

HHSC CONTRACT 529-16-0007-00001AL

**AMENDMENT THIRTY-EIGHT
To HHSC CONTRACT NO. 529-16-0007-00001**

THIS AMENDMENT Thirty-Eight (the “**Amendment**”) to HHSC Contract No. 529-16-0007-00001 (the “**Agreement**”) is entered into between the HEALTH AND HUMAN SERVICES COMMISSION (“**HHSC**” or the “**State**”), an administrative agency within the executive department of the State of Texas and having its principal office at 4900 North Lamar Boulevard, Austin Texas 78751, and Accenture State Healthcare Services LLC (“**CONTRACTOR**”), a limited liability corporation organized under the laws of the State of Delaware and having its principal place of business at 323 Congress Avenue, Suite 150, Austin, TX 78701. HHSC and the CONTRACTOR may be referred to in this Amendment individually as a “Party” and collectively as the “Parties.”

WHEREAS, in accordance with Article 9 of the Agreement, CONTRACTOR submitted to HHSC, and HHSC accepted, Change Order Request response 20-024, Version 3.0, which is attached to this Amendment as **Attachment A (“COR 20-024”)**. COR 20-024 modifies the Scope of Work of the Agreement. The purpose of this Amendment is to support HHSC in complying with the Centers for Medicare and Medicaid Services (CMS) Interoperability and Office of the National Coordinator for Health Information Technology (ONC) rules requiring development of an Application Programming Interfaces (APIs) to be used by third-party application developers to provide information access including Fee for Service (FFS) claims data and provider directory information.

WHEREAS, the Parties wish to incorporate the terms and conditions of COR 20-024 into the Agreement.

NOW, THEREFORE, the Parties hereby amend and modify the Agreement as follows:

1. **INCORPORATION OF COR 20-024.** The requirements, terms and conditions of COR 20-024 are incorporated into the Agreement. If the requirements, terms and conditions of COR 20-024 in any way conflict with a term or condition in the Agreement, the term or condition in the remainder of this Amendment will control with respect to this Amendment only.
2. **PRICING.** CONTRACTOR will perform the Services set forth in COR 20-024 on a “fixed fee” basis in the amount and under the terms set forth in COR 20-024. Total Fees under this Amendment will not exceed TWO MILLION SEVEN HUNDRED NINETY-THREE THOUSAND SEVEN HUNDRED EIGHTY-SIX DOLLARS (\$2,793,786).
3. **RETROSPECTIVE COST SETTLEMENT.** The costs incurred under this Amendment will be subject to the Retrospective Cost Settlement provisions included in Section 6.03 and Exhibit C of the Agreement.

4. **EFFECTIVE DATE.** This Amendment is effective upon the last signature date below and will continue in full force and effect through the remainder of the Term of the Agreement unless subsequently terminated, amended or modified by the Parties.
5. **CAPITALIZED TERMS.** All capitalized terms in this Amendment shall have the meaning as set forth in Section 3.03 of the Agreement unless modified herein.
6. **INCORPORATION BY AMENDMENT.** The Parties agree that the terms and conditions set forth in this Amendment apply to the Services and Deliverables to be provided by the CONTRACTOR under the Amendment in consideration of certain payments to be made by HHSC. By signing this Amendment, the Parties expressly understand and agree that this Amendment is made a part of the Agreement as though it were set out word for word in the Agreement.
7. **ENTIRE AGREEMENT.** The Parties agree that the terms of the Agreement will remain in effect and continue to govern except to the extent expressly modified in this Amendment. The Services and Deliverables under this Amendment are subject to all other terms and requirements of the Agreement as if set forth fully therein.

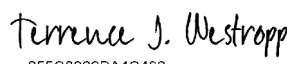
SIGNATURE PAGE FOLLOWS

**SIGNATURE PAGE FOR
AMENDMENT THIRTY-EIGHT
TO HHSC CONTRACT NO. 529-16-0007-00001**

IN WITNESS WHEREOF, HHSC and CONTRACTOR have each caused this Amendment to be signed and delivered by its duly authorized representative.

Health and Human Services Commission
DocuSigned by:

C80071B769504E9...
Cecile Young
Executive Commissioner

Accenture State Healthcare Services, LLC
DocuSigned by:

055C0866BA4C483...
Terrence J. Westropp
Account Director

June 25, 2021

Signature Date

June 23, 2021

Signature Date

THE FOLLOWING ATTACHMENTS ARE ATTACHED AND INCORPORATED AS PART OF THE AGREEMENT:

ATTACHMENT A - COR 20-024, VERSION 3.0



**Centers for Medicare and Medicaid Services (CMS) Interoperability /
MyHealthEData**

Accenture State Healthcare Services, LLC Change Order Request (COR) Response

May 24, 2021

COR 20 – 024, Version 3.0

COR PROJECT NAME

Centers for Medicare and Medicaid Services (CMS) Interoperability/MyHealthEData

COR NUMBER:

20 – 024

HHSC COR SPONSORSHIP

The following HHSC COR sponsor for this change order and associated federal funding requests (e.g., advanced planning documents) has decision-making authority for HHSC matters related to this COR and escalates risks and issues for this COR, as appropriate.

SPONSOR TITLE:

Director of System Modifications, HHSC

SPONSOR NAME:

Deanna Naranjo

DATE(S) SUBMITTED TO HHSC

Version 1.0 – October 26, 2020; Version 1.1 – December 8, 2020; Version 1.2 – January 5, 2021; Version 1.3 - January 15, 2021; Version 1.4 – May 5, 2021; Version 2.0 – May 12, 2021; Version 2.1 – May 18, 2021; Version 3.0 – May 24, 2021

This COR is a change to the Texas Health & Human Services Commission (HHSC) contract #529-16-0007-00001 (Agreement) with Accenture State Healthcare Services, LLC (CONTRACTOR).

PURPOSE

This purpose of this COR is to support HHSC in complying with the CMS Interoperability and Office of the National Coordinator for Health Information Technology (ONC) rules requiring development of an Application Programming Interfaces (APIs) to be used by third-party application developers to provide information access including Fee for Service (FFS) claims data and provider directory information.

BACKGROUND

This initiative is to provide Medicaid clients with access to their health information using APIs. The APIs will facilitate interoperability and security for this patient data exchange. A Patient Access API for FFS claims information is one of two key deliverables of this Project. The other main deliverable, a Provider Directory API, will also be implemented. This API will make available provider names, addresses, phone numbers, and specialties. In addition, drug formulary information must be provided along with security to ensure appropriate access to client information based on the CMS and ONC rules.

ASSUMPTIONS

The requested changes to the Statement of Work (SOW) set forth in Functional Requirements Exhibit B in the Agreement including Deliverables and the pricing schedule in this COR are based on the following Assumptions. For the avoidance of doubt, the Assumptions contained in this COR only relate to the contemplated changes to the SOW in this COR and do not relate to the remainder of the SOW.

ITEM #	TYPE (BUSINESS, TECHNICAL, OR BOTH)	ASSUMPTIONS
1.	Both	HHSC and CONTRACTOR agree to review the SOW and timeline included in the COR prior to the beginning of the Operations phase of the Project. HHSC and CONTRACTOR will jointly agree upon all applicable contract requirements, any required amendments, and Key Measures.
2.	Both	Unless otherwise specified in this document, any reference to the agency HHSC is considered a joint collaboration between the relevant Health and Human Services System agencies. Notwithstanding the foregoing, HHSC itself remains the only party who may obligate the State for additional expenditures and direct or approve CONTRACTOR's performance under this COR.
3.	Both	HHSC is responsible for providing a Product Owner for each Sprint Team. The Product Owner will have the authority and is accountable for setting priorities and business value associated with each of the User Stories for this Project. The Product Owner is accountable for ensuring that the Sprint Team understands required features and functionality that are being requested in each Sprint.
4.	Both	CONTRACTOR is not responsible for delays or additional Sprint impacts associated with the unavailability of required HHSC resources or delays in the delivery or performance of third-party tools and/or services such as hardware/software (HW/SW) procurement through HHSC's data center operations vendor.
5.	Both	HHSC and CONTRACTOR will jointly prepare the Sprint schedules, inclusive of meetings, delivery target dates, review cycles, and Sprint completion milestones.
6.	Both	HHSC and CONTRACTOR will jointly specify the level of status reporting and metrics required in the Monthly Status Report deliverable.
7.	Both	CONTRACTOR will maintain a record of hours expended on the Services activities, including a separate record for each Agile Sprint, and provide this information to HHSC with each monthly status report.
8.	Business	CONTRACTOR assumes any additional call volumes resulting from the implementation of this COR will not exceed a 5% increase and will be handled through the established additional resource charge/reduced resource credit (ARC/RRC) pricing model.
9.	Business	There are no new external training materials required or included in this COR.
10.	Business	There are no provider notifications required or included in this COR.
11.	Business	There are no client materials required or included in this COR.

