Schedule C.3

Statement of Work

Yukon eHealth iEHR

LIS Connect Drug Information Solution Client Registry

Phase 2

March 2017

Document Owners

Name	Organization	Project Role
Stewart Ingram	Yukon HSS	eHealth Project Director
Birgitte Hunter	Yukon HSS	eHealth Executive Sponsor
James Orobko	Yukon HSS	eHealth Consultant and Primary Author

Version History

Version	Date	Name	Changes Made
V1	May 15, 2015	James Orobko	Initial version

Sign-off

The signatures below indicate that the appropriate parties are in agreement with the contents of this statement of work

Name	Title	Approved (Y/N)	Date
Birgitte Hunter	ADM Corporate Services, Yukon, Health		
	and Social Services		
Stewart Ingram	eHealth Project Director		
Jim Mickelson	Executive Regional Director, Infoway		

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1.0 Deliverable Review and Approval Process

The sponsor (Yukon Government, Health and Social Services) will provide the deliverable to Infoway for review and acceptance. The deliverable will be reviewed by the responsible Infoway role as indicate in this document. Infoway will review the deliverable and will either:

- 1. Working collaboratively with the Yukon project team, request that the Yukon make changes to the deliverable; or
- 2. If the deliverable is acceptable, recommend approval of the deliverable.

So as to manage the review and approval process effectively, it is agreed that it is to the mutual benefit of both parties to hold iterative review cycles of draft deliverables during the lifecycle of the project prior to presenting a particular final version of a deliverable to Infoway for final review and approval.

2.0 Phase 2– eHealth iEHR Global Project Management Deliverables

This section outlines the	project management of	deliverables that will be	produced as part of Phase 2.
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ID	Deliverable	Description	
YK-019	Quarterly Review and Reporting	Establish Yukon eHealth iEHR Program control functions and provide eHealth Project management services covering the design, build, testing and deployment activities for the eHealth iEHR Program and related services, including but not limited to: iEHR Project status and review meetings, eHealth iEHR Project status reports, action items and issues lists.	
		 meetings Regular Project S plans, issues reg critical path and p The updates will components of the second sec	consist of: esignated eHealth Program staff at quarterly review Status Reports including budget updates, risk ister, current master project plan focusing on the progress against milestones. provide not only a view to the individual he eHealth project but also a view to the cross bendencies of the eHealth iEHR Program
Responsible		1	
eHealth Proje			
Acceptance	Criteria/Process D	escription:	
 Quarterly Project s - -	 Project status reports will be delivered as follows 		
Review, Info Project Mana			Sign-off, Infoway: Executive Regional Director
Change and Regional Dire	Evaluation Specialis ector of Architecture	t	Sign-off, Sponsor: ADM Corporate Services, HSS
Review, Spo eHealth Proje			

ID	Deliverable	Description			
YK-020	LIS Connect Business Case and Charter	 Sponsor signed-off Business Case consisting of: Lab Business Case (Joint Yukon-PHSA (Provincial Health Services Authority) Information Management Information Technology Services Project Quality and Transformation Office Referred Laboratory Business Case.) Yukon-PHSA Joint Referred Laboratory Project Charter 			
	Responsible: eHealth Project Director				
Acceptance (Criteria/Process D	escription:			
Review and A	cceptance:				
Per description	n above				
	ger Evaluation Specialis ctor of Architecture		Sign-off, Infoway: Executive Regional Director Sign-off, Sponsor: ADM Corporate Services, HSS		
ID	Deliverable	Description			
YK-021	Global iEHR Program Charter	Description Yukon will complete a Global iEHR Program Charter outlining the current global project solution, approach, deliverables, timelines and governance. The global program charter will encompass the entire end-to-end solution within the scope of the project. This deliverable will cover Laboratory Information System Connect (LISC), DIS and CR components. The Global Program Charter will include: • Master Project Plan of the solution that: - Contains individual component plans for various roles. - Guides the project completion as per the functional specification. • Master Project Work Breakdown Schedule (WBS) which will: - Integrate all other schedules along with release dates. - Creates awareness about project priorities. • Risk Management Plan document which will: - Identifies the potential risks and mitigation strategies.			
		 Guides the specificati Master Project W Integrate a Creates a Risk Management 	e project completion as per the functional on. ork Breakdown Schedule (WBS) which will: all other schedules along with release dates. wareness about project priorities. It Plan document which will:		
Responsible eHealth Proje	ect Director	 Guides the specificati Master Project W Integrate a Creates a Risk Managemen Identifies to 	e project completion as per the functional on. ork Breakdown Schedule (WBS) which will: all other schedules along with release dates. wareness about project priorities. It Plan document which will:		
eHealth Proje		 Guides the specificati Master Project W Integrate a Creates a Risk Managemen Identifies to 	e project completion as per the functional on. ork Breakdown Schedule (WBS) which will: all other schedules along with release dates. wareness about project priorities. It Plan document which will:		
eHealth Proje	ect Director Criteria/Process I	 Guides the specificati Master Project W Integrate a Creates a Risk Managemen Identifies to 	e project completion as per the functional on. ork Breakdown Schedule (WBS) which will: all other schedules along with release dates. wareness about project priorities. It Plan document which will:		
eHealth Proje Acceptance Review and A	ect Director Criteria/Process I Acceptance:	 Guides the specificati Master Project W Integrate a Creates a Risk Managemen Identifies f Description: 	e project completion as per the functional on. ork Breakdown Schedule (WBS) which will: all other schedules along with release dates. wareness about project priorities. It Plan document which will:		

