

Worksheet Completion Instructions		
Proposers should complete		
Instructions tab:		
Column C on this worksheet (lines 4 & 5)		
Requirements tab:		
Column I - Use codes from the Code Table below to complete this column		
Column J - provide a description of how the Solution satisfies the requirement		
Enter Proposer name	in cell C3 here	->
Enter whether proposed Solution is SaaS or on-premise	in C4 here	->

Explanation of Requirements Column Headings		
Solution requirements appear on the Requirements tab		
The columns are defined as follows:		
Column C ID for the functionality		
Column D Major Category for the functionality		
Column E Sub-Category of the Major Category		
Column F Title of the Requirement		
Column G Detailed description of the functionality		
Column H Priority of the functionality (Mandatory, High, Medium, Low)		
Column I Proposer's numeric response per the Code Table below		
Column J Proposer's explanation		

Code Table (enter a code in Column I for each requirement on the Requirements tab)	
6	COTS Solution is fully compliant – no modification required
5	COTS Solution compliant via “Customer configuration option” (by customer)
4	Third-party software is necessary to provide the functionality, also describe in Column J.
3	COTS modification required (by vendor)
2	New development required (by vendor)
1	Functionality cannot be met

Priority	
Mandatory	Urgent need - Critical business impact if not met. Work stoppage if not met.

Oregon Department of Corrections EHR Solution Requirements						Enter Code 1 - 6		
ID	Category	Sub-Category	Title	Functionality Description	Priority	Proposer Input	Proposer Narrative Response	
79	1 - Administration	103 - Reporting Capabilities	Disease State and Condition-based Reporting	The Solution must generate reports on clinical conditions as defined by ODOC, such a list of patients not meeting A1c targets. A1c is a blood test for type 2 diabetes and prediabetes.	Mandatory			
163	1 - Administration	103 - Reporting Capabilities	Documentation Status Reporting	The Solution must generate reporting for documentation completion, missing documentation, and late documentation (as defined by ODOC).	Mandatory			
247	1 - Administration	103 - Reporting Capabilities	In-patient Care and Infirmary Reporting	The Solution must include standard reporting capabilities for in-patient care / infirmaries, such as admission/discharge and length of stay.	Mandatory			
683	1 - Administration	103 - Reporting Capabilities	Legislative Reporting Requirements	The Solution must provide reporting of the following deidentified and disaggregated data concerning the health outcomes of all adults in the custody of the department: (a) life expectancy; (b) obesity rates; (c) vaccination rates; (d) sexually transmitted disease infection rates; (e) substance use disorder rates; (f) suicide attempts and completions; (g) rates of maternal mortality and severe maternal morbidity, as those terms are defined in ORS 432.600; (h) infant mortality rates; and (i) Any other data specified by the Oregon Health Authority by rule under subsection (2)	Mandatory			
374	1 - Administration	103 - Reporting Capabilities	MAR Reporting	The Solution must include standard reporting capabilities related to medication administration and the electronic medication administration record	Mandatory			
158	1 - Administration	103 - Reporting Capabilities	Meaningful Use Attestation Reporting	The Solution must generate reports for Meaningful Use attestation.	Mandatory			
372	1 - Administration	103 - Reporting Capabilities	Medication Compliance - MAR	The Solution must include capabilities for monitoring and reporting patient compliance percentages with medications.	Mandatory			
299	1 - Administration	103 - Reporting Capabilities	Order Reporting	The Solution must include standard reporting on all orderables, ordering.	Mandatory			
80	1 - Administration	103 - Reporting Capabilities	Patient Demographic Data	The Solution must provide the ability to capture and report on facility/population-wide demographics to show trends.	Mandatory			
156	1 - Administration	103 - Reporting Capabilities	Patient Reporting	The Solution must generate "roll up" reporting on patient characteristics, demographics, diagnoses, orders, or any other discrete data fields.	Mandatory			
167	1 - Administration	103 - Reporting Capabilities	Performance Improvement Data Reporting	The Solution must provide reports that monitor performance improvement data, like percentage of fully completed treatment plans.	Mandatory			
345	1 - Administration	103 - Reporting Capabilities	Pharmacy Reporting	The Solution must have pharmacy reporting, including but not limited to Drug Enforcement Administration (DEA) controlled drug dispensing data, drug specific, therapeutic category dispensing data, on/off formulary usage, prescriber-and site-specific drug utilization, etc.	Mandatory			
159	1 - Administration	103 - Reporting Capabilities	Quality Measure Reporting	The Solution must generate reports for quality measure reporting.	Mandatory			
684	1 - Administration	103 - Reporting Capabilities	Report COVID Cases using OHA Race, Ethnicity, Language, and Disability (REALD) content	The Solution must readily produce a report of Adult in Custody (AIC) COVID-19 cases incorporating the information identified on the Oregon Health Authority (OHA) Race, Ethnicity, Language, and Disability (REALD) form.	Mandatory			
305	1 - Administration	103 - Reporting Capabilities	Results Reporting	The Solution must include standard reporting capabilities for results posting, such as number of new lab results posted but not yet reviewed by Provider.	Mandatory			
168	1 - Administration	103 - Reporting Capabilities	Treatment Outcome Reporting	The Solution must provide the ability to measure and report on treatment outcomes.	Mandatory			
390	1 - Administration	103 - Reporting Capabilities	Utilization Reporting	The Solution must generate reports for all clinician orderables, including clinical services (procedures, nurse care, etc.) and medical supply items (DME, prescriptions, etc.), regardless if ordered individually or as part of an order set.	Mandatory			
618	1 - Administration	3 - Reporting Features	Ad Hoc Query Features	The Solution must provide a query capability that supports the following functionality, but not limited to: a) Case sensitive and non case sensitive queries; b) Ability to match parts of words, whole words, or multiple word phrases; c) Boolean (and/or) combinations of keywords; d) Approximate matches (e.g., phonetic match, sound-alike, allow spelling errors); e) Structured queries (which allow matches constrained to certain fields); f) Ability to show matched lines or entire matching records; g) Ability to specify limits on the number of matches returned; h) Allowing unlimited prefix or suffix by using "wild cards"; i) Comparison operators: (equal, not equal, greater than, less than, like, not like).	Mandatory			
165	1 - Administration	3 - Reporting Features	Ad Hoc Reporting	The Solution must permit users to create ad hoc reports without vendor assistance, allowing data to be viewable on the dashboard, filtered, sorted and manipulated. Data from these reports must be downloaded into 3rd party applications such as Excel, Access, Crystal Reports, etc.	Mandatory			
315	1 - Administration	3 - Reporting Features	Clinical Decision Reporting	The Solution must include standard reporting capabilities related to clinical decision support, such as number of contraindication alerts issued.	Mandatory			
317	1 - Administration	3 - Reporting Features	CQI Auditing and Reporting	The Solution must have the ability to develop continuous quality improvement (CQI) auditing and reporting.	Mandatory			
318	1 - Administration	3 - Reporting Features	CQI Data Protection	The Solution must ensure that CQI data and reports are not included in routine exports of the patient health record (CQI data is protected).	Mandatory			
389	1 - Administration	3 - Reporting Features	Dashboard	The Solution must allow users to easily query data, view results on the dashboard, and to sort, filter, include/exclude search fields, reorder columns on the dashboard view, and drill down for additional information (i.e., underlying patient information for a data set).	Mandatory			
615	1 - Administration	3 - Reporting Features	Data Included	The Solution Ad Hoc Query/Reporting Interface must provide access to data/data stores including: Active Patient Charts, Archived data, Business Intelligence/data warehouse (DW), and Audit Logs.	Mandatory			
109	1 - Administration	3 - Reporting Features	Data Visualization	The Solution must include the ability to produce tables and color graphs/charts to accompany reporting.	Mandatory			