ITEM #	TYPE (BUSINESS, TECHNICAL, OR BOTH)	ASSUMPTIONS
12.	Business	Managed Care Organizations (MCOs) will not be participating in the Health Level Seven International (HL7) requests; however, if MCOs are involved, the Operations MCO Liaison Group will participate in communication development at no additional cost to the State.
Security Model/Member Authentication		
13.	Technical	Changes to the Medicaid Client Portal (MCP) security model are not required or included in this project. This includes business rules changes to MCP which prevent user access or extend access to household member's health information.
14.	Technical	CONTRACTOR is not responsible for managing Medicaid member user accounts.
15.	Technical	YourTexasBenefits.com will support member access for all members with active Medicaid Eligibility on or after January 1, 2016. YourTexasBenefits.com functionality defaults clients to sharing their information, with action required to Opt Out of sharing. This project will leverage the indicators associated with this functionality in sharing information through the APIs included in the scope of work for this COR.
16.	Technical	Effort for modifications made to the YourTexasBenefits system is not included in this COR.
Eligibility		
17.	Technical	Effort for modifications made to the Texas Integrated Eligibility Redesign System (TIERS) system is not included in this COR.
Claims Data		
18.	Technical	Managed Care Encounters are not required by the ONC rules and will not be included in the Patient Access API.
19.	Technical	CONTRACTOR will make Pharmacy claims available via the Patient Access API within one business day of receipt from Pharmacy Claims and Rebate Administrator (PCRA) vendor. CONTRACTOR is not responsible for the timeliness of claims submission by PCRA.
20.	Technical	Modifications to the PCRA system such as the creation or modification of the FFS claims file are not included in this COR.
21.	Technical	CONTRACTOR will have access to PCRA resources to address data mapping of Pharmacy transaction information.
22.	Technical	Changes to create "Blue Button" functionality (the ability to view and download information in the Medicaid Client Portal from the Patient Access API) are not included in this COR.
Formulary Information		
23.	Technical	Modifications to the PCRA Pharmacy Formulary files are not required, or included in this COR.

ITEM #	TYPE (BUSINESS, TECHNICAL, OR BOTH)	ASSUMPTIONS
Provider Directory API		
24.	Technical	COR 20-018 Provider Portal Redesign will be completed prior to the implementation of the Provider Directory API. CONTRACTOR will coordinate with this project to leverage the resulting provider information for use in the Provider Directory API.
Other		
25.	Technical	CONTRACTOR will include all data required by the Patient Access API and which is currently stored in the Texas Medicaid Management Information System (TMMIS). Any additional data requirements will be addressed via scope change through collaboration with trading partners and HHSC.
26.	Technical	CONTRACTOR is not responsible for delays caused by trading partners not completing changes according to Project Plan dates. Throughout the project, CONTRACTOR will notify HHSC of any risks or issues associated with potential or actual trading partner delays as part of project governance.
27.	Technical	Analysis related to work under COR 20-020, may result in additional impacts that are not included in this COR. Additional impacts will be addressed through the COR scope management process. COR 20-020 includes changes to data center operations, which is likely to impact the procurement of HW/SW which is unknown at this time. CONTRACTOR will coordinate with HHSC and their data center vendor for the implementation of this Project.

Changes which invalidate Assumptions or materially revise this COR will require a review and written approval by HHSC and CONTRACTOR of the staffing, design, development and/or Project Implementation Schedule, and related Fee Schedule(s). Supporting full time equivalents (FTEs) or any other costs requested in this change order are not already allocated in previous CORs and/or the Agreement. HHSC will not be liable for multiple costing associated with the same resources. Notwithstanding the foregoing, CONTRACTOR may utilize personnel on both base services and Amendments/CORs.

After this COR is incorporated into the Agreement via an executed Amendment, any changes to this COR will be accomplished in accordance with Article 9 of the Agreement.

REVISIONS TO THE STATEMENT OF WORK

Upon execution of an Amendment, the following revisions are incorporated into the SOW as if set forth fully therein.

ONE-TIME CONTRACT REQUIREMENTS

ITEM #	TYPE	REQUIREMENT
Member Management and Authentication		
20-024-01	Technical	Create a process to extract member details from Eligibility as a Service (EaaS) for use in the Patient Access API.

ITEM #	TYPE	REQUIREMENT
20-024-02	Technical	Create an interface with YourTexasBenefits.com to validate member login credentials.
20-024-03	Technical	Create a process to verify member privacy "Opt" selection in EaaS for protection of member health information.
20-024-04	Technical	Create a process to reject requests for member information when the member has opted out of sharing health information.
20-024-05	Technical	Modify the process to retrieve member information when a Legally Authorized Representative (LAR) requests information for their household member.
20-024-06	Technical	Modify EaaS to store clients with Medicaid eligibility on or after January 1, 2016 received from TIERS.
Claims API		
20-024-07	Technical	Create a medical claims database to store FFS claims data required for Patient Access API responses.
20-024-08	Technical	Create a process to replicate C21 FFS Acute Care claims data with dates of service on or after January 1, 2016 to the medical claims database.
20-024-09	Technical	Create a process to replicate CMS FFS Long Term Care (LTC) claims data with dates of service on or after January 1, 2016 to the medical claims database.
20-024-10	Technical	Create a process to retrieve and map Acute Care claims data in the medical claims database to the HL7 Fast Healthcare Interoperability Resources (FHIR) format.
20-024-11	Technical	Create a process to retrieve and map LTC claims data in the medical claims database to the HL7 FHIR format.
20-024-12	Technical	Create a process to make Acute and LTC claims transactions available for retrieval by authorized trading partners.
20-024-13	Technical	Create a Pharmacy claims database to store FFS Pharmacy claims data required for the Patient Access API responses.
20-024-14	Technical	Perform a one-time historical load of FFS Pharmacy claims with dates of service on or after January 1, 2016 to the Pharmacy claims database.
20-024-15	Technical	Create a process to retrieve, process, and store FFS Pharmacy claim files received from the claims processor.
20-024-16	Technical	Create a process to make FFS Pharmacy claims transactions available for retrieval by authorized trading partners.
20-024-17	Technical	Create a process to retrieve and map FFS Pharmacy claims data in the Pharmacy claims database to the HL7 FHIR format.
Formulary API		
20-024-18	Technical	Create a database to store Texas Medicaid Formulary data required for Formulary API responses.
20-024-19	Technical	Create a process to retrieve, process, update, and store four (4) distinct Formulary file formats received from the Pharmacy claims processor.
20-024-20	Technical	Create a process to store the Formulary records received by the Pharmacy claims processor.
20-024-21	Technical	Create a process to retrieve and map Formulary records to the HL7 FHIR format within one (1) business day of receipt from the Pharmacy claims processor.
20-024-22	Technical	Create a process to make Pharmacy Formulary available for retrieval by authorized trading partners.
Client Access API - Provider Directory		

ITEM #	TYPE	REQUIREMENT
20-024-23	Technical	Create an interface with the Provider Enrollment and Management System (PEMS) interface to exchange provider search criteria and to receive matching provider results.
20-024-24	Technical	Create a process to map Medicaid Provider information to the HL7 Provider Directory format.
20-024-25	Technical	Create a process to access the HL7 FHIR Provider Directory over the public internet.
HL7 FHIR Accessibility		
20-024-26	Technical	Create a process to register, validate and store third-party trading partner credentials for HL7 FHIR interfaces.
20-024-27	Technical	Implement OAuth 2.0 authentication process to enable third-party access to claims information on behalf of Medicaid members.
20-024-28	Technical	Create an API to communicate client FFS claim history in HL7 FHIR format.
20-024-29	Technical	Create an API to communicate Texas Formulary information in HL7 FHIR format.
20-024-30	Technical	Create an API to communicate Provider Directory information in HL7 FHIR format.
20-024-31	Technical	Create a method to allow public access to the HL7 FHIR Provider Directory service.
Standard Operating Procedures		
20-024-32	Technical	Create a process to purge claims records from the ODS once they are converted to HL7 FHIR format and loaded to the FHIR server.
20-024-33	Technical	Create a standard operating procedure to reload claims previously stored in the FHIR server on an ad-hoc basis for recovery or data fix needs.
Trading Partner Guides		
20-024-34	Technical	Modify Electronic Data Interchange (EDI) Connectivity Guide to include HL7 FHIR connections.
20-024-35	Technical	Create and publish Companion Guides for each implemented HL7 FHIR standard.
System Monitoring and Reporting		
20-024-36	Technical	Create a process to allow the Patient Access API to be highly available through monitoring and alerts when system is unavailable.
20-024-37	Technical	Create a process to log and store auditable inquiry and response transaction data.
20-024-38	Technical	Create reports to track transaction volume by API, trading partner, Medicaid member, and request status.
Operations Implementation Readiness		
20-024-39	Business	Develop and deliver an Internal Knowledge Management Bulletin (KMB) for use by the Operations Contact Center (CC), Provider Relations (PR), Appeals, Complaints, and Resolutions (ACR) and MCO-Liaisons.
20-024-40	Business	Modify Work Instruction (Wiki) updates for CC; PR; ACR; MCO-liaisons.
20-024-41	Business	Develop Contact Center call script.
20-024-42	Business	Review and post EDI Companion Guides for FHIR transaction to TMHP.com.

