



Snohomish County

Upgrade v9 – Oracle to SQL Migration

Change Order CO-001

Title

Schedule Re-baseline and Milestone Payment Date Changes. Also, Remove T&M Reference in SOW.

Background and Justification

1. The purpose of this Change Order is to amend the Statement of Work to reflect updated schedule and milestone payment dates for the implementation of the Upgrade v9 / New Feature Implementation & Oracle to SQL Migration. The schedule is now finalized and agreed to, and these new dates are representative of the planning.
2. In addition, this Change Order is to remove the T&M reference from SOW: section 6.5.5 "Phase 4 – Oracle to SQL Server conversion", on page 38.

*All changes in this Change Order are Non-monetary.

This Change Order and Amendment is made by and between Cayenta, a Division of N. Harris Computer Corporation and Snohomish County and the Statement of Work made effective as of October 1, 2021.

Contact & General Information

	Snohomish County	Cayenta
Contact	Ken Klein	Tracey Whitmore
Email	kenneth.klein@co.snohomish.wa.us	twhitmore@harriscomputer.com
Date		
Product	Cayenta ERP	



Description of Change Request

1. This Change Order will re-baseline the project schedule per the planning that has occurred between Cayenta and Snohomish County. This Change Order will also update the projected invoice dates for the payment milestones on the project.
2. This Change Order will remove the T&M reference from SOW: section 6.5.5 "Phase 4 – Oracle to SQL Server conversion", on page 38.

From:

This phase focuses on the conversion of the database from Oracle to SQL Server. This phase will overlap with multiple other phases throughout the project. This phase includes the planning, preparation, design, and execution of the data conversions to take COUNTY from the Oracle to SQL Server database platform. Using a set of pre-created scripts used for these types of database platform migrations, HARRIS will ensure the accuracy and validity of the data conversion by going through a series of planned conversions, aimed at ensuring the Go-Live conversion occurs issue free. HARRIS will execute six (6) conversions in the scope of this project, each conversion ensuring that any issues discovered from the previous conversion(s) are addressed. **In addition to the fixed price for the conversion(s), 80 T&M hours have been allocated for Updates required to portals, custom database objects, interfaces and reports AND 100 T&M hours application testing assistance related to the Oracle to SQL Server conversion related incidents.**

To:

This phase focuses on the conversion of the database from Oracle to SQL Server. This phase will overlap with multiple other phases throughout the project. This phase includes the planning, preparation, design, and execution of the data conversions to take COUNTY from the Oracle to SQL Server database platform. Using a set of pre-created scripts used for these types of database platform migrations, HARRIS will ensure the accuracy and validity of the data conversion by going through a series of planned conversions, aimed at ensuring the Go-Live conversion occurs issue free. HARRIS will execute six (6) conversions in the scope of this project, each conversion ensuring that any issues discovered from the previous conversion(s) are addressed.



Payment Milestones

The table below provides a description of the project milestone with the new re-baseline date.

