</sup> GenRad® Optimizes Image Quality and Workflow**

Agfa HealthCare's unique and patented Multi-scale Image Contrast Amplification algorithm, "MUSICA", automatically processes the radiographic image at multiple frequency ranges (detail sizes) and optimizes the contrast within each of these ranges.

MUSICA<sup>2</sup> GenRad is second generation MUSICA which intelligently renders exceptional bone and soft tissue detail simultaneously. MUSICA<sup>2</sup> analyzes the image data before applying optimal contrast and density to all details within the image.

This results in maximum radiographic detail throughout the image, greatly reducing the need for manual activities such as window and level. The improved image quality, productivity and workflow result in a process that is more efficient from start to finish.

**NX "Square Marker" SOFTWARE**

- Orientation Marker for a manually flipped or rotated image
- Displayed on softcopy/hardcopy

**NX "Black Border" Software**

- Automatic Black Border (Excellent for PACS users)

**NX PRECISION TOOLS SOFTWARE**

- NX Precision Tools includes:
- Annotation (advanced/programmable) Tools
- Ortho Measurement Tools, including Cobb Angle and Leg Length
- Digital Imaging Measurement Tools
- MUSICA<sup>2</sup> Image Processing Control panel

**Details of Precision Tools**

Advanced annotations content, Patient positioning markers (available on both Examination and Editing screens), Add predefined text, Add free text with/without arrow, Invert image, Apply shutters, Show/hide histogram, Advanced measurements content, Linear and circular calibration, angle, surface measurement of an circular, rectangular, free hand or polygonal annotation, distance measurement, leg length difference measurement, scoliosis measurement, perpendicular, line with midpoint, set different colors



**NX RIS CONNECTIVITY SOFTWARE**

New & improved RIS Link with DMWL, DICOM query by accession and procedure code mapping software package connecting the NX with existing information systems, such as a RIS or HIS. RISLINK allows the relevant patient file in the information system to be accessed from NX, either directly or via manual input, Windows, a mapped Worklist, a DICOM Worklist or accession number.

**Supports DICOM LOSSY & LOSSLESS Jpeg Image Compression formats**

**Increased Image Storage – 12,000 to 15,000 Images**

**NX 2008 Software Included**

**60+00022964 AGFA: BAR CODE READER**

Bar Code scanner set, complete with scanner, cable, stand and software

CAT. NO.                      ITEM / DESCRIPTION

**CR CASSETTES: 35 x 43 cm CASSETTE-PLATE SET WITH MD 4.0T PLATES – QUANTITY OF 4 EACH**

**CR CASSETTES: 24 x 30 cm CASSETTE-PLATE SET WITH MD 4.0T PLATES – QUANTITY OF 4 EACH**

**Q-CART                      CR30 CART**

Cart for CR 30-X with Monitor and Keyboard Holder. Attractive stand for the CR 30-X table top digitizer.

**EOM6J001                      (2) DAY OF AGFA APPLICATIONS TRAINING**

1                      XGRIDCAP1012A                      10X12 PROTECT-A-GRID II 10:1 178LPI 40-72”

1                      XGRIDCAP1417A                      14X17 PROTECT-A-GRID II 10:1 178LPI 40-72”

DESCRIPTION	CUSTOMER PRICE
<p>AGFA (1) SINGLE PLATE CR 30 ORACLE UNITS WITH CASSETTES</p> <p><b><i>Bundled package offer:</i></b>  <i>When 6 or more quoted radiographic units are purchased along with the CR units from Radiology Imaging Solutions Inc. a \$500.00 discount will be applied to each of the 6 or more CR units from (RIS)</i></p> <p>The Agfa 30 CR has the same software as the Agfa 35 SP. It uses different cassettes than the 35 SP, however both are manufactured by Agfa. The foot print is larger than the 35 SP. This is considered a clinic grade model.</p>	<p><b>\$44,291.00 each</b></p> <hr style="width: 20%; margin: auto;"/> <p><b><i>\$500.00 Discount</i></b></p>