Oregon Department of Corrections EHR Solution Requirements

ID	Category	Sub-Category	Title	Functionality Description	Priority	Enter Code 1 - 6	Proposer Input	Proposer Narrative Response
616	1 - Administration	3 - Reporting Features	Data Warehouse	The Solution must support de-identified production data uploads to a data warehouse which must be used for statistical analysis and reporting. The schedule is to be configurable.	Mandatory			
320	1 - Administration	3 - Reporting Features	Export Formats for Reporting	The Solution must have a variety of formatting options available for reports generated/exported (e.g., Word, PDF, Excel). In addition, Solution must have the ability to create export files to be use in common 3rd party applications such as Excel, Access, Crystal Reports, etc.	Mandatory			
316	1 - Administration	3 - Reporting Features	Facility Structure	The Solution must be able to report at all major levels of health services including all facilities, some facilities, individual facilities, all clinics, some clinics, individual clinics, all providers, some providers, individual providers. EHR reporting able to reflect future changes in the facility structure.	Mandatory			
171	1 - Administration	3 - Reporting Features	Longitudinal Reporting	The Solution must provide the ability to baseline, compare and trend multiple captures of discrete data fields.	Mandatory			
321	1 - Administration	3 - Reporting Features	Printing Reports	The Solution must include the ability to print / export portions or all of the health record to both paper and electronic file formats such as PDF, for external record requests. Selective export function to allow User discretion of chart elements to be exported.	Mandatory			
157	1 - Administration	3 - Reporting Features	Productivity Reporting	The Solution must generate clinician activity-based reports such as (but not limited to) number of visits completed in a defined period.	Mandatory			
115	1 - Administration	3 - Reporting Features	Report Creation Support and Assistance	The Proposer must assist in the creation of customized reports post-implementation, upon request and potentially with additional charges as agreed upon in the Statement of Work.	Mandatory			
617	1 - Administration	3 - Reporting Features	Reporting Access	The Solution must enable authorized users to perform statistical analysis, reporting, and ad-hoc queries against the data warehouse.	Mandatory			
543	1 - Administration	3 - Reporting Features	Reporting access and favorites	The Solution must include the ability to centrally apply role-based view/edit access for all reports. In addition, all Users must have the ability to "favorite" or otherwise indicate a preference list of reports	Mandatory			
329	1 - Administration	3 - Reporting Features	Reporting on Historical Data	The Solution must have the capacity to include archived records and data fields in reports.	Mandatory			
111	1 - Administration	3 - Reporting Features	Scheduled Reporting	The Solution must have the ability to schedule automated reports to run at user-specified intervals.	Mandatory			
211	1 - Administration	3 - Reporting Features	Screening and Transfer Reporting	The Solution must include standard reporting capabilities for screenings and transfers.	Mandatory			
209	1 - Administration	3 - Reporting Features	Screening Documentation	The Solution must include screenings and capabilities for conditions such as tuberculosis, HIV, sexually transmitted diseases (STDs), pap smears, mammograms, prostate and/or testicular exams, tetanus, Hepatitis A and B, Hepatitis C, influenza, COVID-19, etc.	Mandatory			
221	1 - Administration	3 - Reporting Features	Standardized Behavioral Health Testing	The Solution must include the ability to document and complete any standardized psychological, intelligence, or other behavioral health related testing (Examples: Minnesota Multiphasic Personality Inventory (MMPI), Test of Adult Basic Education (TABE), Adverse Childhood Experiences (ACEs), etc.).	Mandatory			
323	1 - Administration	3 - Reporting Features	Standardized Reporting	The Solution must include existing reports the Vendor has designed as part of a reporting suite and available as part of the proposed Solution.	Mandatory			
322	1 - Administration	3 - Reporting Features	System Administration Back-end Reporting	The Solution must be able to report on usage by all Users, down to the individual keystroke where appropriate, with timestamps including changes to master data files.	Mandatory			
160	1 - Administration	3 - Reporting Features	Volume Reporting	The Solution must generate reports that indicate upcoming activity including constraints, such as patients needing discharge or clinic visit capacity	Mandatory			
226	1 - Administration	4 - Practice Management	Activity Scheduling	The Solution must include capabilities for scheduling and documenting individual tasks/work items.	Mandatory			
408	1 - Administration	4 - Practice Management	Billing & Insurance	The Solution must not require charge codes, invoicing, or other commercially-focused billing activity. Billing and/or charge capture activities are hide-able as appropriate.	Mandatory			
386	1 - Administration	4 - Practice Management	Chart Pre-build	The Solution must be able to pre-build a new patient chart prior to the first visit at intake. Pre-build accepted on all commonly-received transition of care documentation including registration, demographic information, translation needs, active medications, allergies, labs, images, and prior history such as hospital discharge summaries, and outpatient after visit summaries. Department of Corrections must be able to define required fields, if any, for chart pre-builds.	Mandatory			
58	1 - Administration	4 - Practice Management	Check-in Kiosk / Remote Check-in	The Solution must include the ability to integrate with a patient kiosk or alternative remote patient check-in.	Mandatory			
677	1 - Administration	4 - Practice Management	Dental Progress Notes	The Solution must include the ability for the dental team to enter progress notes specific to any dental treatment provided.	Mandatory			
673	1 - Administration	4 - Practice Management	Dental Treatment Plan	The Solution must include the ability to generate a plan of treatment by clicking areas of decay or other issues (such as cracked tooth or non-restorable tooth) on specific teeth in the graphic display of the dentition. For example, if the dentist marks the tooth to indicate that the tooth requires removal, the treatment plan would list that tooth as requiring removal.	Mandatory			
227	1 - Administration	4 - Practice Management	Documenting Rounds	The Solution must include capabilities for documenting and data capture done during clinician rounding, without needing to create an encounter or file a full progress note. Solution must present the rounding documentation in the order that the clinician will see those patients.	Mandatory			
222	1 - Administration	4 - Practice Management	Drug and Alcohol Treatment	The Solution must include features for treatment of addiction to drugs or alcohol.	Mandatory			