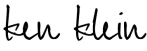
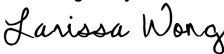
Payment ID	Payment Milestone Description	Projected Invoice Date
MP08	Budget Prep Delivery - Milestone Payment - MP08 (See CO-002)	08/31/23
MP13 B	Integrated Testing Support - Cycle 1 - Milestone Payment - MP13 B	06/16/23
MP11	Data Conversion 3 (Integrated Testing Cycle 2) - Milestone Payment - MP11	06/22/23
MP14	Integrated Testing Support - Cycle 2 - Milestone Payment - MP14	07/31/23
MP12	Data Conversion 4 (Mock Go Live) - Milestone Payment - MP12	08/04/23
MP16	Mock Go-live - Milestone Payment - MP16	08/07/23
MP15	Daily Operations Testing Support - Milestone Payment - MP15	08/31/23
MP17	Go Live Planning & Preparation Completed - Milestone Payment - MP17	09/08/23
MP18	Go-live Completed - Milestone Payment - MP18	09/18/23
MP19	Post Go Live Support - Month 1 - Milestone Payment - MP19	10/16/23
MP20	Post Go Live Support - Month 2 - Milestone Payment - MP20	11/13/23
MP21	Post Go Live Support - Month 3 - Milestone Payment - MP21	12/11/23
MP22A-CO5	SNO-INT4 - Point and Pay Balances Interface: Delivery for Testing	June 5th
MP22B-CO5	SNO-INT10 - Job Cost into Highline Interface: Delivery for Testing	July 31st
MP22C-CO5	SNO-INT16 - Cartegraph Cost Centers Interface: Delivery for Testing	July 1st
MP22D-CO5	SNO-INT17 - Amanda Billing Customer Information Interface: Delivery for Testing	June 5th
MP22E-CO5	PO_FORM: Delivery for Testing	June 9th
MP22F-CO5	SNOCO_BVA: Delivery for Testing	July 31st
MP22G-CO5	SNOCO_PROJ_DETAIL: Delivery for Testing	July 1st
MP22H-CO5	SNOCO_PAID_INVOICE: Delivery for Testing	July 1st
MP22I-CO5	Cognos: Operational Framework Models Install (Accounts Payable): Delivery for Testing	June 9th
MP22J-CO5	Cognos: Operational Framework Models Install (Job Costing): Delivery for Testing	June 9th
MP22K-CO5	Cognos: JC Custom Mods: Delivery for Testing	July 1st



Budget	No impact
Resources	No impact
Payment Milestones	No changes to amounts; Projected invoice dates per table above
Schedule	Re-baseline schedule as per Appendix A



Approval

0	\$0	\$0
Chargeable Hours	Rate	Amount
DocuSigned by:  6E0F0A32708F490...		6/16/2023
Client Signature		Date
Ken Klein <i>Project Sponsor</i> DocuSigned by:  EB5BE63DBD17432...		6/16/2023
Cayenta Signature		Date
Larissa Wong <i>Vice President Professional Services</i>		

Monetary change orders will be executed with the return of the signed change order. The remaining fees shall be invoiced after delivery of goods and services and due thirty (30) days from the date of invoice.

Any applicable travel and lodging expenses shall be billed monthly as the work is performed and due thirty (30) days from the date of invoice.

Your signature serves as an acceptance of the "Amount" listed above as it relates to the description of work contained in this Change Order. Your signature also indicates you have reviewed and agree to the scope of work as detailed in any accompanying enclosures or attachments. This signed document indicates that you have provided all of the accurate information necessary to produce the work as stated in the above Change Order.

Internal Use Only

Customer # _____ Application # _____ Originated by # _____ PO# 0000000



Appendix A: Baseline Schedule

The below schedule will serve as the Re-baseline schedule which all parties will work towards. Delays or changes to this schedule will be addressed through the Change Control Process as defined in the statement of work.

Task Name	Duration	Start Date	End Date
Contract Signing	0	10-01-21	10-01-21
Project Leadership	346d	05-02-22	09-29-23
Project Initiation	56d	10-01-21	12-24-21
Environment Setup	36d	03-15-22	05-04-22
Pre-Configuration	153d	11-12-21	06-30-22
Data Conversion 1 (use for BPT)	5d	07-05-22	07-11-22
Business Process Testing (using CONV0 data)	107d	06-20-22	11-22-22
Custom Development (CO-005 - 750h) and (CO-006 - Additional)	264d	06-13-22	07-17-23
Integrated Testing	183.5d	10-24-22	07-31-23
Environment freeze on CAYPROD9	0	07-31-23	07-31-23
Data Conversion 4 (use for Mock Go-live & Daily Ops)	4d	07-31-23	08-04-23
MGL Planning	5.5d	07-17-23	07-24-23
Mock Go-live (MGL) (use Conv4 data)	2d	08-03-23	08-07-23
MGL Lessons Learned	5d	08-04-23	08-11-23
Daily Operations (use Conv4 data)	18d	08-07-23	08-31-23
End User Training	15d	08-17-23	09-08-23
End User Training Completed	0	09-08-23	09-08-23
Go Live - Planning & Preparation	15d	08-17-23	09-08-23
Go Live	5.5d	09-11-23	09-18-23
Post Go Live Support Month -1	20d	09-19-23	10-16-23
Post Go-live Support Month -2	20d	10-17-23	11-13-23
Post Go-live Support Month -3	20d	11-14-23	12-11-23
Project Close	35d	10-24-23	12-11-23
License Fees + Acucobol Migration Fee - Milestone Payment - LICENSE-01	0	10-01-21	10-01-21
Annual Subscription fees - Milestone Payment - SUBS-01	0	10-01-21	10-01-21
Project Initiation Completed - Milestone Payment MP02	0	12-24-21	12-24-21
Environment Installation - Milestone Payment - MP01	0	05-17-22	05-17-22
Pre-Configuration Completed - Milestone Payment - MP03	0	07-29-22	07-29-22
Data Conversion 1- Milestone Payment - MP09	0	07-19-22	07-19-22
Business Process Testing Complete - MP04	0	11-22-22	11-22-22