Review, Infoway: Project Manager Change and Evaluation Specialist Regional Director, Architecture Review, Sponsor: eHealth Project Director		list	Sign-off, Infoway: Executive Regional Director Sign-off, Sponsor: ADM Corporate Services, HSS
ID	Deliverable	Description	
YK-022	Solution Architecture	 overall architecture design and delivery components – LISC interoperate to prov deliverable will at m 1. Business C solved. 2. Preferred S solved at a custom, cor 3. High Level 4. High Level 5. High Level 6. Target Stat architecture 1. Sys 2. Pla 3. Arc 4. Arc 7. Summary C target state 8. Stakeholde the detailed responsibili 1. Org 2. Clir 3. Teo 9. Privacy and 1. Pro Del me 2. Pro 	te Architecture - Describe the determined target state e. Relevant sections should include: stem Context tform Architecture shitecture Risks shitecture Constraints of any proof of concept test results (if any) to test architecture assumptions ers - List the project's technical resources to complete I design of the Yukon IEHR solution. Include roles, ties and contact information as follows: ganizations (include jurisdictional and vendor)

Responsible:	Responsible:				
	eHealth Project Director				
Acceptance C	Acceptance Criteria/Process Description:				
Review and A	Review and Acceptance:				
Receipt of Sol	Receipt of Solution Architecture satisfying criteria per descriptions above.				
Review, Infoway:Sign-off, Infoway:Regional Director, ArchitectureExecutive Regional Director					
Review, Spon eHealth Project			Sign-off, Sponsor: ADM Corporate Services, HSS		
ID	Deliverable	Description			
YK-023	Change Management Strategy	eHealth Program Change Management Strategy outlining the change ment management approach, deliverables, timelines and governance.			
Responsible: eHealth Project					
Acceptance C	Criteria/Process I	Description:			
Review and Acceptance:					
Receipt of Change Management Strategy satisfying criteria per descriptions above					
Review, Infoway: Sign-off, Infoway: Project Manager Executive Regional Director Change and Evaluation Specialist Sign-off, Sponsor:					
Review, Spon eHealth Project			ADM Corporate Services, HSS		