Oregon Department of Corrections EHR Solution Requirements						Enter Code 1 - 6		
ID	Category	Sub-Category	Title	Functionality Description	Priority	Proposer Input	Proposer Narrative Response	
669	1 - Administration	4 - Practice Management	Encounters	The Solution must include the ability to group tasks commonly done together in the context of a clinician visit and display the documentation for those tasks in ODOC-defined order. Encounter templates are configurable and adaptable by ODOC. Encounter templates are searchable and can be suggested to the clinician upon entry into the chart.	Mandatory			
102	1 - Administration	4 - Practice Management	Flexible Treatment Plans	The Solution must include flexible treatment plans that can be re-prioritized and modified as needed. Treatment plans are viewable as a whole or in parts as needed by User.	Mandatory			
544	1 - Administration	4 - Practice Management	Group Activity documentation	The Solution must have the ability to document group activities such as behavioral health treatment, substance use disorder, or treatment and programming. Solution must support a clinician in writing the common parts once, filed though in each respective patients chart, and separately documenting on each individual chart the unique parts of the group visit.	Mandatory			
245	1 - Administration	4 - Practice Management	Hospice Care	The Solution must include the ability to capture hospice or end-of-life care.	Mandatory			
207	1 - Administration	4 - Practice Management	Intra-system Transfers	The Solution must include an encounter template/type for handling intra-system transfers between institutions.	Mandatory			
237	1 - Administration	4 - Practice Management	Multi-clinician Meeting Documentation	The Solution must have the ability to document a meeting of a multi-clinician encounter. Solution must be able to associate all clinicians present to the encounter and subsequent progress note.	Mandatory			
225	1 - Administration	4 - Practice Management	On-call Documentation	The Solution must include an encounter template/type for documenting crisis/on call.	Mandatory			
260	1 - Administration	4 - Practice Management	Optometry Services	The Solution must include the ability to document an eye exam and other vision diagnostics. Solution must be able to produce eye diagram in chart. Eye diagram can be charted on.	Mandatory			
685	1 - Administration	4 - Practice Management	Patient Identification	The Solution must use the inmate/patient's State Identification Number(SID) number as the means to identify and access any inmate/patient information.	Mandatory			
236	1 - Administration	4 - Practice Management	Patient Treatment Plan Configurable Template Creation	The Solution must be able to create site-specific care plans, care protocols, and guideline documents by an authorized administrator. (templates – initial and long term/ongoing).	Mandatory			
235	1 - Administration	4 - Practice Management	Patient Treatment Plan Templates	The Solution must include standard treatment plan templates documenting for behavioral / mental health.	Mandatory			
546	1 - Administration	4 - Practice Management	Progress Note Templates	The Solution must be able to pre-populate progress notes based upon User-defined or centrally-defined templates. Pre-populated elements and language are further editable by User.	Mandatory			
382	1 - Administration	4 - Practice Management	Progress Notes	The Solution must include the ability to file documentation of a patient encounter or intervention. Solution must support progress notes that are reportable, configurable and can serve as triggers for other actions, like encounter closure.	Mandatory			
535	1 - Administration	4 - Practice Management	Scanned Attachments	The Solution must provide the configurable ability to create a review task for the provider of record when their patient's record is amended with a scanned attachment.	Mandatory			
387	1 - Administration	4 - Practice Management	Specialty Encounters	The Solution must include the ability to support and schedule nurse-driven visits and encounters with clinical support staff, like medical assistants, social workers, etc.	Mandatory			
204	1 - Administration	4 - Practice Management	Task Lists & Work Queue	The Solution must have capabilities for providing work (or task) lists that show items needing completion or review such as lab/diagnostic results, reports, items needing signature and follow-up items.	Mandatory			
98	1 - Administration	4 - Practice Management	Treatment Plan Change Tracking	The Solution must include the ability to track modifications and display to User changes to treatment plans. The Solution must be able to group tracked changes in a clinically relevant way such as "resolved", "new", etc. Solution must be able to report changes over time.	Mandatory			
674	1 - Administration	4 - Practice Management	Treatment Prioritization	The Solution must allow a method to assign a numerical priority rating to each treatment as listed on the treatment plan.	Mandatory			
545	1 - Administration	4 - Practice Management	Treatment Team	The Solution must have the ability to assign and maintain clinician users to a patient's care team. Solution automatically updates notifications and work queue tasks upon change of care team members. Solution must support routing of orders, gap of care alerts, work queue items, etc. based upon currently assigned care team.	Mandatory			
231	1 - Administration	4 - Practice Management	Treatment Team Assignment Manager	The Solution must include the ability to assign and update care team members individually or in batches.	Mandatory			
682	1 - Administration	4 - Practice Management	Treatment Team Dentists	The Solution must include a patient's medical information and prescribed medications that are relevant to their upcoming dental services (as determined by ODOC dentists) in the dental record so that dentists do not have to search medical history.	Mandatory			
398	1 - Administration	4 - Practice Management	Unique Identifier	The Solution must assign and manage unique identifiers to patient records. Solution must support multiple unique identifiers, including external unique identifiers like enterprise master patient index (EMPI). Solution must support a custom unique identifier as needed by DOC.	Mandatory			
202	109 - Flowsheet & Results	112 - Flowsheet & Results	Advanced Directives	The Solution must have the ability to capture, display, and track advanced directives.	Mandatory			
277	109 - Flowsheet & Results	112 - Flowsheet & Results	Annual Physicals	The Solution must include features utilized to capture annual physicals.	Mandatory			
395	109 - Flowsheet & Results	112 - Flowsheet & Results	Assessment Builder	The Solution must include an ability to assemble structured data fields of any type in any order to create guided assessments as defined by DOC.	Mandatory			
210	109 - Flowsheet & Results	112 - Flowsheet & Results	Behavioral Health Screening	The Solution must include screenings for behavioral health, sex offender treatment, and substance use treatment.	Mandatory			

