This procurement will include a modular building, specs listed below.

1	1	LOGIQ E9 R5 with XDclear and Scan Assistant Package

LOGIQ E9 R5 with XDclear console includes Scan Assistant plus Through the combination of extraordinary images, easy workflow and expert tools, the LOGIQ E9 with XDclear provides the latest GE technology to help enhance diagnostic confidence and workflow efficiency every day in a variety of challenging exams. Innovative features: Agile Acoustic Architecture with flexible clinically based mathematical models of the body for enhanced image quality and XDclear transducer technology capabilities. Includes B-Flow * technology to help visualize real-time hemodynamic flow and vessel wall definition and Compare Assistant, a workflow enhancement tool that enables easy side by side comparison of previous ultrasound or other modality images with a live ultrasound image.   Also included: CrossXBeam (spatial compounding), SRI HD (Speckle Reduction Imaging in High Definition) with Organ Specific Imaging, and Coded Harmonics. Productivity can be enhanced through many features such as Raw Data for post-processing of images, Automatic Optimization, Virtual Convex, and Advanced 3D (w/ multiplanar displays). Advanced ergonomics including 19 inch color flat panel monitor (1280x1024) with articulating arm, motorized adjustable console, 10.4 inch color LCD touch screen, four active transducer ports with patented cable hook. Scanning modes include B-Mode, M-Mode, Color Flow, Pulsed Wave, and Power Doppler. Other system features include: Windows** Embedded Standard 7 operating platform, 776 MB cine memory, 500GB internal hard drive, DVD-R, image archive, built-in gel warmer, user footrest, integrated on-board black and white printer bay, and user programmable model parameters. Includes comprehensive software annotation, calculations, and worksheets supporting obstetrical, gynecological, vascular and general imaging applications. Includes a DICOM*** software package providing Verify, Print, Store, Multiframe, Modality Worklist, MPPS (Modality Performed Procedure Step), Storage Commitment, Media Exchange and Enhanced US Volume Storage. Additionally, supports Query/Retrieve and Structured Reporting. Does not

include network hardware, which may be required.   Includes initial installation and connection to customer network.   Includes one-year warranty and three days of On-site Applications Training. Additional On-site Applications Training days are available for purchase. Training must be completed within six (6) months after Product delivery, otherwise GE Healthcare's obligation to provide the training will expire without refund. Participating in advanced technology training at the GE Healthcare Education Center in Metro Milwaukee can be purchased separately. Customer workflow permitting and abiding by SDMS criteria, sonographer install CE's may be provided during install training. *Trademark of General Electric Company. **Third party trademarks are the property of their respective owners. *** DICOM is the registered trademark of the National Electrical Manufacturers Association for its standard publications relating to digital communications of medical information.

2	1	C1-6-D XDclear Transducer

XDclear is GE's highest performing transducer technology which is a proprietary combination of advanced materials and innovative acoustic design. Convex transducer with XDclear technology helps achieve impressive depth on patients with difficult body habitus. Applications: abdominal, obstetrics, gynecological, urology, and vascular. Biopsy kit available.

3	1	C2-9-D XDclear Transducer

XDclear is GE's highest performing transducer technology which is a proprietary combination of advanced materials and innovative acoustic design. Convex transducer with XDclear technology provides ultra-wide bandwidth and superb image quality. Applications: abdominal, obstetrics, gynecological, urology, vascular, pediatrics. Biopsy kit available.

4	1	IC5-9-D Micro-convex Intracavitary Transducer

Broad-spectrum micro-convex intracavitary transducer. Applications include: obstetrics, gynecological, and urological. Biopsy kit available.

5	1	9L-D Linear Transducer

Broad-spectrum linear transducer. Applications include: vascular, small parts, pediatric, and abdomen. Biopsy kit available.

6	1	ML6-15-D Matrix Linear Array Transducer

Matrix array broad-spectrum linear transducer. Applications include: small parts, vascular, pediatrics, neonatal, breast, thyroid, scrotal. Biopsy kit available.

7	1	L8-18i-D Linear Transducer

Broad-spectrum linear transducer. Preferred applications: musculoskeletal, small parts, vascular, intraoperative.

8	1	S1-5-D sector Transducer

Broad-spectrum sector transducer. Applications: abdominal, obstetrics, and gynecological. Biopsy kit available.

9	1	RIC5-9-D 4D Intracavitary Transducer

Real-time 4D micro-convex intracavitary transducer. Applications include: obstetrics, gynecological, and urological. Biopsy kit available.