ID	Deliverable	Description		
U	Deliverable	Description		
YK-024	Change Management Plan	Outline the change management requirements and the benefits evaluation framework and requirements to ensure the stakeholders and users are actively involved to facilitate a successful adoption of the new system and incorporation of evaluation findings.		
Responsible: eHealth Project				
Acceptance 0	Criteria/Process I	Description:		
Review and A	cceptance:			
Receipt of The	e Change Manag	e ment Plan satisfying	g criteria per descriptions above	
Review, Infov	vay:		Sign-off, Infoway:	
Project Manag			Executive Regional Director	
Change and E	valuation		Sign off Changer	
Review, Spor	sor.		Sign-off, Sponsor: ADM Corporate Services, HSS	
eHealth Project			Abili corporate cervices, rice	
ID	Deliverable	Description		
YK-025	Stakeholder Reporting	Stakeholder reports, focusing on clinicians, outlining the various stakeholders' engagement meetings and outcomes.		
		Reports to delineate audience.	e stakeholder engagements, meetings held and target	
Responsible: eHealth Project	ct Director			
Acceptance C	Criteria/Process I	Description:		
Review and A	cceptance:			
	A mutually agreed quarterly compilation of reports, meetings, newsletters, etc., that demonstrates Stakeholder engagements with targeted audiences.			
Infoway may r	Infoway may request identified, dates agendas, meetings content, minutes, presentation material etc.			
Review, Infov	vay:		Sign-off, Infoway:	
Project Manag	jer		Executive Regional Director	
Change and E	valuation Special	ist		
Davisor Or			Sign-off, Sponsor:	
	Review, Sponsor: Health Project Director		ADM Corporate Services, HSS	

Review, Sponsor: eHealth Project Director

3.0 Phase 2 – Implementation Deliverables

This section outlines the implementation deliverables that will be produced as part of Phase 2

)	Deliverable	Description
YK-026	Solution Design & Build	 This deliverable will describe to stakeholders <u>what was implemented</u> in terms of the overall architecture of the Yukon IEHR solution. Specifically, this deliverable will detail how each component and other applications interact with each other to satisfy the overall goals and objectives of the Yukon IEHR Business Architecture. In addition, this deliverable will also provide the requisite solution detail to inform the post go-live operational support of the solution. It covers all in-scope components, that is, LISC, DIS and CR (the Yukon IEHR solution.) The Solution Design & Build deliverable will at minimum include the following content: Solution Design Overview Systems Context
		 Detailed Application Architecture Guiding Principles Business components and applications Service and Process Model Value Proposition, Capabilities & Requirements Business Objectives Detailed functional Requirements Detailed non-functional Requirements Detailed Use Cases for CR, DIS, and Lab including interactions between CR, DIS, Lab (including ancillary systems such as EMR, Community Pharmacies, etc. pertinent to the solution.)
		 Technical Architecture System Performance Disaster Recovery Platform Network Security Reliability Availability Maintainability
		 Data Architecture Normalization Volume Redundancy Accessibility Performance Distribution Quality System Owner Organizational Structure Operational support Service Level Agreements Detailed Pan-Canadian Standards Assessment

Responsible: eHealth Technical Architecture Working Group Chair Acceptance Criteria/Process Description: Review and Acceptance: Receipt of Solution Design & Build satisfying criteria per descriptions above. Review, Infoway: Regional Director, Architecture Review, Sponsor:				
eHealth Tech Chair	eHealth Technical Architecture Working Group Chair		ADM Corporate Services, HSS	
ID	Deliverable	Description		
YK-027	YK-027 iEHR Training Plan This deliverable will define the Training Plan required for all aspects of the Yukon IEHR solution. Training will include all staff identified in stakeholder list as appropriate. It covers all in-scope components, that is, LISC, DIS and CR (the solution)			
Responsible eHealth Proje	ct Director			
Acceptance	Criteria/Process De	scription:		
Review and A	cceptance:			
Receipt of the IEHR Training Plan satisfying criteria per descriptions above.				
Review, Infoway: Sign-off, Infoway: Project Manager Executive Regional Director Change and Evaluation Specialist Sign-off, Sponsor:				
	Review, Sponsor: ADM Corporate Services, HSS eHealth Project Director ADM Corporate Services, HSS			