Oregon Department of Corrections EHR Solution Requirements

ID	Category	Sub-Category	Title	Functionality Description	Priority	Enter Code 1 - 6	Proposer Input	Proposer Narrative Response
392	109 - Flowsheet & Results	112 - Flowsheet & Results	Capture Structured Data	The Solutions must have the capability to capture discrete, structured data. Solution must be able to capture multiple values for the same field, organized by time of capture. The Solution must enable User to view longitudinally across values, with all values reportable.	Mandatory			
407	109 - Flowsheet & Results	112 - Flowsheet & Results	Chain of Custody Tracking	The Solution must include chain of custody tracking for items such as blood admin, specimen collection, etc.	Mandatory			
406	109 - Flowsheet & Results	112 - Flowsheet & Results	Charting By Exception	The Solution must include the ability to set regular assessments such that in instances of frequent review without significant day-to-day change, the previous assessment's results can be carried through, with only changes/exceptions marked.	Mandatory			
394	109 - Flowsheet & Results	112 - Flowsheet & Results	Create/Delete/Edit Tables by User	The Solution must include an ability for a sufficiently privileged User to create a new flowsheet of any type or edit an existing flowsheet.	Mandatory			
396	109 - Flowsheet & Results	112 - Flowsheet & Results	Data manipulation capable	The Solution must include the ability for flowsheet rows to accept basic calculations and if/then's within the same row or to drive new rows.	Mandatory			
244	109 - Flowsheet & Results	112 - Flowsheet & Results	Documenting Activities of Daily Living (ADL)	The Solution must include the ability to document care for activities of daily living (ADL) as is typically provided by nursing aides or in a long-term care (LTC) facility. (e.g., bathing/showering, toileting, turning and turn schedules, brushing teeth).	Mandatory			
537	109 - Flowsheet & Results	112 - Flowsheet & Results	Expected Release Date	The Solution must be able to capture expected release date. Release date data field is used to trigger release planning activities such as provider visits, continuity of care work queue tasks, etc.	Mandatory			
206	109 - Flowsheet & Results	112 - Flowsheet & Results	Intake Screening	The Solution must have the capability for intake / reception screening for medical, behavioral health, substance use disorder and dental.	Mandatory			
393	109 - Flowsheet & Results	112 - Flowsheet & Results	Pre-built tables	The Solution must include any pre-built or pre-configured flow sheets often included with commercial off-the-shelf (COTS) EHR products, such as vitals, demographics, etc.	Mandatory			
539	109 - Flowsheet & Results	112 - Flowsheet & Results	Shift Change Documentation	The Solution must include a flowsheet for documenting the clinical handoff that occurs at shift change.	Mandatory			
397	109 - Flowsheet & Results	112 - Flowsheet & Results	Triggers	The Solution must be able to generate work queue, pended orders, referrals, and other items based upon entry, value, or other characteristics.	Mandatory			
464	114 - Non-Functional	116 - Data Management	Audit Trail	The Solution must have the ability to provide detailed audit information on all data accessed or changed within The Solution. This includes user ID, Date, Time, data before and after change	Mandatory			
438	114 - Non-Functional	116 - Data Management	Data Ownership	The Solution must maintain that all data contained within the Solution is the property of ODOC, who must retain the exclusive rights of use now and in perpetuity.	Mandatory			
477	114 - Non-Functional	116 - Data Management	ETL	The Solution must support the Extract, Transform and Load (ETL) processes via real-time web services or batch processes.	Mandatory			
479	114 - Non-Functional	116 - Data Management	Hosting Locations	The Solution must certifiable that any and all Department data must reside in data centers located in the continental United States.	Mandatory			
493	114 - Non-Functional	116 - Data Management	Import / Export	The Solution must provide a mechanism for bulk import / export of AIC health records.	Mandatory			
415	114 - Non-Functional	116 - Data Management	Policy Compliance	The Solution must be able to enforce the Federal, state and DOC data retention policies. Oregon: All medical records must be kept for a period of at least seven years after the date of discharge	Mandatory			
413	114 - Non-Functional	116 - Data Management	Release of Information	The Solution must provide a Release of Information (ROI) process that enables the patient to control access to his/her data including: who has access, how data can be accessed, what can be accessed, when it can be accessed, and who has access with whom.	Mandatory			
419	114 - Non-Functional	116 - Data Management	Release of Information	The Solution must provide sharing of AIC health record with external entities while honoring HIPAA and State of Oregon release of information rules.	Mandatory			
494	114 - Non-Functional	117 - Integration	AIC Schedules	The Solution must enable HS staff to see AIC schedules when scheduling AIC healthcare appointments.	Mandatory			
495	114 - Non-Functional	117 - Integration	AIC Special Needs	The Solution must enable Non-HS staff to see AIC special needs updates in real-time. This must be controlled by permission based access only.	Mandatory			
499	114 - Non-Functional	117 - Integration	APIs	The Solution's supported APIs must include HL7 FHIR, HL7 SAIF, and C-CDA	Mandatory			
480	114 - Non-Functional	117 - Integration	CIS Integration	The Solution must provide real-time read/write access to AIC information from ODOC sources on a real-time or near real-time basis.	Mandatory			
496	114 - Non-Functional	117 - Integration	External Sharing	The Solution must be able to receive and share AIC patient data with external entities	Mandatory			
472	114 - Non-Functional	117 - Integration	Health Information Exchange	The Solution must standardize the structure and visibility of data and applications to support automated integration with Health Information Exchanges (HIEs) and other healthcare delivery entities.	Mandatory			
516	114 - Non-Functional	117 - Integration	ODOC Integration and Interfaces	The Proposer must work with ODOC to establish required interfaces as defined in the detailed scope of work.	Mandatory			
578	114 - Non-Functional	117 - Integration	PDF & XML Output	The Solution must generate output in PDF and XML formats as needed.	Mandatory			
113	114 - Non-Functional	117 - Integration	Reporting Compatibility	The Solution database must be compatible with Crystal Reports.	Mandatory			
521	114 - Non-Functional	117 - Integration	XML	The Proposer's Solution must use XML standard messaging format to ensure interoperability.	Mandatory			
443	114 - Non-Functional	118 - Technical	3rd Parties	The Proposer must ensure that third party business partners are seamlessly integrated into the proposed Solution. Describe any third party components that are proposed as part of the Solution.	Mandatory			
487	114 - Non-Functional	118 - Technical	ADA Compliance	The Solution must provide user interface for users with disabilities compliant with ADA interface guidelines, as applicable.	Mandatory			
444	114 - Non-Functional	118 - Technical	Architecture	The Proposer must provide a description of their proposed technical architecture including what components are loaded on the client, what components are loaded on the server, etc.	Mandatory			