ONGOING CONTRACT REQUIREMENTS

No Ongoing Contract Requirements have been identified as impacted by the One Time Requirements above through COR development, but should there be Ongoing Contract Requirements identified following Amendment execution, additional effort and/or cost by CONTRACTOR will be mutually discussed and agreed between HHSC and CONTRACTOR.

REVISED CONTRACT REQUIREMENTS

No Contract Requirements requiring revision because of the One Time Requirements above have been identified through COR development, but should there be Revised Contract Requirements identified following Amendment execution, additional effort and/or cost by CONTRACTOR will be mutually discussed and agreed between HHSC and CONTRACTOR.

DEACTIVATED CONTRACT REQUIREMENTS

No Contract Requirements requiring deactivation because of the One Time Requirements above have been identified through COR development, but should there be Deactivated Contract Requirements identified following Amendment execution, additional effort and/or cost by CONTRACTOR will be mutually discussed and agreed between HHSC and CONTRACTOR.

STAFFING

CONTRACTOR estimates the need for the following staffing resources. Supporting FTEs or any other costs requested in this COR are not already allocated in previous CORs and/or the Agreement. The supporting financial documentation and estimate breakdown is included in the Cost Model.

A. Business Operations:

Business Operations Temporary Staff

Operations Project Office (OPO)

Operations Business Analyst to serve as primary liaison and point of contact for Operational departments. Manage and track the updating of applicable Operations documentation. Create and manage the Operations Work Plan. Manage and track the updates and execution of applicable training materials. Monitor and track the updates for P&Ps and job aids/wikis. Includes FTEs as follows:

- One-tenth (0.1) FTE for nine (9) months

B. Texas Medicaid Management Information System (TMMIS) Technology:

Project Delivery Staff

CONTRACTOR will provide resources to staff two (2) Sprint Teams for each Sprint Cycle. Each Sprint Team will include the following CONTRACTOR resources:

Sprint Team 1

CONTRACTOR Role	Department	Full Time Equivalent	Duration (months)
Sr. Developer	EDI	0.5	3
		1.0	7
Developer	EDI	2.0	8
Sr. Business Analyst	EDI	0.5	3
		1.0	7
Business Analyst	EDI	1.0	8
Business Analyst	Portal	0.5	8
TOTAL at Peak Staffing Level		6.5	

Sprint Team 2

CONTRACTOR Role	Department	Full Time Equivalent	Duration (months)
Sr. Developer	EDI	0.5	2
		1.0	8
Developer	EDI	1.0	1
		1.5	7
Developer	Portal	1.0	8
Sr. Business Analyst	Portal	0.5	3
		1.0	7
Business Analyst	EDI	1.0	8
Business Analyst	Portal	0.5	8
TOTAL at Peak Staffing Level		8	

In addition to the Sprint Teams, CONTRACTOR requires the following resources to satisfy the requirements of the SOW.

Scrum Master

- One-half (0.5) Scrum Master for two (2) months
- One (1) Scrum Master for six (6) months

Platform Team

- One-tenth (0.1) Program Manager for one (1) month

- Two-tenths (0.2) Program Manager for eight (8) months
- One-quarter (0.25) Project Manager for two (2) months
- One (1) Project Manager for eight (8) months
- One-quarter (0.25) Solution Architect for two (2)
- One (1) Solution Architect for eight (8) months
- One-quarter (0.25) Application Architect – EDI for one (1) month
- One-half (0.5) Application Architect – EDI for one (1) month
- One (1) Application Architect – EDI for eight (8) months
- One-quarter (0.25) Database Administrator for eight (8) months
- One-tenth (0.1) System Analyst for seven (7) months
- One-tenth (0.1) PMO Analyst for one (1) month
- Eighteen-hundredths (0.18) PMO Analyst for one (1) month
- Two-tenths (0.2) PMO Analyst for seven (7) months

Ongoing Staff

No additional Business Operations or Technology on-going staff are requested in this COR.

PROJECT COMMENCEMENT AND IMPLEMENTATION DATE

CONTRACTOR will commence work under the Project as of the business day following receipt of the email transmission from HHSC of the executed Amendment. CONTRACTOR will complete the Services and Deliverables in this COR within **ten (10) months** after the effective date of the Amendment, unless otherwise specified in the Deliverables table below. As used in this COR, “Project Implementation Date” means the date on which all of the Services and Deliverables set forth in this COR are completed by CONTRACTOR and accepted by HHSC.

DELIVERABLES

On-going and one-time Deliverables will be submitted to the State via the Vendor Initiated Correspondence (VIC) process. CONTRACTOR must document the due date and the contract requirement number of the Deliverable on the VIC cover. CONTRACTOR will produce the Deliverables, which the State will review and approve or provide required revisions per the Deliverables acceptance process outlined in Section 4.05 “Acceptance” in the Agreement unless otherwise noted with a specific deliverable below. In accordance with Section 4.05, the parties may increase or decrease the Review Period.

CONTRACTOR will provide the following one-time Deliverables by the Project Implementation Date or the specified due dates.

LIST OF DELIVERABLES

ITEM #	RQMT ID	DELIVERABLE	DUE DATE
1.	CMS INTEROPERABILITY- 0001	Submit a Project Work Plan including Operational and Technical components for HHSC approval using an approved work plan template containing key Agile Scrum milestones.	Within twenty (20) business days of the date CONTRACTOR was notified of the contract Amendment execution.
2.	CMS INTEROPERABILITY- 0002	Submit a Monthly Project Status Report for HHSC approval using an approved Agile Monthly Project Status Report template for key Agile Scrum activities and milestones.	During Project Implementation and due by the fifteenth (15th) business day of each month beginning the month after COR/Amendment execution.
3.	CMS INTEROPERABILITY- 0003	Submit Agile Baseline Document (ABD) for HHSC approval.	Provided to HHSC upon request with timing of submissions and approvals to be determined according to the HHSC-approved Project Work Plan.
4.	CMS INTEROPERABILITY- 0004	Agile Solution Blueprint	Provided to HHSC upon request with timing of submissions and approvals to be determined according to the HHSC-approved Project Work Plan.
5.	CMS INTEROPERABILITY- 0005	Agile Test Model	Provided to HHSC upon request with timing of submissions and approvals to be determined according to the HHSC-approved Project Work Plan.
6.	CMS INTEROPERABILITY- 0006	Submit an updated Companion Guide(s).	Provided to HHSC upon request with timing of submissions and approvals to be determined according to the HHSC-approved Project Work Plan.
7.	CMS INTEROPERABILITY- 0007	Submit Technical Report documentation including updates to Joint Interface Plans (JIPs).	Provided to HHSC upon request with timing of submissions and approvals to be determined according to the HHSC-approved Project Work Plan.
8.	CMS INTEROPERABILITY- 0008	Submit, report, and maintain the management of Project risks and issues in the CONTRACTOR's Project and Portfolio Management (PPM) tool for reporting at Project Governance. COR Action through the life of the Project.	Reported on a frequency consistent with Project governance meetings per the HHSC-approved Project Work Plan.
9.	CMS INTEROPERABILITY- 0009	Conduct Project Status meetings with HHSC, including the creation and distribution of meeting minutes for HHSC approval.	Meetings to be scheduled according to the HHSC-approved Project Work Plan. Meeting minutes due within five business days after the meeting occurs.

The Work Plan may be adjusted in accordance with the Agreement if the delivery of services is accelerated or delayed and the total cost is not changed.

KEY MEASURES

No new or modified Key Measures are requested as a result of this COR.

SYSTEMS INVENTORY UPDATE

No updates to Exhibit B Attachment 40 SYSTEMS APPLICATION INVENTORY are required as a result of this COR.

POST PROJECT IMPLEMENTATION REVIEW

CONTRACTOR will conduct a Post Project Implementation Review for this COR in accordance with contractual requirements (FIN - 0085, GOC - 0130). A Post Project Implementation Review meeting will be scheduled by HHSC on a date following CONTRACTOR's submission of the Post Implementation Review materials.