10	1	LOGIQVIEW

Integrated, extended field of view B-mode imaging with measurement capability. Available on all linear and convex transducers.

11	1	LOGIQ E9 Advanced Elastography Package (Shear Wave and Strain)

Shear Wave elastography offers clinicians an advanced level of diagnostic information for the evaluation of tissue stiffness. With Shear Wave elastography, the LOGIQ* E9 ultrasound system uses a focused burst of acoustic energy from the transducer to generate Shear Waves to produce quantitative measurements and a 2-D color coded elastogram. Easy Workflow tools include auto measurement sequencing of Shear Wave image frames, ability to display measurements in kPa or meters per sec, user-programmable Shear Wave maps, single or dual view

display and summary measurement worksheet. Supported on C1-6-D, C1-6VN-D and 9L-D transducers. Strain Elastography Imaging using manual compression method for multiple applications. On-screen quality indicator included. Available on ML6-15-D, 9L-D, IC5-9-D, C1-5-D, C1-6-D, C1-6VN-D, C2-9-D C2-9VN-D transducers. *Trademark of General Electric Company.

12	1	Auto IMT

Automated measurement of IMT allows for both near and far wall measurements and user programmable off set point in vascular applications.

13	1	LOGIQ E9 Automated Real-time 3D/4D Volume Imaging Package

The LOGIQ* E9 Real-time 3D/4D Automated Volume Imaging package combines all the volume ultrasound Imaging capabilities into one convenient bundle.   In conjunction with the 4D Automated volume probes this Volume Ultrasound package includes the following features at a promotional price:

Real-time 3D/4D - this option provides an automatic volume acquisition in real-time. The acquired volume data can be displayed in multiple planes (A-, B- and C-plane), as a volume dataset, rendered image or as a combination of both. Viewing angle, rendering modes and size of the volume are user adjustable.

Two rendering modes (i.e., Surface, Surface Soft / Light, Transparent, Minimum, Maximum) can be combined in real-time with freely adjustable weighting.

Due to the geometrically accurate automated volume acquisition, the same measurements and calculations can be performed as on a 'standard' 2D image

With GE's unique Raw Data storage, the acquired volume data set can be stored, re-called and re-processed by applying 'live scanning controls' at any time.

The integrated Inversion Mode displays hypo-echoic structures (like vessels, cysts, etc.) bright and with smooth borders.

Static 3D Color provides a 3D view of vascular structures. With 'Glass Body Rendering', 3D Color Flow and transparent B-Mode tissue information can be combined.

(TUI) Tomographic Ultrasound Imaging enables volume data to be viewed in multiple slices and multiple planes, much like CT and MR, by using multiple simultaneous slices of a volume data set acquired with an automated volume transducer, helping to reduce probe time, while helping to improve throughput and diagnostic confidence.

Volume Review offers the ability to review the automated 3D/4D probe acquisition and store this data as a DICOM** Multi-Frame (Cine Clip).

VCI or Volume Contrast Imaging offers the ability to Render Thick or Thin Rendered slices of volume data in multiple planes (A, B and C), essentially changing pixel data to voxel data which helps to improve boarder definition and contrast resolution of any anatomy or pathology imaged with the automated 3D/4D volume probe(s).

This Package includes an extra (1) day of On-site Applications Training.   Additional On-site Applications Training days are available for purchase.

*Trademark of General Electric Company.

** DICOM is the registered trademark of the National Electrical Manufacturers Association for its standard publications relating to digital communications of medical information.

14	1	Sony BW 897 Printer

Sony UP897 B&W thermal printer for integrated mounting into the LOGIQ E9 console. Includes accessories. Uses E8310KD paper.

15	1	USB Foot Switch-3 Buttons

This is a three pedal footswitch with configurable button functionality at application level, providing the user with flexibility during procedures like stress echo requiring additional hand support.

16	1	POWERVAR UL 60601-1 Medical Grade UPS - 120VAC input only

POWERVAR UL 60601-1 Medical Grade UPS for use with microprocessor-based medical equipment requiring conformance with UL60601. This UPS is for use primarily in North

America, the input power to this UPS is 120VAC 60Hz only.