Task Name	Duration	Start Date	End Date
Reporting & Interface Workshop and Plan Delivered - Milestone Payment - MP05	0	05-05-23	05-05-23
Budget Prep Delivery - Milestone Payment - MP08 (See CO-002)	0	07-24-23	07-24-23
Dashboard Completed - Milestone Payment - MP06	0	03-10-23	03-10-23
General Ledger Analytics Completed - Milestone Payment - MP07	0	02-09-23	02-09-23
Integrated Testing Test Cases -Milestone Payment - MP13 A	0	05-23-23	05-23-23
Data Conversion 2 (Integrated Testing Cycle 1) - Milestone Payment - MP10	0	10-31-22	10-31-22
Integrated Testing Support - Cycle 1 - Milestone Payment - MP13 B	0	06-16-23	06-16-23
Data Conversion 3 (Integrated Testing Cycle 2) - Milestone Payment - MP11	0	06-22-23	06-22-23
Integrated Testing Support - Cycle 2 - Milestone Payment - MP14	0	07-31-23	07-31-23
Data Conversion 4 (Mock Go Live) - Milestone Payment - MP12	0	08-04-23	08-04-23
Mock Go-live - Milestone Payment - MP16	0	08-07-23	08-07-23
Daily Operations Testing Support - Milestone Payment - MP15	0	08-31-23	08-31-23
Go Live Planning & Preparation Completed - Milestone Payment - MP17	0	09-08-23	09-08-23
Go-live Completed - Milestone Payment - MP18	0	09-18-23	09-18-23
Post Go Live Support - Month 1 - Milestone Payment - MP19	0	10-16-23	10-16-23
Post Go Live Support - Month 2 - Milestone Payment - MP20	0	11-13-23	11-13-23
Post Go Live Support - Month 3 - Milestone Payment - MP21	0	12-11-23	12-11-23
MP22A-CO5 SNO-INT4 - Point and Pay Balances Interface	0	06-07-23	06-07-23
MP22D-CO5 SNO-INT17 - Amanda Billing Customer Information Interface	0	06-07-23	06-07-23
MP22I-CO5 Cognos: Operational Framework Models Install (Accounts Payable)	0	06-09-23	06-09-23
MP22J-CO5 Cognos: Operational Framework Models Install (Job Costing)	0	06-09-23	06-09-23
MP22E-CO5 PO_FORM	0	06-09-23	06-09-23
MP22K-CO5 Cognos: JC Custom Mods	0	06-29-23	06-29-23
MP22C-CO5 SNO-INT16 - Cartegraph Cost Centers Interface	0	06-29-23	06-29-23
MP22H-CO5 SNOCO_PAID_INVOICE	0	06-29-23	06-29-23
MP22G-CO5 SNOCO_PROJ_DETAIL	0	06-29-23	06-29-23
MP22B-CO5 SNO-INT10 - Job Cost into Highline Interface	0	07-17-23	07-17-23
MP22F-CO5 SNOCO_BVA	0	07-17-23	07-17-23

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Carbon Copy Events	Status	Timestamp
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