CHANGES TO CONTRACT PRICE

Services and Deliverables of this COR will be performed on the financial basis described in Appendix A. The pricing in Appendix A is based on the assumptions, scope and timing stated in the COR. A pricing schedule by Federal Fiscal Year (FFY) and State Fiscal Year (SFY) is included in Appendix A.

Notwithstanding any provision of this COR or the Amendment that incorporates this COR into the Agreement, unless and to the extent already required by the Agreement, CONTRACTOR shall only provide data relating to its underlying costs or profit margin in accordance with the Financial Terms, Exhibit C to the Agreement.

FINANCIAL STRUCTURE

Upon request, CONTRACTOR will submit to HHSC documentation of costs associated with FCS-0019 set forth in Attachment 1 to Exhibit C of the Agreement. For the purposes of this Amendment, these costs will be represented as hours worked by resource multiplied by the CONTRACTOR rate for the level of that resource, according to the CONTRACTOR rates set forth in Exhibit D-04 of the Agreement.

HHSC will pay CONTRACTOR for services and Deliverables associated with this COR according to the attached Pricing Schedule included in Appendix A and in accordance with the terms of the Agreement. If CONTRACTOR cannot demonstrate actual costs, as defined above, that were reflected in the Pricing Schedule, HHSC may exercise their right to dispute all or any portion of the CONTRACTOR’S invoice according to Section 8.14 of the Agreement.

FINANCIAL TYPE

The financial type of the change order is:

- No Price Impact
- Implementation
- Implementation and/or Ongoing
- Analysis

CHANGE ORDER CATEGORY

The category of this change order is:

- Modification to Contractual Requirements
- Modification to Business Processes and/or Business Rules
- New Requirement: Contract Amendment Required

APPENDICES

The following appendices are attached to and incorporated into this COR:

- Appendix A - Pricing Schedule
- Appendix B - Federal Financial Participation for Texas Medicaid Management Information System (TMMIS) Projects
- Appendix C - CMS Conditions and Standards
- Appendix D - Final Cost Model
- Appendix E - Glossary of Acronyms and Terms

APPENDIX A**COR 20 - 024 CMS Interoperability
Pricing Schedule (Extension)**

	SFY 21	SFY22	Total
Accenture Labor (Tech)	710,871	2,060,220	2,771,091
Accenture Labor (Ops)	5,207	10,621	15,828
Consulting	-	-	-
Pass Through HW/SW	6,867	-	6,867
Pass Through- Other	-	-	-
Non Pass Through	-	-	-
Total Cost	722,944	2,070,841	2,793,786
	FFY21	FFY22	Total
Accenture Labor (Tech)	1,049,384	1,721,707	2,771,091
Accenture Labor (Ops)	6,977	8,851	15,828
Consulting	-	-	-
Pass Through HW/SW	6,867	-	6,867
Pass Through- Other	-	-	-
Non Pass Through	-	-	-
Total Cost	1,063,228	1,730,558	2,793,786

SFY 2021				
Month	Contract Period	Development	Operations/Run	Total
Jun-21	Ext. Yr. 1	68,341	-	68,341
Jul-21	Ext. Yr. 1	314,129	-	314,129
Aug-21	Ext. Yr. 1	333,608	-	333,608
Total		716,077	-	716,077
SFY 2022				
Month	Contract Period	Development	Operations/Run	Total
Sep-21	Ext. Yr. 2	340,283	-	340,283
Oct-21	Ext. Yr. 2	340,283	-	340,283
Nov-21	Ext. Yr. 2	343,030	-	343,030
Dec-21	Ext. Yr. 2	340,283	-	340,283
Jan-22	Ext. Yr. 2	340,283	-	340,283
Feb-22	Ext. Yr. 2	299,155	-	299,155
Mar-22	Ext. Yr. 2	67,523	-	67,523
Total		2,070,841	-	2,070,841

Other Costs	Development	Operations/Run	Total
Capital and Supporting	6,867	-	6,867
Total	6,867	-	6,867

Total Cost	2,793,786	-	2,793,786
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CONTRACTOR will submit invoices upon the completion of each month of service in accordance with the Agreement.

APPENDIX B**COR 20 - 024 CMS****Interoperability****FFP Summary (Extension)**

<i>Title XIX TMMIS FFY 2021</i>		<i>Federal Funding Participation Allocation: APD Related</i>	
Allocation Category	State Portion	Federal Portion	Total Federal & State
Non-TMMIS 50/50 FFP	\$ -	\$ -	\$ -
TMMIS Related 50/50 FFP	\$ -	\$ -	\$ -
TMMIS Related 75/25 FFP	\$ 1,744	\$ 5,233	\$ 6,977
TMMIS Related 90/10 FFP	\$ 105,625	\$ 950,626	\$ 1,056,251
Total Cost Title XIX FFY 2021	\$ 107,369	\$ 955,859	\$ 1,063,228

<i>Title XIX TMMIS FFY 2022</i>		<i>Federal Funding Participation Allocation: APD Related</i>	
Allocation Category	State Portion	Federal Portion	Total Federal & State
Non-TMMIS 50/50 FFP	\$ -	\$ -	\$ -
TMMIS Related 50/50 FFP	\$ -	\$ -	\$ -
TMMIS Related 75/25 FFP	\$ 2,213	\$ 6,638	\$ 8,851
TMMIS Related 90/10 FFP	\$ 172,171	\$ 1,549,536	\$ 1,721,707
Total Cost Title XIX FFY 2022	\$ 174,383	\$ 1,556,174	\$ 1,730,558

<i>Title XIX TMMIS Total</i>		<i>Federal Funding Participation Allocation: APD Related</i>	
Allocation Category	State Portion	Federal Portion	Total Federal & State
Non-TMMIS 50/50 FFP	\$ -	\$ -	\$ -
TMMIS Related 50/50 FFP	\$ -	\$ -	\$ -
TMMIS Related 75/25 FFP	\$ 3,957	\$ 11,871	\$ 15,828
TMMIS Related 90/10 FFP	\$ 277,796	\$ 2,500,162	\$ 2,777,958
Total Cost Title XIX Total	\$ 281,753	\$ 2,512,033	\$ 2,793,786

Above is the determination for the division of Federal Financial Participation (FFP) funds. CONTRACTOR will rely on this information as updated by HHSC for the submission of invoices.

PROGRAM FUNDING

This change order will be funded by the following program(s):

- Title XIX
- Children with Special Health Care Needs Services Program (CSHCN)
- Long Term Care (LTC)
- Medical Transportation Program (MTP)
- Women's Health Services
- Other _____

ADVANCED PLANNING DOCUMENT

An Advanced Planning Document (APD) or Advanced Planning Document Update (APD-U) will be submitted for COR 20 – 024.

An APD or APD-U is not required if the Project is 100% funded by the State, does not exceed federal funding request threshold requirements, or other special circumstances specified by the State.

The following federal regulations and constraints apply:

Centers for Medicare and Medicaid Services (CMS) requires the State to submit an APD for prior approval for any Project/COR that totals or exceeds the normal administrative rate threshold of \$1,000,000 for total TMMIS Project costs that are claimed at either a 50% FFP or the 75% FFP levels. All FFP requests at the 90% FFP rate must have APD approval from CMS. The \$1,000,000 is based on the cost of the Contract Amendment only (not the original contract cost for the Project/COR plus the Amendment).

If the SOW included in the COR is part of a Project covered by a previously approved TMMIS APD, then an APD-U must be submitted for total Project cost increases of \$300,000 or ten percent (10%) of Project costs, whichever is less. CMS will not provide FFP for Projects that are comparable in scope, but divided into separate Amendments, COR responses, or Projects in order to remain under the threshold. In addition, if a Project was undertaken by the State that was under the threshold, and a subsequent Project is being considered, all TMMIS costs must be combined from all Projects. If the total TMMIS costs exceed the threshold, an APD must be submitted for prior approval for all TMMIS activities and costs.

APPENDIX C

CMS CONDITIONS AND STANDARDS

CMS Conditions and Standards as prescribed in Medicaid IT Supplement (MTS 11-01, v1.0) apply to this COR as described below.

1. Modularity Standard:

COR 20 – 024 will follow a well-defined System Development Lifecycle (SDLC), leveraging Agile delivery methods for iterative and incremental development that aligns with the HHSC product owner’s vision for the Project.

2. Medicaid Information Technology Architecture (MITA) Condition:

COR 20 – 024 will impact the MITA condition by consolidating health information for Medicaid patients and making it accessible through a secure Patient Access API.

The solution also impacts the MITA Manage Member Information (ME01) business processes: however, since CMS has not updated these business processes to the 3.0 version, there will be no assessment of the maturity levels for these business processes.