	1		**New LOGIQ E9 with XDclear**
17	1		LOGIQ E9 SVC TRNG+LDG/AIR

The course is an overview of the LOGIQ E9 product illustrating the practical skills needed to install software and peripherals, set up connectivity withother networking devices, and troubleshoot the system. Participants will be involved in basic system operations, identification of service tools and diagnostics, and disassembling the system. The course will provide a detailed explanation of the individual hardware and software components and their integration and interconnectivity with other system components. Participants will learn hands-on skills in labs designed to reinforce principles reviewed in class. Training must be redeemed within 18 months of purchase. Training is non refundable and non discountable. Pre-purchased training sold with equipment must be used by direct hospital employees only. Price includes tuition, lodging and airfare. PREREQUISITE: Essentials of Healthcare IT, R0359PG Explore Connectivity Basics for Ultrasound, or an approved IT certification.

	1		**Ultrasound Accessories**
18	1		Trophon EPR

Trophon EPR

Trophon EPR - High Level Disinfection System for Ultrasound Probes. Trophon protects patients and staff by delivering quality assured, eco-friendly transducer disinfection.

Trophon is designed as a customer installed unit and requires no GE installation assistance

INCLUDES:

Trophon Accessories Kit

- 1 Cable Management System Tray Double sided tape
- 1 Literature Pack: MSDS, User Manual, Quick Reference Guide (2), Validated Probes List
- 1 Power Cord

19	1	Trophon Sonex HL 6 bottles/box (80 ml bottles)
		Trophon Sonex HL 6 80 ml bottles/box
		Sonex-HL - Hydrogen Peroxide Aqueous Solution for use with Trophon EPR disinfection system. Contains 6 sealed cartridges. Approximately 240 exams.
20	1	Trophon Chemical Indicator
		Trophon Chemical Indicator
		Trophon In-Process Chemical indicator - 300 per package - Trophon CI is used by Healthcare providers to confirm that Minimum Effective Concentration of disinfectant is delivered by the Trophon EPR system.
21	1	Trophon Wall Mount
		Trophon Wall Mount
		Trophon EPR Wall Mounting System and wall mounting guide.
22	1	Trophon Printer
		Introducing the Trophon Printer, the much anticipated automated documentation system designed for the Trophon EPR high-level disinfection solution by Nanosonics. The Trophon Printer accurately records each high-level disinfection cycle to meet your accreditation requirements. Eliminate the potential for incomplete or inaccurate record keeping and take the risk out of record keeping with the Trophon Printer.
		The Trophon Printer provides an easy solution for high-level disinfection traceability and documentation. Designed for use specifically with the Trophon EPR, it generates an adhesive label detailing the results of each disinfection cycle for inclusion in patient records and quality assurance systems.
		Up to four labels can be selected and printed after each disinfection cycle is completed. The results of each cycle (pass or fail) are presented in a clear illustrative format on the label, minimizing the risk of misinterpretation. The user can also add further important information such as probe serial number and operator details.

NOTES:

- Trophon EPR system firmware 1.2 or higher is required to use the Trophon Printer

23   1   Trophon Printer Paper

Trophon Printer Paper

Customer: Department of Veterans Affairs

Customer Facility: Portland VA Medical Center, Vancouver, Washington Campus
1601 E. Fourth Plain Blvd.
Vancouver, Washington 98661

Site Preparation for: A Diagnostic Imaging Facility consisting of the following modular building unit: Unit D

1) A Williams Scotsman modular building unit housing:

b) A GE Healthcare LOGIQ E9 with XDclear Ultrasound System
c) A VA provided general radiographic system
d) Diagnostic Imaging Facility support areas

The site preparation work ("work") consists of furnishing the design, construction, labor, materials, equipment, and related services set forth in the specifications contained in this Scope of Work related to:

1) Preparing the site for the installation of three modular buildings (14' × 60') manufactured by Williams Scotsman, Inc., Portland, Oregon for the purpose of housing the diagnostic imaging systems and facility support areas listed under the above Site Preparation.
2) Furnishing and installing the modular building. Unit D

The work (defined below) will conform to the general configuration (floor plan) represented in the "Work Drawings" which consist of the following drawing(s), incorporated herein by reference.

- The drawing prepared by Colin Construction Company, Grass Valley, California, for its Outpatient Modular MR/CT project, sheet A1, revision 4, Unit D, and dated September 17, 2015.

The Williams Scotsman modular building will (i) comply with the Williams Scotsman, Inc., Portland, Oregon, outline specifications titled "Specification Sheet," dated October 8, 2014, incorporated herein by reference.