ID	Milestone	Description		
YK-028	Privacy and Security	documentation has been complete personal information and/or person of the Project. The milestone will I documentation has been reviewed staff. Acceptance criteria for each of the Privacy and Security milestone ar Deliverables YK-028-1 thru YK-02 documentation may be required a	eptance criteria for each of the specific deliverables comprising the acy and Security milestone are listed below and are described in verables YK-028-1 thru YK-028-4. Additional privacy and security umentation may be required and may be included as part of the stone, with agreed-upon Acceptance criteria to be determined by	
	ecurity Working Gro	oup Chair and Technical Architectu	-	
 Acceptance Criteria: The Logical PIA should address a Project and meet all the acceptance 028-01. The Logical STRA should address Project and meet all acceptance c 02. The Privacy Security Architecture components of the Project and me as listed in YK 028-3. The PIA Letter of Confirmation sho components of the Project and me as listed YK 028-04. Deliverables YK 028-1, YK 028-2, will address the Yukon IEHR Solur including all components of the pro- Deliverables YK 028-1, YK 028-2, will build upon previous jurisdictior under previous Infoway or sponso 		Acceptance criteria as listed in YK- I address all components of the ptance criteria as listed in YK-028 intecture should address all et and meet all acceptance criteria nation should address all et and meet all acceptance criteria K 028-2, YK 028-3 and YK 028-4 HR Solution collectively, that is, of the project – LISC, DIS, CR. K 028-2, YK 028-3 and YK 028-4 urisdictional artifacts developed	Review, Sponsor:	
ID	Deliverable	Description		
YK-028-1	 K-028-1 Logical Privacy Impact Assessment This deliverable comprises part of the eHealth Program F and Security milestone YK-028. The Logical Privacy Impact Assessment (PIA) is undertal the Sponsor with respect to the Project and will be docun in a Logical PIA Report. 		K-028. Inct Assessment (PIA) is undertaken by	

	The Logical PIA will be based of Architecture which must incorp Architecture components.	on the referenced Logical orate Privacy & Security (P&S)
	o 1	ly with the statutory and project Sponsor and in force at the time as relevant P&S policies, ell as P&S requirements
Responsible:		
Privacy and Security Working Group Cha Acceptance Criteria:	Ir	Review, Infoway
Acceptance Chiena.		Review, intoway
Delivery of a Logical PIA report which ad Project that involve personal information	-	Project Manager
information and meets the jurisdiction's report will be reviewed by Infoway against	equirements for PIA's. The PIA st the most recent version of	Regional Director of Architecture
the Infoway PIA Deliverable Review Guid	lelines.	Review, Sponsor:
The PIA Report will include but n O A description of authoritie	es for the system as per	Privacy and Security Working Group Chair
 legislation or other source A description of informate dataflow analysis agains 	ion involved in the system and	Sign-off, Sponsor:
 A description of risks des mitigation 		ADM Corporate Services, HSS
 Demonstration that the F individuals possessing n 	ecessary privacy, legal, change management and other	Sign-off, Infoway: Executive Regional Director
results of previously und Risk Assessments (TRA applicable, PIAs and TR	As for third party and pre- build be included or referenced. Project conforms to the	
Technology P&S best pr o Signoff by responsible pr	arties	
 This deliverable will address the collectively, that is, including all o Lab, DIS, CR. 		
 This deliverable will build upon p developed under previous Infowa 	-	
	continued	

 NOTE: Reimbursement by Infoway is dependent on Infoway's acceptance of the PIA report as per these criteria. Acceptance by Infoway does not in any way constitute endorsement, approval or verification of the PIA. The Project Sponsor remains fully responsible for ensuring that the Privacy Impact Assessment and report, and the personal information practices associated with the Project (when implemented) fully comply with all Applicable Requirements, other requirements under the applicable Sponsor Agreement, and, otherwise appropriately addressing any privacy issues that may be associated with the Project. 			
ID	Deliverable	Description	
YK-028-2 Responsibl	Logical Security Threat and Risk Assessment	must comply with the statu Sponsor and in force at the Furthermore, the deliverab project policies, standards,	ent (STRA) is undertaken by the the STRA deliverable. The on the Solution Architecture and
-	chitecture Working Grou	p Chair	

Acceptance Criteria:	Review, Infoway
This deliverable will be deemed complete upon:	Project Manager Regional Director of Architecture
 Delivery of a STRA Report/Document which includes acceptance of threat and risk assessment as set out in the deliverable description. Confirmation that the STRA Report conforms to the deliverable description. Signoff by responsible parties 	Review, Sponsor: Technical Architecture Working Group Chair Sign-off, Sponsor: ADM Corporate Services, HSS
	Sign-off, Infoway: Executive Regional Director