EE04 – INQUIRE MEMBER ELIGIBILITY			
QUESTION	PER 2020 MITA 3.0 SS- A: AS IS	PER 2020 MITA 3.0 SS-A: ASSISTS IN IMPROVING MITA MATURITY LEVELS (TO BE)	COMMENTS
Q1. Is the process primarily manual or automated?	2	2	Process is highly automated, but will not move to a 3 until the State legislature mandates that HHSC share and integrate enrollment services with CHIP and the Marketplace.
Q2. Does the State Medicaid Agency use standards in the process?	3	3	Uses intrastate standards. Does not implement interstate exchanges.
Q3. How does the State Medicaid Agency collaborate with other agencies or entities in performing the process?	2	2	Requires HHSC to share and integrate Medicaid, CHIP, and the Marketplace.
Q4. How timely is this end-to-end process?	3	3	Eligibility inquiries complete in less than five (5) seconds. With EaaS the eligibility data is updated in near real time as well.
Q5. How accurate is the information in the process?	2	2	Process is considered accurate. Any errors are edited and corrected. However, until CMS establishes

EE04 – INQUIRE MEMBER ELIGIBILITY			
QUESTION	PER 2020 MITA 3.0 SS- A: AS IS	PER 2020 MITA 3.0 SS-A: ASSISTS IN IMPROVING MITA MATURITY LEVELS (TO BE)	COMMENTS
			performance measures, states cannot measure accuracy at 90% or higher. As a result, it will remain at level 2.
Q6. How accessible is the information in the process?	2	2	Eligibility data is updated in near real-time and made available online to authorized providers and members. Provides summary and detailed eligibility views in printable formats. This process will not move to a 3 until the State legislature mandates that HHSC share and integrate enrollment services with CHIP and the Marketplace.
Q7. What is the cost of the process compared to the benefits of the results?	2	2	This process will not move to a 3 until the State legislature mandates that HHSC share and integrate enrollment services with CHIP and the Marketplace.
Q8. How efficient is the process?	2	2	Process is highly automated and efficient. However, until CMS establishes performance measures, States cannot measure efficiency at 90% or higher. As a result, it will remain at a level 2.
Q9. How accurate are the results of the process?	2	2	Process is highly accurate. However, until CMS establishes performance measures, States cannot measure accuracy at 90% or higher. As a result, it will remain at a level 2.
Q10. How satisfied are the Stakeholders?	2	2	Solution improves stakeholder satisfaction through ease of use and TOA indicator. Needs to address Managed Care Organization concerns and implement stakeholder surveys to reach level 3.

3. **Industry Standard Condition:**

COR 20 – 024 will implement industry-standard electronic health transactions, mandated by the ONC 21st Century Cures Act final rule and further defined by the CMS Interoperability and Patient Access final rule (CMS-9115-F). This Project will implement interoperable and patient accessible health, provider and prescription drug information.

Specifically, Health Level 7 (HL7) Version 4.0.1 Fast Healthcare Interoperability Resources (FHIR) Release 4, and SMART IG / OAuth 2.0. This ‘SMART on FHIR’ arrangement provides reliable, secure authorizations for a variety of app architectures using the OAuth 2.0 standard.

This Project will make patient claims data available via the Patient Access API, following the CARIN Alliance Blue Button® Framework and Common Payer Consumer Data Set (CPCDS) Implementation Guide. This API will also make preferred drug lists available utilizing the DaVinci Payer Data Exchange US Drug Formulary Implementation Guide. The Provider Directory API will leverage the DaVinci PDEX Plan Net IG and will be accessible via a public-facing digital endpoint.

4. **Leverage Condition:**

COR 20 – 024 will leverage existing technology assets, designs and functionality. The OAuth 2.0 authentication method will reuse EaaS architecture, member data, and web services to perform patient matching and orchestration with claims, provider data sources. Interfaces previously implemented for use in the Medicaid Client Portal will be leveraged and modified to support required integration with YourTexasBenefits.com to authenticate member credentials.

5. **Business Results Condition:**

This solution will provide Medicaid members with secure access to health information using modern, compliant and secure methods mandated by ONC and CMS. Claims, Provider and Formulary information will be available to approved trading partners using the Patient Access and Provider Directory APIs. Patients may access the information shared using HHSC managed member credentials, through their chosen and approved third-party vendor. These APIs will comply with federal, state and industry standards, ensuring interoperability and transparency into the cost and outcomes of health care.

6. **Reporting Condition:**

COR 20 – 024 will implement healthcare standard APIs supporting patient access to health information through secure, third-party applications. Medical and pharmacy FFS claims history, formulary and provider network information will be accessible through the mandated API.

7. **Interoperability Condition:**

COR 20 – 024 will ensure Texas Medicaid meets CMS final rule CMS-9115-F through the implementation of Patient Access and Provider Directory APIs. These mandated APIs enable patient access to their health information through the use of standardized and interoperable methods, standards and formats.

8. Modified Adjusted Gross Income (MAGI)-based System Functionality:

N/A for COR 20 – 024.

9. Mitigation Plan:

No risks have been identified during Project initiation, concept, and planning that would require a Mitigation Plan for COR 20 – 024. Risks and issues that may arise during Project delivery will be managed in the CONTRACTOR’s Project and Portfolio Management (PPM) tool for reporting at Project Governance.

10. Key Personnel: State Key Personnel will be identified and documented by HHSC in the APD.

11. Documentation Condition: CONTRACTOR will maintain documentation for software that is developed for COR 20 – 024. Documentation will follow industry standards and best practices, including all necessary information, so that the system, where contractually allowed, could be installed and operated by a variety of contractors and other users

12. Minimization of Cost for Operation on an Alternate System Condition: The system will be developed with regards to minimizing the cost of operation on alternate system by limiting the use of proprietary language coding, where possible, in the development of the system. This condition is considered in conjunction with APD requirements regarding cost benefit analyses required at 45 CFR95.605 or § 95.610.

APPENDIX D

FINAL COST MODEL

See accompanying Cost Model, version 3.0.

**COR 20 - 024 CMS Interoperability
Summary**

	Monthly Average	Total
Development		
		<i>10 Months</i>
Services	\$ 278,692	\$ 2,786,919
Total Resource Billings		\$ 2,786,919
HHSC HW/SW Expense		
Development	\$	6,867
Operations	\$	-
Total HHSC HW/SW Expense		\$ 6,867
Total		\$ 2,793,786

COR 20 - 024 CMS Interoperability**Pricing Schedule (Extension)**

	SFY 21	SFY22	Total
Accenture Labor (Tech)	710,871	2,060,220	2,771,091
Accenture Labor (Ops)	5,207	10,621	15,828
Consulting	-	-	-
Pass Through HW/SW	6,867	-	6,867
Pass Through- Other	-	-	-
Non Pass Through	-	-	-
Total Cost	722,944	2,070,841	2,793,786
	FFY21	FFY22	Total
Accenture Labor (Tech)	1,049,384	1,721,707	2,771,091
Accenture Labor (Ops)	6,977	8,851	15,828
Consulting	-	-	-
Pass Through HW/SW	6,867	-	6,867
Pass Through- Other	-	-	-
Non Pass Through	-	-	-
Total Cost	1,063,228	1,730,558	2,793,786

SFY 2021				
Month	Contract Period	Development	Operations/Run	Total
Jun-21	Ext. Yr. 1	68,341	-	68,341
Jul-21	Ext. Yr. 1	314,129	-	314,129
Aug-21	Ext. Yr. 1	333,608	-	333,608
Total		716,077	-	716,077
SFY 2022				
Month	Contract Period	Development	Operations/Run	Total
Sep-21	Ext. Yr. 2	340,283	-	340,283
Oct-21	Ext. Yr. 2	340,283	-	340,283
Nov-21	Ext. Yr. 2	343,030	-	343,030
Dec-21	Ext. Yr. 2	340,283	-	340,283
Jan-22	Ext. Yr. 2	340,283	-	340,283
Feb-22	Ext. Yr. 2	299,155	-	299,155
Mar-22	Ext. Yr. 2	67,523	-	67,523
Total		2,070,841	-	2,070,841

Other Costs	Development	Operations/Run	Total
Capital and Supporting	6,867	-	6,867
Total	6,867	-	6,867

Total Cost	2,793,786	-	2,793,786
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COR 20 - 024 CMS Interoperability