The "site" where the work will be performed consists of approximately 3,100 sq. ft. of existing green space where the Diagnostic Imaging Facility will be located. The site is located adjacent to and north of the VA's new Primary Care Building facility on the Portland VA Medical Center, Vancouver Campus identified above.

Work Elements Included:

1. <u>General</u>:
   a. Coordinate and attend design meetings to define the work.
   b. Furnishing applicable architectural/engineering services and construction drawings.
   c. Coordinating the VA furnished physicist's shielding designs with the X-ray room design specifications.
   d. Coordinating the VA furnished geotechnical information into the structural foundation design of the diagnostic imaging facility.
   e. Submitting construction documents to facility for approvals.
   f. Coordinate and attend a pre-construction meeting and periodic progress meetings throughout the project.
   g. Providing record drawings and associated closeout documentation at project completion.
   h. Furnishing project management and on site supervision.
   i. Furnishing the rigging of the modular building unit on the weekend.
   j. Davis-Bacon wages and benefits.

2. <u>Sitework and Foundations</u>:
   a. Maintain a reasonably clean and safe job site in compliance with OSHA regulations.
   b. Furnishing site erosion control measures, temporary construction fencing, debris removal, and a dumpster.
   c. Furnishing the excavation and removal of the existing soils to the design depth for placement of the concrete foundations.
   d. Furnishing and installing reinforced concrete stem wall foundations and footings over existing undisturbed soil and/or engineered fill at the bottom of the foundation trenches for the diagnostic imaging facility.
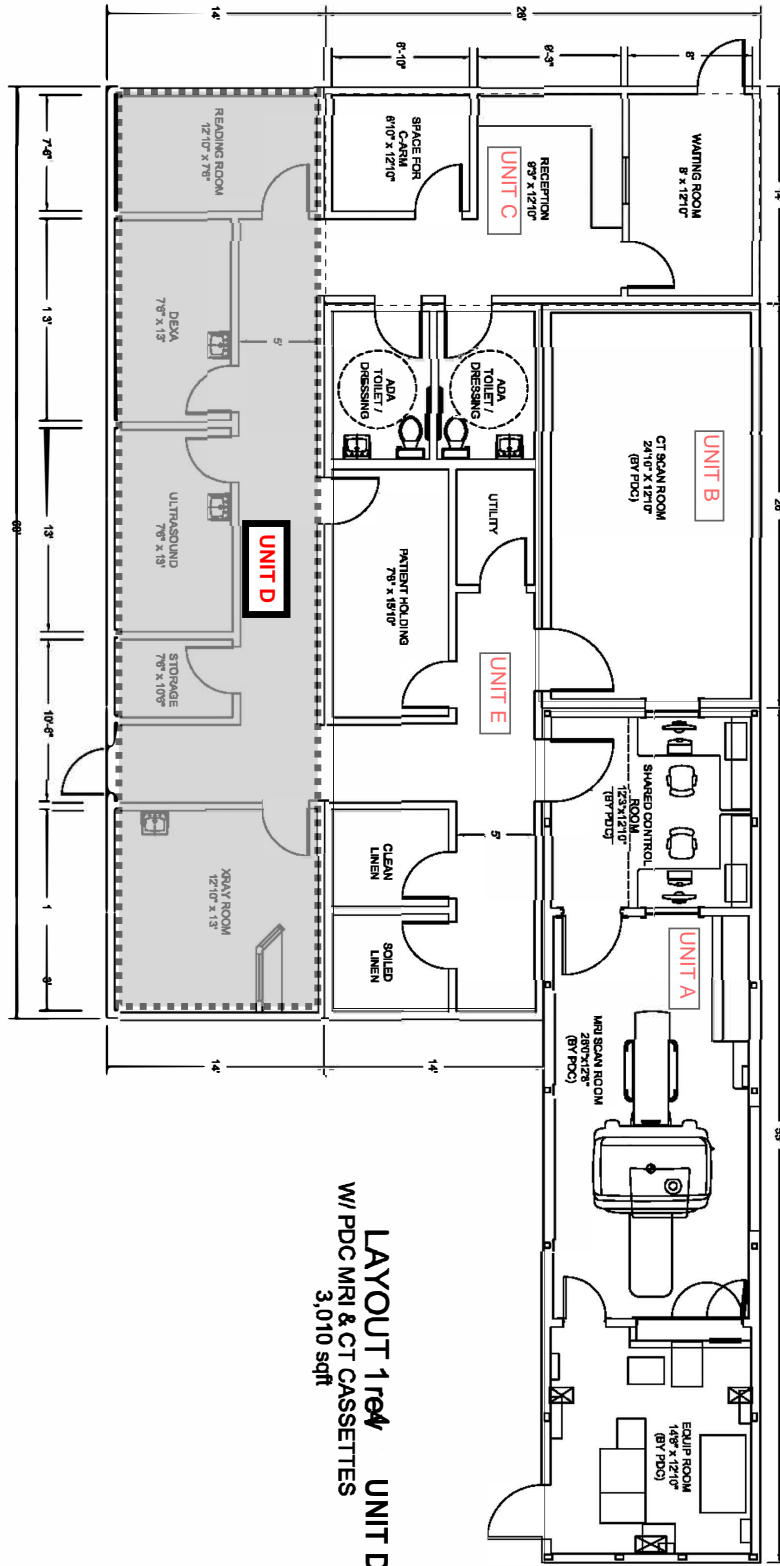
     e.   Furnishing and installing an on-grade reinforced concrete pad for the placement of the MR systems chiller.