Oregon Department of Corrections EHR Solution Requirements

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						Proposer Input	
433	114 - Non-Functional	118 - Technical	Audit Trail	The Solution must contain information necessary to meet Health Information Technology for Economic and Clinical Health Act (HITECH) auditing standards.	Mandatory		
670	114 - Non-Functional	118 - Technical	Barcode	The Solution must include barcode capabilities that can be utilized across multiple functions, including but not limited to pharmacy/medication line (medline), Durable Medical Equipment (DME), etc.	Mandatory		
445	114 - Non-Functional	118 - Technical	Code, Lists, Lookup Values	Wherever practical and appropriate, the Solution must be designed so that business rule parameters and code lookup tables can be easily updated without changing the overall application program logic.	Mandatory		
488	114 - Non-Functional	118 - Technical	Ease of use - Modify Appearance	The Solution must provide users with the ability to move, re-size, and modify the appearance of display windows, to select sound and volume of audio alerts, and to save modifications in a user profile.	Mandatory		
481	114 - Non-Functional	118 - Technical	Input e-signature	The Solution must support capture of electronic signature via e-signature pads.	Mandatory		
450	114 - Non-Functional	118 - Technical	Legal	The Proposer must ensure that all Solution technologies implemented are in compliance with any End User Licensing Agreements or other licensing arrangements.	Mandatory		
608	114 - Non-Functional	118 - Technical	Multiple Environments	The Solution must have development, test, training, performance, staging and production areas.	Mandatory		
469	114 - Non-Functional	118 - Technical	Radiology Lab integration	The Solution supports the real-time and batch upload and download of radiology images with radiology labs.	Mandatory		
523	114 - Non-Functional	118 - Technical	Third Party Licensing	The Proposer must identify 3rd party licenses in use in Solution.	Mandatory		
609	114 - Non-Functional	118 - Technical	Training Environment	The training environments of the Solution must closely simulate the production environment of the Solution.	Mandatory		
518	114 - Non-Functional	118 - Technical	Update Currency	Unless otherwise mutually agreed to in writing, the Proposer must maintain any and all hardware and software products required to support the Proposer's Solution at their most current major version (patches, fixes, upgrades, and releases for all software, firmware and operating systems) or no more than one version back from the most current major version.	Mandatory		
607	114 - Non-Functional	118 - Technical	Upgradable	The Solution must be upgradable without modifying existing configuration values. An exception is made for any values that the new version uses in different ways from the previous version.	Mandatory		
451	114 - Non-Functional	118 - Technical	Workflow Configurable	The Solution must be configurable to achieve conformance with DOC workflows.	Mandatory		
470	114 - Non-Functional	118 - Technical	X-Ray Capture & Review	The Solution must provide the ability to capture and retrieve/review X-rays simultaneously in real-time at usable resolution.	Mandatory		
436	114 - Non-Functional	119 - Standards/Regulation/Compliance	ADA	The Solution must conform to the sub-parts of Section 508 of the Americans with Disabilities Act (ADA), and any other appropriate State or federal disability legislation, as applicable. Refer to http://www.ada.gov/508/ and https://www.oregon.gov/documents/state-website-guidelines.pdf	Mandatory		
602	114 - Non-Functional	119 - Standards/Regulation/Compliance	Business Associate agreement	The Proposer and their subcontractors must execute and adhere to a HIPAA Business Associate agreement.	Mandatory		
199	114 - Non-Functional	119 - Standards/Regulation/Compliance	CEHRT	The Solution must be Certified EHR Technology (CEHRT) in accordance with the definition provided in 45 CFR Part 170.102 required for Stage 1 and Stage 2 of meaningful use in calendar year 2015 and subsequent years. https://www.federalregister.gov/documents/2020/05/01/2020-07419/21st-century-cures-act-interoperability-information-blocking-and-the-ondc-health-it-certification	Mandatory		
442	114 - Non-Functional	119 - Standards/Regulation/Compliance	Continental US Hosting	The Proposer must ensure that all ODOC data stored off-site (including data "in the cloud") by the Solution must be stored in data centers residing within the continental United States of America.	Mandatory		
551	114 - Non-Functional	119 - Standards/Regulation/Compliance	Digital Signature	The Solution must comply with NIST Federal Information Processing Standards (FIPS) Publication 186-4: Digital Signature Standard as required by CMS for use of secure algorithms in digital signatures.	Mandatory		
437	114 - Non-Functional	119 - Standards/Regulation/Compliance	Electronic Signature	The Solution must support and comply with the Uniform Electronic Transactions Act (UETA) and the Electronic Signatures in Global and National Commerce Act (ESIGN) when capturing electronic signatures.	Mandatory		
603	114 - Non-Functional	119 - Standards/Regulation/Compliance	e-signature	The Solution must comply with all Oregon ORS 84 (Uniform Electronic Transaction Act)	Mandatory		
491	114 - Non-Functional	119 - Standards/Regulation/Compliance	FedRAMP	The Solution's hosting environment for all components must be compliant with Statement on Standards for Attestation Engagements (SSAE-18) SOC 2 Type 2 and have Federal Risk and Authorization Management Program (FedRAMP) Certification, FedRAMP Risk Assessment that indicates compliance, or has a documented NIST 800-53 rev 4 or higher at a "moderate" system risk assessment designation.	Mandatory		
552	114 - Non-Functional	119 - Standards/Regulation/Compliance	Harmonized Security and Privacy Framework	The Solution must comply with Harmonized Security and Privacy Framework - Exchange Reference Architecture Supplement Version 1.0 and as required by CMS.	Mandatory		
572	114 - Non-Functional	119 - Standards/Regulation/Compliance	National Commission on Correctional Health Care (NCCHC)	The Solution must provide the configurability required to enable implementation of and adherence to NCCHC policy, auditing and reporting requirements to achieve and maintain accreditation.	Mandatory		
527	114 - Non-Functional	119 - Standards/Regulation/Compliance	ONC	The Solution must be certified as CERHT 2015 by an ONC ATCB	Mandatory		
550	114 - Non-Functional	119 - Standards/Regulation/Compliance	Secure Hash	The Solution must comply with NIST Federal Information Processing Standards (FIPS) Publication 180-4: Secure Hash Standards as required by CMS for use of secure hash algorithms	Mandatory		

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553	114 - Non-Functional	119 - Standards/Regulation/Compliance	Web Services	The Solution must comply with OASIS Web Services Security - Simple Object Access Protocol (SOAP) Message Security Version 1.1 Specifications as required by CMS to build secure web services to implement message content integrity and confidentiality.	Mandatory			
556	114 - Non-Functional	121 - Hardware	Desktop computer	The Solution must be accessible by all users via the ODOC desktop/laptop minimum configuration of Windows 10, 10th Generation Intel Core i5-10600, 16G RAM, vPro Manageability, Intel Integrated Graphics.	Mandatory			
383	114 - Non-Functional	121 - Hardware	Dictation	The Solution must support and include software and hardware that enable dictation as an input method into The Solution.	Mandatory			
391	114 - Non-Functional	121 - Hardware	Dispense Security	The Solution must support and include technology certified compliant with DEA's Interim Final Rule (IFR) for Electronic Prescriptions for Controlled Substances - March 31, 2010. 75 FR 16236 Levels: Pharmacy, Controlled Substances	Mandatory			
429	114 - Non-Functional	121 - Hardware	e-signature	The Solution must support devices enabling the capture of e-signature (e.g., button, PIN, biometric, token, digital signature) that is compliant with HIPAA and other OR state regulations.	Mandatory			
180	114 - Non-Functional	121 - Hardware	Monitoring Devices	The Solution must interface with medical devices (e.g., glucometers) to obtain and record clinical information.	Mandatory			
606	114 - Non-Functional	121 - Hardware	ODOC Printers	The Solution must enable authorized users to direct printing to appropriate printers on ODOC networks.	Mandatory			
555	114 - Non-Functional	121 - Hardware	Tablets	The Solution must support portable access to The Solution via the use of a Tablet P.C. or handheld device.	Mandatory			
468	114 - Non-Functional	121 - Hardware	X-Ray Machines	The Solution must provide the capability to capture and store and retrieve x-rays via identified X-ray machines.	Mandatory			
439	114 - Non-Functional	122 - Software	Web-based Access	Solution web-based applications must be accessible through Microsoft Edge running on Windows 10 (1909) or above operating system, the DOC browser standard. If the Solution requires additional components, technical details of those components must be provided.	Mandatory			
568	114 - Non-Functional	124 - Role Based Access Control	RBAC - Data	The Solution must enable the administrator to control the scope of data access at the patient level, type of data (Physical, Behavioral, Dental, Pharmacy/Medications), by specific designated restricted or sensitive attributes (e.g., human immunodeficiency virus (HIV), mental health treatment data), by database views, stored procedures, etc. This hierarchical control must include control of read, write, and delete.	Mandatory			
571	114 - Non-Functional	124 - Role Based Access Control	RBAC - Privileges	The Solution must enable the administration of user access control by enabling the creation, modification and suspension of privileges or rights, which manage and control scope of access to both data objects (read/write/delete) and activities (system functionality).	Mandatory			
570	114 - Non-Functional	124 - Role Based Access Control	RBAC - Roles	The Solution must enable the administration of user roles which can themselves encompass defined user roles in a hierarchical fashion. Administration of roles includes the creation, modification and suspension of roles and assignment of privileges.	Mandatory			
610	114 - Non-Functional	125 - Performance	Agreed Responsiveness	The Solution must provide response times within a time frame agreed to with ODOC. What your average response times for: Placing an order? Retrieving a patient record? Scheduling an appointment? Administering a medication?	Mandatory			
611	114 - Non-Functional	125 - Performance	Batch Processes	The Solution must complete batch processes within the time frame specified without impacting transactional system performance.	Mandatory			
466	114 - Non-Functional	125 - Performance	Image Storage and Retrieval	The Solution must scale to support the storage and retrieval of all document images saved to the Solution.	Mandatory			
612	114 - Non-Functional	125 - Performance	Performance Testing	The Solution must include performance tests that verify that the system production environment will perform at capacities identified in the Capacity Requirements.	Mandatory			
467	114 - Non-Functional	125 - Performance	Report Impact	The Solution must have the ability to generate reports without performance impact to user access or system response time.	Mandatory			
613	114 - Non-Functional	125 - Performance	Response Time: Care Delivery	The Solution must provide a response time of one (1) second or less between the user request and The Solution response. A longer response time may be acceptable when requesting large reports, uploading files, document images, and accessing external interfaces.	Mandatory			
492	114 - Non-Functional	125 - Performance	Robust Environment	The Solution must provide the ability to run multiple sessions /environments/applications/areas/views simultaneously. This includes providing sufficient environments and configurations (e.g., multiple environments, multiple application layers, hub architecture) necessary to perform all required functions (e.g., testing, training, production operations, modeling, disaster recovery).	Mandatory			
614	114 - Non-Functional	125 - Performance	Scalable	The Solution must be scalable to meet fluctuating levels of activity. Proposer must describe how this will be met.	Mandatory			
463	114 - Non-Functional	126 - Archival/Retention	Chart Archival	The Solution must have the ability to archive data per the department's required record retention schedules of a minimum of seven (7) years.	Mandatory			
573	114 - Non-Functional	126 - Archival/Retention	Completion Verification	The Solution must monitor the archive process and report the success/failure of the archive.	Mandatory			
574	114 - Non-Functional	126 - Archival/Retention	Delete Archived Chart	The Solution must provide the capability to selectively delete archived records as defined by configurable business rules, per Federal and State law..	Mandatory			
577	114 - Non-Functional	126 - Archival/Retention	ETL/DW Support	The Solution archival system will support de-identified data extraction and prevent archival until extraction has occurred.	Mandatory			