ID	Deliverable	Description	
ID YK-028-3	Deliverable Logical Privacy & Security Architecture	the sensitive assets, including but not lin P&S architectural components and inter should address the required and recom	a (P&S) Architecture can al IT or solution arate document provided ecture will be at the same e. .ogical P&S Architecture, cies, standards, or or an Applicable Authority onents of the project re and management of Health Information (PHI), pre-existing components, s which would have a .g. end user workstations, of custody and control of nent existing or planned acility) which would be y, integrity or availability of mited to PI and PHI. The roperable P&S services mended controls as may
		required to safeguard the confidentiality, integrity or the sensitive assets, including but not limited to PI a P&S architectural components and interoperable P& should address the required and recommended con be identified in Risk Management decisions, Privacy Assessments (PIA) and Threat Risk Assessments (
		equivalent). Applicable Requirements should include information technology P&S best practic Applicable Requirements may also inclu Security Requirements, or control objec 27001/27002, CSA's Privacy Principles, Accepted Privacy Principles, etc., as rec	ces of the jurisdiction. ude Infoway's Privacy and tives from ISO , CICA's Generally
Responsible:			
Technical Arch	nitecture Privacy and Sec	urity Working Group Chair	
Acceptance C	-		Review, Infoway
Confirmation that the Logical P&S Architecture: Project Manage		Project Manager	
 Fulfills the content requirements as set out in the deliverable description Regional Director Architecture 		Regional Director of	

listed above

Architecture

compone Significal Architect demonst as identifi and the F This deliv including This deliv under pro Signoff b NOTE: Reimbur work pro	 as identified in Risk Management decisions, PIAs and TRAs (or equivalent) and the P&S architectural components and interoperable P&S services This deliverable will address the Yukon IEHR Solution collectively, that is, including all components of the project – LISC, DIS, CR. This deliverable will build upon previous jurisdictional artifacts developed under previous Infoway or sponsor initiatives Signoff by responsible parties NOTE: Reimbursement by Infoway is dependent on Infoway's acceptance of the work products as per the criteria listed. Signoff Director 		
ID	Deliverable	Description	
YK-028-4	Logical Privacy Impact Assessment (PIA) Confirmation Letter	Description This deliverable comprises part of the eHealth Program Privacy and Security milestone YK-028. The Logical PIA Confirmation Letter is written by the Sponsor with respect to The Project confirming that the Sponsor has: • Undertaken the internal assessments and reviews necessary to ensure the accuracy of the Logical PIA Report. • Implemented a risk mitigation plan to treat (accept, transfer, mitigate or otherwise deal with) identified P&S risks raised during the Logical PIA and other due diligence exercises. • Communicated the results of the Logical PIA to all appropriate parties.	
Responsible)):	appropriate parties.	

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Acceptance Criteria:	Review, Infoway
Delivery of the Logical PIA Confirmation Letter which:	Project Manager
 Conforms to the format and content requirements as set out in the deliverable description listed above. 	Regional Director of Architecture
 Is issued on the Sponsor's letterhead and signed by the Sponsor. 	Review, Sponsor:
continued	Privacy and Security Working Group Chair
 Is dated. References the latest version(s) of the Logical PIA Report and other due diligence or Risk Management documents. 	Sign-off, Sponsor:
 This deliverable will address the Yukon IEHR Solution collectively, that is, including all components of the project – 	ADM Corporate Services, HSS
LISC, DIS, CR.This deliverable will build upon previous jurisdictional artifacts	Sign-off, Infoway:
developed under previous Infoway or sponsor initiativesSignoff by responsible parties	Executive Regional Director
NOTE:	
 Reimbursement by Infoway is dependent on Infoway's acceptance of the work products as per the criteria listed. 	
 Acceptance by Infoway does not in any way constitute endorsement, approval or verification of the deliverable. The 	
Project Sponsor remains fully responsible for ensuring that the Privacy Impact Assessment and report, and the personal	
information practices associated with the Project (when implemented) fully comply with all Applicable Requirements,	
other requirements under the applicable Sponsor Agreement, and, otherwise appropriately addressing any privacy issues that	
may be associated with the Project.	