     f.   Furnishing and installing the steel anchoring plates and grouting required for the placement and attachment of the modular building units to the reinforced concrete foundations.

     g.   Furnish the backfilling and rough grading after construction of the reinforced concrete foundations.

3.   <u>Exterior Elements</u>:

     a.   Furnishing and installing a brick veneer around the entire diagnostic imaging facility.

4.   <u>Modular Buildings Specifications</u>:

     a.   Refer to the outline specification documents described above under "Site Preparation."

     b.   All modular building interior design elements and finishes will be coordinated with the VA interior design staff.

5.   <u>Radiation Shielding</u>:

     a.   Provide radiation shielding in the walls, door, and window of the X-ray Exam room.

6.   <u>Mechanical</u>:

     a.   Provide package roof top HVAC unit with electric reheat. Provide devices, controls, wiring, and programming to tie the HVAC unit into the VA's energy management system.

     b.   Provide start up and check out of the HVAC unit and a complete test and balance report.

     c.   Provide wet pipe fire suppression system throughout the entire diagnostic imaging facility. Provide connection to water source within the site provided by the VA.

     d.   Provide domestic water connection to water source within the site provided by the VA.

     e.   Provide sanitary and storm sewer connections to sanitary and storm sewer tie in points within the site provided by the VA.

     f.   Provide medical gas connections to medical gas connection tie in points within the site provided by the VA.

7.   <u>Electrical</u>:

     a.   Provide fire alarm system design, devices, controls, wiring, and programming to tie the diagnostic imaging facility fire alarm system into the VA's fire alarm system.

     b.   Provide nurse call system design, devices, controls, wiring, and programming to tie the diagnostic imaging facility nurse call system into the VA's nurse call system.

     c.   Provide phone and data wall plates, conduits, and wiring to patch panels within the diagnostic facility. VA to provide wiring, finial connections, and programming from the patch panels to the VA main panels.

     d.   Paging and security systems by the VA.

Work Elements Excluded:

1.   Providing any work elements that are not specifically listed in the above Work Elements Included section.

2.   Providing state and local drawing reviews and building permits and associated fees.

3.   Providing any rough and finish site work, grading, landscaping, sidewalks, curb, etc.

4.   Reinforcing any adjacent existing building structural system or elements.

5.   Providing radiation designs, surveys or radiation safety plans.

6.   Providing vibration remediation of excessive site vibration levels.

7.   Removal or abatement of asbestos, mold, biohazard, or hazardous materials.

8.   Providing a UPS system or associated battery cabinet(s) and bypass panel.

9.   Piles or subsurface caissons.

10.   Excavation and removal of rock or other subgrade impediments.

11.   Site surveys.

gwh)

READING ROOM
12'10" x 7'6"

UNIT C

SPACE FOR
C-ARM
6'10" x 12'10"

RECEPTION
6'5" x 12'10"

WAITING ROOM
8' x 12'10"

DEXA
7'6" x 13'

ADA TOILET / DRESSING

ADA TOILET / DRESSING

CT SCAN ROOM
24'10" x 12'10"
(BY PDC)

UNIT B

UNIT D

ULTRASOUND
7'6" x 13'

PATIENT HOLDING
7'6" x 18'10"

UTILITY

STORAGE
7'6" x 10'9"

UNIT E

SHARED CONTROL
ROOM
12'5" x 12'10"
(BY PDC)

XRAY ROOM
12'10" x 13'