Billings

	Month 1 Jun-21	Month 2 Jul-21	Month 3 Aug-21	SFY21	Month 4 Sep-21	Month 5 Oct-21	Month 6 Nov-21	Month 7 Dec-21	Month 8 Jan-22	Month 9 Feb-22	Month 10 Mar-22	SFY22	Total
Resource Billings: Tech Dev	66,605	312,393	331,872	710,871	338,513	338,513	341,260	338,513	338,513	297,384	67,523	2,060,220	2,771,091
Resource Billings: Tech Run/Operations	1,736	1,736	1,736	5,207	1,770	1,770	1,770	1,770	1,770	1,770	-	10,621	15,828
Resource Billings: Ops Dev	-	-	-	-	-	-	-	-	-	-	-	-	-
Resource Billings: Ops Run/Operations	-	-	-	-	-	-	-	-	-	-	-	-	-
3rd Party Billings	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Billings	68,341	314,129	333,608	716,077	340,283	340,283	343,030	340,283	340,283	299,155	67,523	2,070,841	2,786,919

COR 20 - 024 CMS Interoperability Resource Plan

Role	Team	TMHP Profile	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	SFY21 FTEs	SFY22 FTEs	SFY21 Hours	SFY22 Hours
			Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22				
Agile Platform Team	AS-PM		0.10	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.50	1.20	80	192
	AS-PM		0.25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.25	6.25	360	1,000
	AS-PM		0.25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.25	6.25	360	1,000
	AS-EDI-SD	Portal	0.25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.50	2.25	360	1,040
	PMO-Junior		0.10	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.18	-	0.50	80	188
	Database Administrator	TO-TI	-	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	-	0.50	80	240
	System Programmer	TO-CM	-	0.10	0.10	0.10	0.23	0.10	0.10	0.10	0.10	0.10	-	0.20	32	116
Scrum Master	AS-PM		-	0.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.50	5.50	240	880
	Sr. Business Analyst - Portal	AS-EDI-BA	0.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.50	2.50	6.00	400	960
	Business Analyst - Portal	AS-EDI-BA	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-	2.00	6.00	320	960
	Business Analyst - Portal	AS-Portal-BA	-	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	-	1.00	3.00	160	480
	Sr. Developer - Portal	AS-EDI-SD	0.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.50	2.50	6.00	400	960
	Developer - Portal	AS-EDI-SD	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	6.00	320	960
	Developer - Portal	AS-EDI-SD	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	6.00	320	960
Scrum Team 1	Sr. Business Analyst - Portal	AS-Portal-BA	0.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.50	2.50	6.00	400	960
	Business Analyst - Portal	AS-EDI-BA	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-	2.00	6.00	320	960
	Business Analyst - Portal	AS-Portal-BA	-	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	-	1.00	3.00	160	480
	Sr. Developer - Portal	AS-EDI-SD	0.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.50	2.50	6.50	400	1,040
	Developer - Portal	AS-Portal-SD	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-	2.00	6.00	320	960
	Developer - Portal	AS-EDI-SD	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	6.00	320	960
	Developer - Portal	AS-EDI-SD	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	6.00	320	960
Scrum Team 2	Sr. Business Analyst - Portal	AS-Portal-BA	0.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.50	2.50	6.00	400	960
	Business Analyst - Portal	AS-EDI-BA	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-	2.00	6.00	320	960
	Business Analyst - Portal	AS-Portal-BA	-	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	-	1.00	3.00	160	480
	Sr. Developer - Portal	AS-EDI-SD	0.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.50	2.50	6.50	400	1,040
	Developer - Portal	AS-Portal-SD	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-	2.00	6.00	320	960
	Developer - Portal	AS-EDI-SD	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	6.00	320	960
	Developer - Portal	AS-EDI-SD	-	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	6.00	320	960
Total Tech FTEs			2.95	15.25	16.25	16.25	16.38	16.25	16.25	16.25	14.23	3.00	34.45	98.60	5,512	15,776
Total Ops FTEs			0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	-	0.30	0.60	48	96
Business Operations Analyst Ops			0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	-	0.30	0.60	48	96

COR 20 - 024 CMS Interoperability Resource Billing Detail

Role	Team	Phase	FFP %	Pricing Method	Contract Yr 4 Rate	Contract Yr 5 Rate	Month 1 Jun-21	Month 2 Jul-21	Month 3 Aug-21	Month 4 Sep-21	Month 5 Oct-21	Month 6 Nov-21	Month 7 Dec-21	Month 8 Jan-22	Month 9 Feb-22	Month 10 Mar-22	SFY21	SFY22	
Program Manager	AS-PM	Development	90/10 - App Serv Fixed Fee Rate Card		\$ 271.44	\$ 276.87	4,343	8,686	8,686	8,686	8,686	8,686	8,686	8,686	8,686	8,686	21,715	53,159	
Project Manager	AS-PM	Development	90/10 - App Serv Fixed Fee Rate Card		\$ 173.60	\$ 177.08	6,944	27,776	27,776	28,333	28,333	28,333	28,333	28,333	28,333	28,333	28,333	62,496	177,080
Solution Architect	AS-PM	Development	90/10 - App Serv Fixed Fee Rate Card		\$ 182.16	\$ 185.81	7,286	29,146	29,146	29,730	29,730	29,730	29,730	29,730	29,730	29,730	29,730	65,578	185,810
Application Architect - Portal	AS-EDI-SD	Development	90/10 - App Serv Fixed Fee Rate Card		\$ 134.64	\$ 137.33	5,386	21,542	21,542	21,973	21,973	21,973	21,973	21,973	21,973	21,973	21,973	48,470	142,823
PMO Junior	PMO-	Development	90/10 - Ops - Fixed Fee Rate Card		\$ 90.58	\$ 92.39	1,449	2,899	2,899	2,956	2,956	2,956	2,956	2,956	2,956	2,956	2,956	7,246	17,369
Database Administrator	TO-TI	Development	90/10 - Plat Arch Fixed Fee Rate Card		\$ 122.54	\$ 124.99	-	4,902	4,902	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	9,803	29,998
System Programmer	TO-CM	Development	90/10 - Plat Arch Fixed Fee Rate Card		\$ 134.64	\$ 137.33	-	2,154	2,154	2,197	2,197	2,197	2,197	2,197	2,197	2,197	2,197	4,308	15,930
Scrum Master	AS-PM	Development	90/10 - App Serv Fixed Fee Rate Card		\$ 121.01	\$ 123.43	9,681	19,362	19,362	19,749	19,749	19,749	19,749	19,749	19,749	19,749	19,749	29,042	108,618
Sr. Business Analyst - Portal	AS-EDI-BA	Development	90/10 - App Serv Fixed Fee Rate Card		\$ 121.01	\$ 123.43	9,681	19,362	19,362	19,749	19,749	19,749	19,749	19,749	19,749	19,749	19,749	48,404	118,493
Business Analyst - Portal	AS-EDI-BA	Development	90/10 - App Serv Fixed Fee Rate Card		\$ 93.39	\$ 95.26	-	14,942	14,942	15,242	15,242	15,242	15,242	15,242	15,242	15,242	15,242	29,885	91,450
Business Analyst - Portal	AS-EDI-BA	Development	90/10 - App Serv Fixed Fee Rate Card		\$ 93.39	\$ 95.26	-	7,471	7,471	7,621	7,621	7,621	7,621	7,621	7,621	7,621	7,621	14,942	45,725
Business Analyst - Portal	AS-Portal-BA	Development	90/10 - App Serv Fixed Fee Rate Card		\$ 93.39	\$ 95.26	-	7,471	7,471	7,621	7,621	7,621	7,621	7,621	7,621	7,621	7,621	14,942	45,725
Sr. Developer - Portal	AS-EDI-SD	Development	90/10 - App Serv Fixed Fee Rate Card		\$ 136.47	\$ 139.20	10,918	21,835	21,835	22,272	22,272	22,272	22,272	22,272	22,272	22,272	22,272	54,588	133,632
Developer - Portal	AS-EDI-SD	Development	90/10 - App Serv Fixed Fee Rate Card		\$ 122.48	\$ 124.93	-	19,597	19,597	19,989	19,989	19,989	19,989	19,989	19,989	19,989	19,989	39,194	119,933
Developer - Portal	AS-EDI-SD	Development	90/10 - App Serv Fixed Fee Rate Card		\$ 122.48	\$ 124.93	-	19,597	19,597	19,989	19,989	19,989	19,989	19,989	19,989	19,989	19,989	39,194	119,933
Sr. Business Analyst - Portal	AS-Portal-BA	Development	90/10 - App Serv Fixed Fee Rate Card		\$ 121.01	\$ 123.43	9,681	19,362	19,362	19,749	19,749	19,749	19,749	19,749	19,749	19,749	19,749	48,404	118,493
Business Analyst - Portal	AS-EDI-BA	Development	90/10 - App Serv Fixed Fee Rate Card		\$ 93.39	\$ 95.26	-	14,942	14,942	15,242	15,242	15,242	15,242	15,242	15,242	15,242	15,242	29,885	91,450
Business Analyst - Portal	AS-Portal-BA	Development	90/10 - App Serv Fixed Fee Rate Card		\$ 93.39	\$ 95.26	-	7,471	7,471	7,621	7,621	7,621	7,621	7,621	7,621	7,621	7,621	14,942	45,725
Sr. Developer - Portal	AS-EDI-SD	Development	90/10 - App Serv Fixed Fee Rate Card		\$ 136.47	\$ 139.20	10,918	21,835	21,835	22,272	22,272	22,272	22,272	22,272	22,272	22,272	22,272	54,588	144,768
Developer - Portal	AS-EDI-SD	Development	90/10 - App Serv Fixed Fee Rate Card		\$ 122.48	\$ 124.93	-	19,597	19,597	19,989	19,989	19,989	19,989	19,989	19,989	19,989	19,989	39,194	119,933
Developer - Portal	AS-EDI-SD	Development	90/10 - App Serv Fixed Fee Rate Card		\$ 122.48	\$ 124.93	-	19,597	19,597	19,989	19,989	19,989	19,989	19,989	19,989	19,989	19,989	39,194	119,933
Developer - Portal	AS-EDI-SD	Development	90/10 - App Serv Fixed Fee Rate Card		\$ 122.48	\$ 124.93	-	9,798	9,798	9,994	9,994	9,994	9,994	9,994	9,994	9,994	9,994	9,798	59,966
Total Tech Resource Billings					\$ 66,605	\$ 312,393	331,872	338,513	338,513	341,260	338,513	338,513	338,513	338,513	338,513	338,513	710,871	2,060,220	
Business Operations Analyst	Ops	Development	75/25 - Ops - Fixed Fee Rate Card		\$ 108.47	\$ 110.64	1,736	1,736	1,736	1,770	1,770	1,770	1,770	1,770	1,770	1,770	1,770	5,207	10,621
Total Ops Resource Billings					\$ 108.47	\$ 110.64	1,736	1,736	1,736	1,770	1,770	1,770	1,770	1,770	1,770	1,770	1,770	5,207	10,621