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ID	Category	Sub-Category	Title	Functionality Description	Priority	Proposer Input	Proposer Narrative Response	
575	114 - Non-Functional	126 - Archival/Retention	Retention Verification	The Solution must perform routine (configurable schedule) review of the archived data to verify no loss of archived records and verify the ability to retrieve these records.	Mandatory			
127	114 - Non-Functional	126 - Archival/Retention	Retired Chart Reporting	The Solution must be able to archive patient charts such that the chart is retained but the recorded chart information is not included in active patient reporting, panel management, etc.	Mandatory			
576	114 - Non-Functional	126 - Archival/Retention	Update Archived Chart	The Solution must store archived data in a manner that is retrievable by ODOC for viewing and updating through the application user interface.	Mandatory			
473	114 - Non-Functional	127 - Backup and Recovery	Backup and Retention	The Proposer must be responsible for backup and retention of data.	Mandatory			
461	114 - Non-Functional	127 - Backup and Recovery	Downtime	The Proposer must ensure that Functional Solution downtimes (i.e., unacceptably slow response time) are identified and addressed proactively.	Mandatory			
589	114 - Non-Functional	127 - Backup and Recovery	Incremental and Full Backups	The Solution must be able to perform incremental and full system backups.	Mandatory			
590	114 - Non-Functional	127 - Backup and Recovery	Lossless data recovery	The Solution must restore and maintain data integrity without data loss, regardless of whether the Solution was backed up with users on-line or not.	Mandatory			
591	114 - Non-Functional	127 - Backup and Recovery	Mechanism	The Solution must provide a mechanism that allows the system to backup and recover data.	Mandatory			
460	114 - Non-Functional	127 - Backup and Recovery	Mitigation	The Solution must provide a comprehensive testing and monitoring strategy to prevent and manage Solution downtime events.	Mandatory			
592	114 - Non-Functional	127 - Backup and Recovery	Point in Time	The Solution must have the ability for point in time recovery.	Mandatory			
593	114 - Non-Functional	127 - Backup and Recovery	Reconnect	The Solution must automatically reconnect to resources, services or applications that were temporarily unavailable once the resources, services, or applications become available.	Mandatory			
594	114 - Non-Functional	127 - Backup and Recovery	Restore from Backups	The Solution must be able to restore file(s) from incremental or full system backups.	Mandatory			
456	114 - Non-Functional	128 - Care Delivery Continuity	Communications	The Solution must provide a communication strategy that does not rely on the computing infrastructure during downtime and recovery periods.	Mandatory			
599	114 - Non-Functional	128 - Care Delivery Continuity	Disaster Recovery Plan	The Solution includes a collaboratively developed HIPAA compliant Business Continuity and Disaster Recovery Plan (DRP) that is designed to reduce the impact of a major disruption of key Care Delivery functions and processes in the proposed Solution.	Mandatory			
454	114 - Non-Functional	128 - Care Delivery Continuity	Paper Forms	The Solution must provide availability of paper forms to replace key Solution functions during downtimes.	Mandatory			
457	114 - Non-Functional	128 - Care Delivery Continuity	Policies and Procedures	The Solution must provide written policies and procedures on Solution downtimes and recovery processes ensure continuity of operations with regard to safe patient care and critical business operations.	Mandatory			
458	114 - Non-Functional	128 - Care Delivery Continuity	Read-Only Temp Solution	The Solution user interface of the locally maintained backup, read-only EHR Solution is clearly differentiated from the live/production EHR Solution.	Mandatory			
600	114 - Non-Functional	128 - Care Delivery Continuity	High-Availability	The Solution must allow for redundant data stores and application servers to support business continuity with no data loss.	Mandatory			
455	114 - Non-Functional	128 - Care Delivery Continuity	Training	Proposer must ensure ODOC Staff are trained and tested on downtime and recovery reset procedures.	Mandatory			
584	114 - Non-Functional	129 - Availability	Offline Capability	The Solution must provide an offline Solution capability that makes available read only access to the next 24 hours of planned care delivery on designated computer hardware.	Mandatory			
585	114 - Non-Functional	129 - Availability	Planned Maintenance	Proposer must ensure that Solution planned scheduled maintenance must not exceed two two-hour windows per week from 3:00 AM to 5:00 AM, except as agreed upon by ODOC and Proposer.	Mandatory			
586	114 - Non-Functional	129 - Availability	Uptime 1	The Solution must have 99.9% availability.	Mandatory			
587	114 - Non-Functional	129 - Availability	Uptime 2	The Solution production environment must be accessible 24 hours per day 7 days per week except for approved scheduled downtime as agreed upon by ODOC and Proposer.	Mandatory			
588	114 - Non-Functional	129 - Availability	User Notification	The Solution must notify users when the function they are accessing is unavailable.	Mandatory			
656	114 - Non-Functional	130 - Usability	AIC Language	The Solution must provide the patient with language selection option for all pages displayed to the patient.	Mandatory			
657	114 - Non-Functional	130 - Usability	Dictionary Update	The Solution must allow authorized users to add words to the "dictionary" used by the Solution for the spell check function.	Mandatory			
484	114 - Non-Functional	130 - Usability	Ease of use - Error Messages	The Solution must provide error messages that are meaningful, and can be appropriately acted upon, by the users who are likely to see them.	Mandatory			
483	114 - Non-Functional	130 - Usability	Ease of use - Help	The Solution must provide online help throughout the Solution interface, including context-sensitive help.	Mandatory			
486	114 - Non-Functional	130 - Usability	Ease of use - Intuitive	The Solution must provide end user and administrator functions which are easy to use and intuitive throughout (as may be assessed by a panel of typical users).	Mandatory			
658	114 - Non-Functional	130 - Usability	English	The Solution must display all care delivery pages in English.	Mandatory			
659	114 - Non-Functional	130 - Usability	Form Prepopulation	The Solution must provide the capability to pre-populate fields with selected existing database information as business rules dictate.	Mandatory			
660	114 - Non-Functional	130 - Usability	Look & Feel	The Solution must have browser-based user interfaces with a consistent look and feel and common navigation throughout.	Mandatory			
661	114 - Non-Functional	130 - Usability	Multi-page Results	The Solution must provide pagination when the number of returned search results exceeds the number of records to be displayed per page.	Mandatory			
662	114 - Non-Functional	130 - Usability	New Window	The Solution must open a new window to display a document linked to a patient's record.	Mandatory			