CLEAN LINEN

SOILED LINEN

UNIT A

MRI SCAN ROOM
28'0" x 12'0"
(BY PDC)

EQUIP ROOM
14'9" x 12'10"
(BY PDC)

LAYOUT 1 rev4   UNIT D
W/ PDC MRI & CT CASSETTES
3,010 sqft

					DESIGN LOADS:	
Date:	~~9/18/2014~~ **Updated 10/8/14**		Size:	14x28, 14x46, 14x60	Floor:	50
Customer:	**Williams Scotsman**		Description:	Medical office for use w/ future MRI/CT cassettes	Wind:	110c
Location:	Vancouver, WA		Insignias:	WA	Roof:	30
Project:	**Portland/Vancouver VA MC**			**MBI Seals - One per Module**		

PERIMETER FRAME

Size:	(1) 14 x 28, (1) 14 x 46, (1) 14 x 60
Main rails:	10" x 4" x 3/16" tube
Crossmembers/floor joists:	
Type 1 - End:	Same as main rails
Type 2 - Heavy duty	W6 x 15 @ 4' oc
Running gear	No
Primer/Paint	
Primer	Rustoleum Zinc coating (everything)
Paint	Perimeter only
Bottom cover prep:	1" x 1" x 1/8" steel angle
Insulation:	R30 rigid insulation
Decking/finish:	B-36 (20 ga) floor deck with 4" lightweight concrete

WALL FRAMING

Framing (Exterior):	6" x 18 ga LGS @ 16" oc **Height: 12' nominal**
Framing (Interior):	3-1/2" x 18 ga LGS @ 16" oc Except plumbing wall to be 6" **Height: 10'8" nominal**
Steel posts:	6 x 6 steel tube at each corner - 3-1/2 x 3-1/2 steel tube at quarter points for top picking purposes
Cap beam:	Provide 6 x 4 "cap beam" at top of all exterior walls
Frame For:	Doors, windows

ROOF STRUCTURE

Style:	"Flat"
Framing:	Rafter 6" x 18 ga LGS @ 16" oc attached inside perimeter walls
Ceiling Joists (RR's)	6" x 16 ga @ 2' oc
Bottom cover:	5/8" sheetrock firetaped (double layer for 1-hour fire rating)
Rims:	6" x 18 ga LGS track
Frame For:	Rooftop HVAC
Insulation:	R30 continuous rigid (min) on top of B-deck
NOTE:	Use 3-1/2" rigid + 4" to 0" tapered on top to achieve 1/4 / 12 roof slope
Sheathing:	20 ga B-36 deck
Venting:	None

EXTERIOR WALL FINISH

Insulation (Exterior):	R19 fiberglass batt + min R10 rigid on exterior side of walls
Sheathing:	5/8" exterior gyp over 24 gauge sheet metal sheathing
Moisture protection:	Wrap lower 12" of building and corners with moistop - Wrap building with Typar building wrap
Siding:	Cementboard - smooth, then finished with Stuc-O-Flex
Trims:	None

ROOFING

Cover:	Duralast (white) single ply 40 mil membrane, Class A (15 year warranty) over 1/2" Densdeck - run up and over mini parapet, walls - Cap parapet walls with concealed fastener - sheet metal cap flashings
Drainage:	Roof drains with internal downspouts
	Overflows plumbed internal to exit just above floors
NOTE:	**HVAC roof curb to be shipped loose for installation on site by others**
Mod Line Closeup:	Field weld (by Durolast certified installer(s))

SPECIFICATION SHEET

DOORS

EXT/INT	QTY	SIZE	TYPE	HINGE	LITE	FINISH	LOCK	DEADBOLT	CLOSER	OTHER
EXT	2	3 x 7	HM	SS-BBH NRP	NO	PAINT (textured)	Schlage ND50PD	NO	LCN 4040XP	Thresh, Sweep, Weatherstrip & Kickplate 1-side
INT 7, 9 (Ultra Sound, X-ray)	2	3 x 7	KDHM SPL	BBH	NO	PAINT/ FRAME	Schlage ND10PD	NO	LCN 4040XP	KICKPLATE
INT 1 (Waiting)	1	3 x 7	KDHM SPL	BBH	NO	PAINT/ FRAME	Schlage ND53PD	NO	LCN 4040XP	KICKPLATE
INT 3, 4 (RR, Dressing)	2	3 x 7	KDHM SPL	BBH	NO	PAINT/ FRAME	Schlage ND40PD	NO	NO	KICKPLATE
INT 8, 11, 13, 14 (Storage, Utility, Linen)	4	3 x 7	KDHM SPL	BBH	NO	PAINT/ FRAME	Schlage ND80PD	NO	NO	KICKPLATE
INT 5, 10, 12 (Reading Room, Patient Hold)	3	3 x 7	KDHM SPL	BBH	NO	PAINT/ FRAME	Schlage ND10PD	NO	NO	KICKPLATE
INT 2 (Space for C arm)	1	3 x 7	KDHM SPL	BBH	NO	PAINT/ FRAME	Schlage ND53PD	NO	NO	KICKPLATE
INT 6 (Dexa)	1	3 x 7	KDHM SPL	BBH	NO	PAINT/ FRAME	Schlage ND53PD	NO	NO	KICKPLATE