**COR 20 - 024 CMS Interoperability
Ops Staffing Justification**

FTE Role/Title	Resource Plan Role	Team/ Department	Additional FTEs Required	# of Months	Justification	Metrics used to Determine # of FTEs Requested
Operations Business Analyst	Business Operations Analyst	Operations Project Office	0.50	9	<p>Manage and track the updating of applicable operations documentation (P&P, job aids, scripts, work instructions, internal training deliverables, external facing references, etc.)</p> <ul style="list-style-type: none"> - Create and manage the Operations work plan - Manage and track the updates and execution of applicable training materials - Monitor and track the updates for P&Ps and job aids/wikis <p>FTE necessary at beginning of project to participate in project initiation activities and Operations workplan development.</p>	<p>Ops BA to manage, and track the completion of Operations requirements defined for the project. Will also assist with any production activities, as needed. Will work with Technology and or functional areas in testing and trading partner testing efforts.</p>

**COR 20 - 024 CMS Interoperability
Agile Delivery Technology Team Temporary Staffing**

Resource Plan Row ID	FTE Role/Title	Resource Plan Role	Team/ Department	Justification
6	Agile Platform Team - Program Manager	Program Manager	AS-PM	Manage program performance, including communication with customers and adherence among solutions and technology architecture goals for the Project. Provide day-to-day oversight to Project Manager during development of the Project. Provide scope, risk, and issue status reports to Project Manager.
7	Agile Platform Team - Project Manager	Project Manager	AS-PM	Manage the effective implementation of each project requirement. Manage Project scope, risks, and issues. Manage team mobilization at Project initiation and demobilization at Project conclusion, including transition to technology operations. Manage day-to-day activities for the Project. Escalate de very challenges appropriate to Program Manager and Project stakeholders.
8	Agile Platform Team - Solution Architect	Solution Architect	AS-Portal-BA	Help define the entire end-to-end business and technical solution for the Project and assists the Project Manager and Product Owner through the systems development process. Develop SDU, SRS, and other artifacts. Provide technical expertise and guidance. Develop solutions that include scope, effort estimates, costs, schedule assumptions, and risks. Support any significant re-planning effort during delivery of the Project.
9	Agile Platform Team - Application Architect	Application Architect - Portal	AS-Portal-SD	FTE necessary through final project deployment to address all sprints and demos for Agile delivery. Establish the technical solutions for modifications to Portal system applications required for the Project. Provide technical expertise and guidance. Develop technical design plan, reviews, and validate that technical designs support Project objectives and functional requirements in Project delivery. Develop reusable approaches and process improvements.
10	Agile Platform Team - Application Architect	Application Architect - V21	AS-MDAT-SD	Establish the technical solutions for modifications to V21 system applications required for the Project. Assist with the development of detailed designs, perform code and test plan reviews, and validate that technical designs support Project objectives and functional requirements in Project delivery. Develop reusable approaches and process improvements.
11	Agile Platform Team - PMO Support	PMO Junior	PMO-	Monitor and support standards, methods, and processes used for the Project. Maintain, analyze and report metrics related to the Project. Develop recommendations for performance improvement.
12	Agile Platform Team - DBA	Database Administrator	TO-DBA	Collaborate to deploy technology solutions and troubleshoot technology issues related to the Project.
13	Agile Platform Team - Configuration Management	Programmer Analyst	TO-OM	Assist teams to address access issues, backup procedures, performance, and capacity planning required for the Project. Complete configuration management, troubleshooting, and deployment activities related to the Project.
14	Agile Scrum Team - Scrum Master	Scrum Master	AS-PM	Establish and maintain the Scrum process and follows the processes and practices that the team agrees they will use. Responsibilities of this role include clearing obstacles, establishing an environment where the team can be effective, addressing team dynamics, ensuring a good relationship between the team and product owner as well as others outside the team, protecting the team from outside interruptions and distraction.
15	Agile Scrum Team	Sr. Business Analyst - Portal	AS-Portal-BA	One-half (0.5) to one and one-half (1.5) FTE necessary based on size, duration, and complexity of project. Subject matter expert regarding analysis and testing activities for Portal system modifications. Using subject matter expertise and experience, perform analysis and testing activities of more complex components to support Portal systems modifications required for the Project. Facilitate meetings with primary State stakeholders to confirm requirements and test plans and work with stakeholders to obtain deliverable sign-offs. Provide guidance and support to business analysts.
16,17, 21	Agile Scrum Team	Business Analyst - Portal	AS-Portal-BA	Senior level FTE necessary based on size and complexity of project. Performs analysis and testing activities to support Portal system modifications. Participate in meetings with primary State stakeholders to confirm requirements and test plans and work with stakeholders to obtain deliverable sign-offs.
18	Agile Scrum Team	Sr. Developer - Portal	AS-Portal-SD	Three resources necessary to deliver project hours within project duration. Lead junior developers and serve as a subject matter expert for key software development, maintenance, and testing activities for the Project. Perform Portal software design, coding, and testing per approved detailed technical designs and test plans. Resolve issues and defects identified during Product and User Acceptance testing.
19,20, 22, 23	Agile Scrum Team	Developer - Portal	AS-Portal-SD	Senior level FTE necessary based on size and complexity of project. Perform Portal software design, coding, and testing per approved detailed technical designs and test plans. Resolve issues and defects identified during Product and User Acceptance testing.
24	Agile Scrum Team	Business Analyst - V21	AS-MDAT-BA	Four resources necessary to deliver project hours within project duration. Perform analysis and testing activities to support V21 systems modifications. Participate in meetings with primary State stakeholders to confirm requirements and test plans and work with stakeholders to obtain deliverable sign-offs.
25	Agile Scrum Team	Sr. Developer - V21	AS-MDAT-SD	Lead junior developers and serve as a subject matter expert for key software development, maintenance, and testing activities for the Project. Perform V21 software design, coding, and testing per approved detailed technical designs and test plans. Resolve issues and defects identified during Product and User Acceptance testing.
26	Agile Scrum Team	Developer - V21	AS-MDAT-SD	Senior level FTE necessary based on size and complexity of project. Perform V21 software design, coding, and testing per approved detailed technical designs and test plans. Resolve issues and defects identified during Product and User Acceptance testing.