ID	Deliverable	Description		
YK-029	Test Strategy and Results (test system)	This deliverable will cover the Yukon IEHR Solution - LISC, DIS and CR components.		
		Strategy and plans for testing the stages of development and compliance. This includes specifying responsibilities, tools and procedures to be used for the following test cycles and processes, as applicable:		
		UATIntegration Testing		
	Responsible: eHealth Domain Project Leads &/or eHealth Director			
Acceptanc	Acceptance Criteria			
Review and	Review and Acceptance:			
	This deliverable will be deemed complete upon receipt of the completed test strategy and plan Test Strategy and Results (test system) documentation as described above.			
Review, In	Review, Infoway: Sign-off, Infoway:			
Project Mar	Project Manager Executive Regional Director			
Regional Di	Regional Director of Architecture Sign-off, Sponsor:			
	Review, Sponsor: Health Domain Project Leads &/or eHealth			

ID	Deliverable	Description		
YK-030	Production Integration Between DIS and CR	The DIS is integrated with the CR including CR production integration between DIS and CR, Community pharmacy integration, and DIS Viewer deployment with in-context with Meditech, GoldCare, and Plexia.		
	Responsible: eHealth Project Director			
Acceptan	Acceptance Criteria			
1		hat client demographic and identity information is being exchanged		
Review, I	Review, Infoway: Sign-off, Infoway:			
Project Ma	Project Manager Executive Regional Director			
Review, S	Sponsor:	Sign-off, Sponsor:		
	roject Director	ADM Corporate Services, HSS		

4.0 Phase 2 – Adoption Deliverables

This section outlines the adoption deliverables that will be produced as part of Phase 2

ID	Deliverable	Description			
YK-031	LIS Connect Change Management Activities	Activities such as: • Stak	provide the documented Change Management eholder Engagement ning Materials ning		
	oject Director				
Acceptant	ce Criteria/Process	Description:			
Review an	d Acceptance:				
Documenta	ation to substantiate	stakeholder engagem	ent, training materials and training.		
-	nager Evaluation Specialis	t	Sign-off, Infoway: Executive Regional Director Sign-off, Sponsor:		
Review, S eHealth Pr	ponsor: oject Director		ADM Corporate Services, HSS		
ID	Deliverable	Description			
YK-032	DIS Change Management Activities	This deliverable will provide the documented Change Management Activities such as: • Stakeholder Engagement • Training Materials			
		Training Materials Training			
	Responsible: eHealth Project Director				
Acceptan	ce Criteria/Process	Description:			
Review an	Review and Acceptance:				
Documenta	ation to substantiate	stakeholder engagem	ent, training materials and training.		
	Review, Infoway: Sign-off, Infoway:				
	Project Manager Executive Regional Director Change & Evaluation Specialist				
	Review, Sponsor: Sign-off, Sponsor: ADM Corporate Services, HSS				

ID	Milestone [Description		
YK-033		The Client Registry, Lab, Drug Information System are installed the final production environment.		
Responsible: eHealth Project				
Acceptance C Certification Yukon will prov	riteria vide a letter certifying F	Production installation		
Review, Infow Project Manag Review, Spon	/ay: er	Sign-off, Infoway: Executive Regional Director Sign-off, Sponsor:		
eHealth Project		ADM Corporate Services, HSS		
ID	Deliverable	Description		
YK-033-1 Responsible eHealth Project		The Client Registry is installed in the final production environment		
Acceptance Certification		Production installation		
Review, Infow Project Manag	/ay:	Sign-off, Infoway: Executive Regional Director		
Review, Spon eHealth Project	sor: ct Director	Sign-off, Sponsor: ADM Corporate Services, HSS		
ID	Deliverable	Description		
YK-033-2	Sponsor Validation of LISC Functionality in Production Sign- off	The LISC functionality as described in deliverable YK-20 <i>LIS</i> <i>Connect Business Case and Charter</i> and YK-034-1-1 <i>Yukon</i> <i>and PHSA Electronically Exchanging Referred Laboratory</i> <i>Orders and Results</i> is installed in the final production environment.		
Responsible: eHealth Projec				
Acceptance C	riteria			
Certification Yukon will prov	vide a letter certifying F	Production installation		