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663	114 - Non-Functional	130 - Usability	Novice User Guidance	The Solution must provide ease of use for novice users by providing a mechanism by which the Solution can guide these users through each step of a process, while enabling power users to access features with little or no support.	Mandatory				
664	114 - Non-Functional	130 - Usability	Query Wizard	The Solution must provide a "wizard" capability for creating ad-hoc queries.	Mandatory				
665	114 - Non-Functional	130 - Usability	Saved Queries and Reports	The Solution must support creation and saving of both pre-defined and ad-hoc queries for authorized users.	Mandatory				
666	114 - Non-Functional	130 - Usability	Scheduled Reports	The Solution must run queries on a scheduled or user designated basis, and present output in a user defined manner for an authorized internal user.	Mandatory				
667	114 - Non-Functional	130 - Usability	Shortcuts	The Solution must provide industry standard keystroke shortcuts to enable navigation, data entry, and context switching.	Mandatory				
668	114 - Non-Functional	130 - Usability	Spell Check	The Solution must spell check all text fields excluding names.	Mandatory				
579	114 - Non-Functional	131 - Auditability	Audit Log Integrity	The Solution must allow access to audit logs as read only. The logs should not be editable under any circumstances regardless of user rights.	Mandatory				
580	114 - Non-Functional	131 - Auditability	Business Rules	The Solution must support an audit trail of business rule changes.	Mandatory				
581	114 - Non-Functional	131 - Auditability	Configuration Changes	The Solution must support an audit trail of configuration table changes.	Mandatory				
582	114 - Non-Functional	131 - Auditability	Log Access	The Solution must use Role Based Access Control (RBAC) to control access to audit logs.	Mandatory				
583	114 - Non-Functional	131 - Auditability	Solution Error Log	The Solution must track Solution errors in an error log.	Mandatory				
595	114 - Non-Functional	132 - Capacity	Concurrent Active Users	The Solution must support 600 active concurrent users	Mandatory				
596	114 - Non-Functional	132 - Capacity	Encounters	The Solution must be capable of handling at least 15,000 encounters per day.	Mandatory				
597	114 - Non-Functional	132 - Capacity	Patient Charts	The Solution must enable at least 55,000 active patient charts. 15,000 base add 30% each year (5,000). Retain minimum 7 years. $15 + (5 * 7) = 50$ Add 10% buffer	Mandatory				
641	114 - Non-Functional	133 - System Operations	Batch & OLTP	The Solution must allow for concurrent batch and on-line transactions while meeting performance requirements.	Mandatory				
642	114 - Non-Functional	133 - System Operations	Batch & OLTP	The Solution must provide the ability to perform multi-processing tasks. (i.e. real time and background processing of large files).	Mandatory				
643	114 - Non-Functional	133 - System Operations	Batch Error-Handling	The Solution must handle errors created through Solution and batch processes, store related errors and user error messages in a location configurable and reviewable per ODOC requirements, and generate alerts for each batch error in a manner determined by ODOC.	Mandatory				
644	114 - Non-Functional	133 - System Operations	Error Instructions	The Solution must provide users with clear communications including specific directions to follow in the event of an error.	Mandatory				
645	114 - Non-Functional	133 - System Operations	Error Log	The Solution must track Solution errors in an error log in a location configurable by ODOC.	Mandatory				
646	114 - Non-Functional	133 - System Operations	Error-Handling	The Solution must employ consistent error-handling routines with clear and concise configurable error messages.	Mandatory				
647	114 - Non-Functional	133 - System Operations	File Format	The Solution must import and export information in widely-used file formats, such as but not limited to .csv, xls, xlsx, xml, .txt, .mdb, .accdb, .dbf, and .ods. The information upload must be allowed by configurable business rules.	Mandatory				
648	114 - Non-Functional	133 - System Operations	File Scan	The Solution must scan all incoming electronic files for viruses and other malware.	Mandatory				
649	114 - Non-Functional	133 - System Operations	Hosted Environment Monitoring	The Solution must provide a user interface that can be utilized by support staff to monitor the online application hosting environment. This includes ability to monitor business processes at run-time as well as capabilities for technical staff to monitor Solution health.	Mandatory				
650	114 - Non-Functional	133 - System Operations	Job Scheduler	The Solution must provide a job scheduler with restart and override capabilities, allowing for job triggers, job requirements, on-line documentation, and multiple schedules to process batch transactions.	Mandatory				
651	114 - Non-Functional	133 - System Operations	Notifications	The Solution must send notification to appropriate support and business personnel when the Solution determines that exceptions have occurred.	Mandatory				
652	114 - Non-Functional	133 - System Operations	OLTP	The Solution must utilize online transaction processing (real time update) except where otherwise agreed to by ODOC.	Mandatory				
653	114 - Non-Functional	133 - System Operations	System Alerts	The Solution must be monitored 24 x 7 by system monitoring software. ODOC must be alerted immediately of system issues or downtime.	Mandatory				
654	114 - Non-Functional	133 - System Operations	System Alerts	The Solution must store and provide notifications of system outages, degradations or other unusual circumstances through multiple communication platforms.	Mandatory				
655	114 - Non-Functional	133 - System Operations	Work Queues	The Solution must support various work queues including error queues to document exceptions from automated processes that did not complete processing due to errors or unavailability of the service.	Mandatory				
558	123 - Document Management	135 - Document Management	Document Management	The Solution must provide the ability to support scanning, faxing, downloading, importing, and exporting of documents.	Mandatory				
223	123 - Document Management	135 - Document Management	Documentation Integration	The Solution must include the capability to incorporate electronic documents into the appropriate place in the medical record, such as correctly placing bloodwork results into the section of the chart devoted to lab values.	Mandatory				
359	16 - Pharmacy	24 - Medication Orders	Restricted Medication Pre-approval Requirements	The Solution must include a pre-approval process for restricted or non-formulary medications, including review/approval by one or more approvers prior to filling a prescription.	Mandatory				
192	16 - Pharmacy	25 - Medication Administration Record	Barcode Medication and Dosage - MAR	The Solution must have the ability to record medication/dosage provided via bar-code (without requiring other documentation or other workflow impeding steps).	Mandatory				
370	16 - Pharmacy	25 - Medication Administration Record	Complex Scenarios - MAR	The Solution must include the capability for administration and documentation of complex medication scenarios to include but not limited to nitroglycerin, steroid tapers, sliding-scale insulin, and PRN medications. The PRN prescription stands for 'pro re nata,' which means that the administration of medication is not scheduled. Instead, the prescription is taken as needed.	Mandatory				