PROVIDE WALL BUMPERS FOR ALL INTERIOR DOORS

EXTERIOR
HM = Insulated Steel door/Welded Steel Jamb/Galvanized
INTERIOR
KDHM = Knock Down Hollow Metal
SPL = Solidcore P-lam

LOCKS
Schlage ND50PD Entrance
Schlage ND53PD Entrance
Schlage ND40PD Privacy
Schlage ND80PD Storeroom
Schlage ND10PD Passage

Main Entry door to have Horton Auto-Operator with push button and a 1070 tempered sidelite.

WINDOWS

	EXT/INT	QTY	SIZE W x H	BRAND	SLIDER	GLAZING
1	INT	1	4 x 3	YES	HORIZONTAL	SINGLE - SHOP BUILT

FLOOR COVER

Restrooms: Dressing Room	Sheet vinyl - Armstrong, Medintech with heat welded seams
Base:	Cove sheet vinyl up walls 4"
All Else:	Armstrong "Standard Excelon" 1/8" VCT
NOTE:	**Lay VCT in 50% offset layout**
Base:	4" rubber

WALL COVER

Insulation (Interior):	R11 acoustic fiberglass batt @ all walls full height to rafters, except insulate only 1 wall at dble mod line walls.
Restrooms:	4' Acrovyn (laid up on gypsum) wainscot all 4 walls - Finish room with 5/8" Gypsum "Light Orange Peel" texture
NOTE:	**Use moisture resistant gypsum in restroom**
All Else:	5/8" Gypsum "Light Orange Peel" texture
Type of Paint:	Pittsburgh Paints (Speedhide - Eggshell) or equal
NOTE:	**All Interior walls painted 1 color only - Additional colors will incur an additional charge**

We assume 4# leaded drywall (up to 7'), window, and doors in the Xray room. Shielding report by others.

CEILING

Entire Building:	2' x 2' T-bar grid & tile - Armstrong "Cortega" #770 square edge, except provide gypsum ceiling in RR
Ceiling Height:	8'-0"

INTERIOR TRIM	
Wainscot:	Plastic or aluminum inside corners - Plastic or alum J at top of wainscot
Window casing:	None
Doors (exterior):	Caulked & painted HM frame
Doors (interior):	Painted HM frames
SPECIALTIES	
Toilet Tissue:	(2) single roll - Bobrick B-2730
Mirror:	(2) 18"x30" - Glass with no frame
Grab Bars:	(2) 36" & (2) 42" & (2) 18"
Corner Guards:	Furnish & install 2" x 2" x 4' Acrovyn corner guards at all (6) outside corners
CABINETS	
Type:	Plastic laminate
Brand/Style:	Cascade Casework
For	Reading & Reception
Countertop:	Plastic laminate
Backsplash	Same as top
Front edge:	Same as top
HVAC	See attached for more specifics
Comb Heat/AC:	Carrier 13 SEER Package HP - roof top with Economizer (2 units)
Ducting:	Overhead
Diffuser:	24" x 24" T-bar
Thermostat:	(2) Programmable - 7 day, stand alone
Ship loose:	Roof top units with curbs
NOTE:	**Start up, testing and balancing on site by Pacific Mechanical**
PLUMBING	
Toilet - Handicap:	(2) Handicap Height, Elongated Bowl, Pressure Assist Gerber 21-318
Lavatory:	(2) 19" x 17" Wall Hung, One Piece Wall Hanger Gerber 12-314
Faucet Sensor	(2) Electronic Hand Washing Faucet Sloan ETF-600
Water Heater:	(1) Electric Tankless Water Heater 240V - 7.5kw - 32A Eemax EX75T
NOTE:	**Water Heater mounted on wall in Restroom below Lavatory**
Roof Drains:	(6) PVC Body, Gravel Guard, Dome Strainer Sioux Chief 867-P3
Water Lines:	Copper and Aquapex - Single Point Water Stub
Sewer Lines:	PVC DWV Schedule 40 Plastic - Single Point Waste Stub
NOTE:	**Plumbing tree stubbed to one point connection - Provided by Blazer - Installed on site by others**
EXCLUDE:	**CONDENSATE - GAS**