QTY	CATALOG	<p style="text-align: center;"><u>FUJI CR PACKAGE X-FCR-XC-2-LITE</u> <b>(1) SINGLE PLATE READER</b></p>
1	X-FCR-XC2-LITE	<p><b>FCR-XC-2 with Lite IIP</b></p> <p><i>Reader packaged with the FCR Lite IIP. With throughput speeds of 72 images per hour, the CR Carbon XC-2 is a great choice for environments with lower caseloads that simply won't compromise on image quality. Ideal for remote locations or private physician's offices, so no matter where the image acquisition takes place, you get consistent, high-quality images.</i></p> <ul style="list-style-type: none"> <li>- Short cycle times for maximum technologist productivity</li> <li>- Private Practice menus and markers</li> <li>- A simplifies user interface for image processing in as few as three steps</li> <li>- Image preview as the IP is scanned for quick positioning checks.</li> <li>- Two (2) days of Training are included in the package.</li> <li>- Hardware includes FCR- XC-2 reader unit for IP scanning and erasure, UPS w/surge protection and power conditioning, and the Flash Lite IIP workstation.</li> </ul> <p>The Flash lite IIP is an ID and QA workstation designed with features to enhance productivity of the exam room technologist. The package includes hardware and software components used most frequently in the exam room, such as exam selection, image preview, basic annotation and QC tools as well as DICOM connectivity to RIS/HIS and PACS.</p> <ul style="list-style-type: none"> <li>- Perform patient ID, image processing, QA and image transmission from single compact workstation.</li> <li>- Hardware including desktop CPU (3.2GHz, 1G RA, 160 Hdd), keyboard, barcode reader &amp; 19 in. color touch screen LCD monitor</li> <li>- <b>Software features include</b> <ul style="list-style-type: none"> <li>• Main application software for simplified ID and QA.</li> <li>• DICOM Work list Management for interface to RIS/HIS</li> <li>• DICOM CR Store for connectivity to PACS</li> <li>• QC adjustment including exam reprocessing, sensitivity, latitude, density and contrast.</li> <li>• FNC (Flexible Noise Control) Advanced image processing for intelligent suppression of noise without loss of diagnostic information or sharpness</li> <li>• Editing tools such as automatic shuttering (black borders) and movable annotation markers.</li> <li>• Basic security features for technologist log in and log out.</li> <li>• Statistical Analysis reporting Text file download of patients images database, including reason for image rejection coding, for reject or other performance analysis.</li> <li>• DICOM Image Viewer Recording Software (DIV) enabling studies to be burned to CD/DVD from same workstation with or without a self-launching DICOM Viewer for interpretation at on any PC</li> </ul> </li> </ul>



QTY	CATALOG	DESCRIPTION
1	XCARBON-CART-S	Single cassette cart, heavy-duty cart provides space saving workstation, countertop space and cassette holder for FCR & Carbon reader. Rack design allows convenient placement of computer workstation at just the right height above reader. Includes a swivel mount for monitor, a CPU tuck-away area, and a spacious counter top for keyboard, mouse and barcode reader, and two side mounted cassette holders.
1	XDICOMPRINT	Enables DICOM Print function from the Flash IIP workstations.
1	XFREETEXT	Ideal for to add comments to digital image. Allows user to type comments and input them into the image
4	R230102ST6-SKPG	10X12 ST VI IMAGING PLATE SINGLE PKG
4	XCASS-10X12-CC	10X12 CASSETTE TYPE CC
4	R230147ST6-SKPG	14X17 ST VI IMAGING SINGLE PLATE PKG
4	XCASS-14X17-CC	14X17 CASSETTE TYPE CC
1	XGRIDCAP1012A	10X12 PROTECT-A-GRID II 10:1 178LPI 40-72"
1	XGRIDCAP1417A	14X17 PROTECT-A-GRID II 10:1 178LPI 40-72"
<p>The Fuji CR system meets RFP specifications. The XC-2 unit is considered clinical grade. The Fuji system uses Multi-object frequency processing (MFP) instead of MUSICA 2 image processing.</p>		



DESCRIPTION	CUSTOMER PRICE
<p>(1) FUJI SINGLE FCR-XC UNIT WITH CASSETTES MINUS OPTIONS</p> <p><b><i>Bundled package offer:</i></b>  <i>When 6 or more quoted radiographic units are purchased along with the CR units from Radiology Imaging Solutions Inc. a \$500.00 discount will be applied to each of the 6 or more CR units from (RIS)</i></p>	<p><b><u>\$37,941.00 each</u></b></p> <p><b><i>\$500.00 Discount</i></b></p>