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368	16 - Pharmacy	25 - Medication Administration Record	KOP-to-Nurse Transition - MAR	The Solution must include functionality for a patient to have self-carry medications ordered, commit a rule violation or go into segregation, and have their medications collected and nurse dispensed. The Solution must have the ability to switch a medication order from self-carry administration to nurse dispensed administration without requiring a new order.	Mandatory			
399	16 - Pharmacy	25 - Medication Administration Record	MAR Date Shift	The Solution must include the ability to cascade MAR dates in the event that a scheduled date is skipped. "Push Date" can be configured at the administrative level to complete upon acknowledgment or automatically at ODOC direction. "Push Date" feature also allows for manual adjustments where needed.	Mandatory			
362	16 - Pharmacy	25 - Medication Administration Record	Medication Administration - MAR	The Solution must include electronic documentation of administration of medications to patients. Include capabilities for recording, tracking and auditing medication administration records.	Mandatory			
366	16 - Pharmacy	25 - Medication Administration Record	Off-line Capabilities - MAR	The Solution must include "off-line" capabilities for administration of medication in case of network/internet failure.	Mandatory			
367	16 - Pharmacy	25 - Medication Administration Record	Paper / Printed MAR	The Solution must have the ability to generate a paper/printed Medication Administration Record (MAR) as back-up to the eMAR.	Mandatory			
364	16 - Pharmacy	25 - Medication Administration Record	Renewals and Refills - MAR	The Solution must include capabilities for medication order renewals and/or refills, including alerts that indicate order expiration.	Mandatory			
371	16 - Pharmacy	25 - Medication Administration Record	Vital Sign Assessment - MAR	The Solution must include the ability to record pertinent vital signs that must be assessed prior to administering a medication, e.g., pulse with digoxin, blood glucose with insulin.	Mandatory			
344	16 - Pharmacy	64 - Pharmacy Management	Automated Dispensing	The Solution must have interface with automated dispensing cabinets such as Pyxis.	Mandatory			
339	16 - Pharmacy	64 - Pharmacy Management	Controlled Formulary	The Solution must have the ability to support a controlled formulary.	Mandatory			
343	16 - Pharmacy	64 - Pharmacy Management	Controlled Substance Ordering System	The Solution must support the use of the DEA Control Substance Ordering System (CSOS) and the Prescription Drug Monitoring Program (PDMP).	Mandatory			
351	16 - Pharmacy	64 - Pharmacy Management	CPOE/EMAR Certifications	The Proposer must provide certifications or approvals held by the Proposer for their Solution to manage CPOE/EMAR, with particular emphasis on the Oregon Board of Pharmacy, Oregon drug registries and any pertinent Federal requirements.	Mandatory			
349	16 - Pharmacy	64 - Pharmacy Management	FDA Pharmacy Requirements	The Solution must support the use of TALL Man lettering as defined by the FDA.	Mandatory			
350	16 - Pharmacy	64 - Pharmacy Management	Pharmacy Interface	The Solution must have the capability to electronically transmit medication orders, including controlled substances, directly to designated pharmacy computerized provider order entry (CPOE) via interface.	Mandatory			
239	17 - Physical/Medical	32 - Infirmary Management	Infirmary Bed Management	The Solution must include the ability to manage infirmary or in-patient beds.	Mandatory			
241	17 - Physical/Medical	32 - Infirmary Management	Infirmary Graphical Displays	The Solution must include graphical displays of rooms and bed set-ups. Common information used to manage a unit is displayed logically within the diagram and in proximity to the associated bed, such as anticipated discharge date, attending provider, etc.	Mandatory			
354	17 - Physical/Medical	43 - Orders	Automated Order Termination Scheduling	The Solution must have the ability to automatically discontinue orders on a specified date.	Mandatory			
360	17 - Physical/Medical	43 - Orders	Complex Medication Scenario Ordering	The Solution must have functionality for ordering complex medication scenarios to include but not limited to nitroglycerin, steroid tapers, sliding-scale insulin, and PRN medications.	Mandatory			
384	17 - Physical/Medical	43 - Orders	Consults	The Solution must have the ability to receive, document, and transmit requests for consult from one clinical user or clinical group to another.	Mandatory			
298	17 - Physical/Medical	43 - Orders	Diagnosis Codes for Orders	The Solution must have the ability for associating a diagnosis code with any order.	Mandatory			
295	17 - Physical/Medical	43 - Orders	Order Sets/Cascading Functionality	The Solution must include the ability for providers to use / generate order sets to streamline the order entry process.	Mandatory			
297	17 - Physical/Medical	43 - Orders	Prior Authorization	The Solution must include the ability for managing internal approval processes for specialty care, non-formulary medications, surgeries, or diagnostic procedures.	Mandatory			
294	17 - Physical/Medical	43 - Orders	Provider Order Entry System	The Solution must include a provider order entry system that includes order routing from entry by a provider to execution of the order. The Solution's order entry functionality must also include medications, diet orders, lab tests, x-ray, orders to nursing, referrals to other providers and requests for utilization review.	Mandatory			
404	17 - Physical/Medical	43 - Orders	Standing Orders	The Solution must include the ability to set and manage standing orders that a non-authorized provider can act upon once all set criteria are met.	Mandatory			
540	17 - Physical/Medical	47 - Post-encounter Materials	AVS Smart Functionality	The Solution must include functionality for Users to insert additional info, including meds, labs, print reports, etc., into an after-visit summary. Inserted content is dynamic with changes in the chart. Default for last value taken.	Mandatory			
333	17 - Physical/Medical	47 - Post-encounter Materials	Care Plan / Education Link	The Solution must have the ability to link patient education to patient care plans.	Mandatory			
59	17 - Physical/Medical	47 - Post-encounter Materials	Educational Videos	The Solution must have the ability to integrate educational videos for prophylactic care and proposed Treatment Plan.	Mandatory			
332	17 - Physical/Medical	47 - Post-encounter Materials	Patient Education Language Support	The Solution must include language alternatives to English for education materials.	Mandatory			
331	17 - Physical/Medical	47 - Post-encounter Materials	Patient Education Material Creation	The Solution must have the ability to create, review or edit patient education materials.	Mandatory			
330	17 - Physical/Medical	47 - Post-encounter Materials	Patient Education Storage and Distribution	The Solution must be able to assist in providing patient education, including storing and printing appropriate material for medications, immunizations, medical or behavioral health conditions, oral hygiene, discharge planning, etc.	Mandatory			
334	17 - Physical/Medical	47 - Post-encounter Materials	Standard Educational Materials	The Solution must include existing / standard education materials.	Mandatory			

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249	17 - Physical/Medical	63 - Discharge/Release	Automated Discharge Process	The Solution must include functionality for automating the discharge process via interface with an offender management system.	Mandatory			
248	17 - Physical/Medical	63 - Discharge/Release	Discharge Process	The Solutions must include the ability to discharge patients from the EHR. The Solution must have the capability for discharge planning, including generation of referrals and alerts to staff who need to complete steps in the discharge planning process.	Mandatory			
251	17 - Physical/Medical	63 - Discharge/Release	Discharge Summaries	The Solution must include the ability to generate discharge summaries that may be provided to the patient or to other jurisdictions and health care providers.	Mandatory			