Reading Room, DEXA, Ultrasound, Storage, Hall and X-ray rooms
1. One Carrier 2 ½ ton 13 SEER pkg. heat pump with 7 K.W. electric strip and economizer
2. Engineered drawings
3. All ducting per our design
4. Grilles, registers and diffusers
5. Seven day programmable stand-alone thermostat
6. Travel expenses to Blazer and Portland job site
7. Start up and test
8. In house balance (not certified)
9. One year parts and labor warranty

Waiting Room, Reception, Space for C-ARM, Restrooms, Patient Holding, Utility , Clean and Soiled linens
1. One Carrier 3 ton 13SEER pkg. heat pump with 7 K.W. electric strip and economizer
2. Engineered drawings
3. All ducting per our design
4. Restroom exhaust
5. Grilles, registers, and diffusers
6. Seven day programmable stand-alone thermostat
7. Start up and test
8. In house balance (not certified)
9. One year parts and labor warranty

Excluding:

1. Anything to do with the MRI or C/T scan room
2. On – site crane or fork lift
3. Permits if required
4. Cutting, patching or painting if required
5. Commissioning if required
6. Condensate drain piping

ELECTRICAL	
Service:	**Provided and installed on site by others**
Meter Base:	**Provided and installed on site by others**
Panel:	(1) 200 amp 120/208 volt - Stub thru exterior wall
Material:	Metallic Raceway System - EMT, MC Cable and/or Flex Conduit
Receptacles:	(35) Duplex 20 amp
	~~(5)~~ Dedicated 20 amp **(10)**
	(2) 20 amp GFCI
	(2) 20 amp WP GFCI
Switches:	(6) 3 way
	(5) Single pole 0-10V dimmer
Automatic Controls:	(6) Occupancy sensors - **Wall mount**
	(5) Occupancy sensors - **Ceiling mount**
Phone/Data Box:	(10) 4" square boxes with single gang mud ring - Stub up and down with 3/4" flex conduit -
	Wire and Devices provided and installed on site by others
NOTE:	**All devices and face plates to be White**
Wire For:	Roof Mount Packaged Heat Pump with Economizer per Pacific Mechanical
	Programmable Thermostats per Pacific Mechanical
	(1) Electric Tankless Water Heater 240V - 7.5kw - 32A
	(2) Sensored faucets
Sign circuit:	(1) 20 amp dedicated circuit
Lights:	(20) Troffer 2'x4' - 2-tube with T-8, 32 watt tubes and single electronic ballasts
	(6) Troffer 2'x4' - 3-tube with T-8, 32 watt tubes and single electronic **dimmable** ballasts
Exterior Light:	(2) 42 watt fluorescent with vandal resistant cover and integral Photo Cell Lithonia OWPS 42F
Ext. Emergency Light:	(2) dual head with battery back up Compass CSWEU2
Exit-Emergency Combo:	(3) Illuminated with dual head emergency lights and battery back up - **Red Letters** Lithonia LHQM
Int. Emergency Light:	(3) dual head with battery back up Lithonia ELM2
Exhaust Fan:	(2) Restroom exhaust fan Switched with light in Restroom (by Pacific Mechanical)
FA Raceway Only:	(1) Exterior Horn/Strobe - (2) Pull Station - (15) Interior Horn/Strobe - 4" square boxes (painted red)
	with single gang mud ring (painted red) - Stub up only with 1/2" flex conduit
EXCLUSIONS:	**ALL SERVICE EQUIPMENT**
	ALL LOW VOLTAGE DATA/PHONE/TV CABLING

SPRINKLER SYSTEM - ~~No~~   Yes; city water to be brought to site within 10LF of modular building.

OTHER	
Building Height:	13'-2" - Add transport trailer height to get total shipping height
Closeup:	Shrinkwrap entire building
Wire sliders:	Provide (2) per module
Other:	Provide roof hatch & ladder. Hatch to be field installed by other.