**COR 20 - 024 CMS Interoperability
HHSC HW/SW Expense**

LN	Quantity	Item Type	Item Description	Position	Usage Justification	Profile	Annual Support Offered	Jun-21	Jul-21	Aug-21	SFY21	Total
1	1	Software Certificate	HTTPS Cert fcacls 2 year term	NA - Technology	Server identity certificate required for secure connections	NA - Technology	Yes					
2	1	Software Certificate	HTTPS Cert fcacls 1 year term (if needed)	NA - Technology	Server identity certificate required for secure connections	NA - Technology	Yes					
3	1	Software Subscription	Xenlige Server Module for FHIR, Xenlige Server Connect, Xenlige Server Manager (Annual On-Premise), FHIR Application Certification Program (Annual SaaS)	NA - Technology	Xenlige software for processing and delivering FHIR data	NA - Technology	Yes					
4	1	Software Services	Edifecs License and Professional Service Cost	NA - Technology	Edifecs License and Professional Service Cost	NA - Technology	Yes					
5	1	Workstation Hardware	Notel Security Wedge Lock	Business Analyst - Portal	Laptop lock used by TMHP team member.	CIO/AS-BSB Business Analyst	No	99	99		99	99
6	1	Workstation Hardware	Notel Security Wedge Lock	Business Analyst - Portal	Laptop lock used by TMHP team member.	CIO/AS-BSB Business Analyst	No	2,847	2,847		2,847	2,847
7	1	Workstation Hardware	Notel Security Wedge Lock	Developer - Portal	Laptop lock used by TMHP team member.	CIO/AS-Developer	No	99	99		99	99
8	3	Workstation Hardware	Dell Latitude 5500 Notebooks	Developer - Portal	Laptop used by TMHP team member.	CIO/AS-Developer	No	2,847	2,847		2,847	2,847
9	1	Workstation Hardware	Dell OptiPlex 7050 MME, Dell 24 Monitor, & Antivirus	Business Operations Analyst	Basic PC and Monitor used by TMHP team member.	OPS-Business Analyst	No					
10	3	Hardware	Virtual Machine 8Gb RAM and 80Gb disk space for application (Windows Server 24GB)	NA - Technology	Production Xenlige servers for FHIR data in high availability, disaster recovery configuration	NA - Technology	Yes	975				975
11	48	Hardware	Additional Memory \$50/GB (Windows Server 24GB)	NA - Technology	Disk space for server software and data files	NA - Technology	Yes					
12	300	Hardware	Additional Disk Space (Windows Server 24GB)	NA - Technology	Disk space for server software and data files	NA - Technology	Yes					
13	600	Hardware	Additional Memory \$50/GB (Windows Server 6GB)	NA - Technology	Dev, Test, and Regression Xenlige servers for FHIR data; regression is same high availability configuration as production for accurate testing	NA - Technology	Yes					
14	4	Hardware	Virtual Machine 8Gb RAM and 80Gb disk space for application (Windows Server 6GB)	NA - Technology	Additional memory for each of the 2 regression servers	NA - Technology	Yes					
15	32	Hardware	Additional Memory \$50/GB (Windows Server 24GB)	NA - Technology	Disk space for server software and data files	NA - Technology	Yes					
16	400	Hardware	Additional Disk Space (Windows Server 6GB)	NA - Technology	Backup space for production FHIR database storage on existing database servers	NA - Technology	Yes					
17	800	Hardware	Additional Backup Space (Windows Server 6GB)	NA - Technology	Backup space is twice that of active space	NA - Technology	Yes					
18	4,000	Hardware	Additional Disk Space (Production)	NA - Technology	Disk space for production FHIR database storage on existing database servers	NA - Technology	Yes					
19	6,000	Hardware	Additional Backup Space (Production)	NA - Technology	Backup space is twice that of active space	NA - Technology	Yes					
20	2,000	Hardware	Additional Disk Space (Dev, UAT, Production)	NA - Technology	Disk space for dev, test, and regression FHIR database storage on existing database servers	NA - Technology	Yes					
21	4,000	Hardware	Additional Backup Space (Dev, UAT, Production)	NA - Technology	Backup space is twice that of active space	NA - Technology	Yes					
22	31,000	Hardware	Additional Disk Space (FHIR Files - Production)	NA - Technology	Disk space for production FHIR files	NA - Technology	Yes					
23	62,000	Hardware	Additional Backup Space (FHIR Files - Production)	NA - Technology	Backup space is twice that of active space	NA - Technology	Yes					
24	2,000	Hardware	Additional Disk Space (SHIR Files - Dev, Test, UAT)	NA - Technology	Disk space for dev, test, and regression FHIR files	NA - Technology	Yes					
25	4,000	Hardware	Additional Backup Space (SHIR Files - Dev, Test, UAT)	NA - Technology	Backup space is twice that of active space	NA - Technology	Yes					
Total HHSC HW/SW Expense								975	5,892	-	6,867	6,867

COR 20 - 024 CMS Interoperability				
	50% FFP	75% FFP	90% FFP	Total
Total Federal Share	-	11,871	2,500,162	2,512,033
Total State Share	-	3,957	277,796	281,753
Total Project Cost	-	15,828	2,777,958	2,793,786

COR 20 - 024 CMS Interoperability (by Federal Fiscal Year)			
	FFY21	FFY22	Total
Total Federal Share	955,859	1,556,174	2,512,033
Total State Share	107,369	174,383	281,753
Total Project Cost	1,063,228	1,730,558	2,793,786

**COR 20 - 024 CMS Interoperability
FFP Summary (Extension)**

<i>Title XIX TMMIS FFY 2021 Federal Funding Participation Allocation: APD Related</i>			
Allocation Category	State Portion	Federal Portion	Total Federal & State
Non-TMMIS 50/50 FFP	\$ -	\$ -	\$ -
TMMIS Related 50/50 FFP	\$ -	\$ -	\$ -
TMMIS Related 75/25 FFP	\$ 1,744	\$ 5,233	\$ 6,977
TMMIS Related 90/10 FFP	\$ 105,625	\$ 950,626	\$ 1,056,251
Total Cost Title XIX FFY 2021	\$ 107,369	\$ 955,859	\$ 1,063,228

<i>Title XIX TMMIS FFY 2022 Federal Funding Participation Allocation: APD Related</i>			
Allocation Category	State Portion	Federal Portion	Total Federal & State
Non-TMMIS 50/50 FFP	\$ -	\$ -	\$ -
TMMIS Related 50/50 FFP	\$ -	\$ -	\$ -
TMMIS Related 75/25 FFP	\$ 2,213	\$ 6,638	\$ 8,851
TMMIS Related 90/10 FFP	\$ 172,171	\$ 1,549,536	\$ 1,721,707
Total Cost Title XIX FFY 2022	\$ 174,383	\$ 1,556,174	\$ 1,730,558

<i>Title XIX TMMIS Total Federal Funding Participation Allocation: APD Related</i>			
Allocation Category	State Portion	Federal Portion	Total Federal & State
Non-TMMIS 50/50 FFP	\$ -	\$ -	\$ -
TMMIS Related 50/50 FFP	\$ -	\$ -	\$ -
TMMIS Related 75/25 FFP	\$ 3,957	\$ 11,871	\$ 15,828
TMMIS Related 90/10 FFP	\$ 277,796	\$ 2,500,162	\$ 2,777,958
Total Cost Title XIX Total	\$ 281,753	\$ 2,512,033	\$ 2,793,786

COR 20 - 024 CMS Interoperability

APD Budget

	Match	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	FFY21	FFY22	TOTAL
Application Services														
Personnel	90%	65,156	302,439	321,918	328,360	328,360	328,360	328,360	328,360	287,601	67,523	1,017,873	1,668,563	2,686,435
	75%	-	-	-	-	-	-	-	-	-	-	-	-	-
	50%	-	-	-	-	-	-	-	-	-	-	-	-	-
Other														
Other														
Office Supplies														
Sub-Total		65,156	302,439	321,918	328,360	328,360	328,360	328,360	328,360	287,601	67,523	1,017,873	1,668,563	2,686,435
Platform Architecture														
Personnel	90%	-	7,056	7,056	7,197	7,197	9,943	7,197	7,197	7,197	-	21,309	38,731	60,040
	75%	-	-	-	-	-	-	-	-	-	-	-	-	-
	50%	-	-	-	-	-	-	-	-	-	-	-	-	-
Other														
Other														
Office Supplies														
Sub-Total		-	7,056	7,056	7,197	7,197	9,943	7,197	7,197	7,197	-	21,309	38,731	60,040
Operations														
Personnel	90%	1,449	2,899	2,899	2,956	2,956	2,956	2,956	2,956	2,587	-	10,203	14,413	24,616
	75%	1,736	1,736	1,736	1,770	1,770	1,770	1,770	1,770	1,770	-	6,977	8,851	15,828
	50%	-	-	-	-	-	-	-	-	-	-	-	-	-
Other														
Other														
Office Supplies														
Sub-Total		3,185	4,634	4,634	4,727	4,727	4,727	4,727	4,727	4,357	-	17,180	23,264	40,444
HWSW														
HW	90%	975	5,892	-	-	-	-	-	-	-	-	6,867	-	6,867
	75%	-	-	-	-	-	-	-	-	-	-	-	-	-
	50%	975	5,892	-	-	-	-	-	-	-	-	6,867	-	6,867
Sub-Total		975	5,892	-	-	-	-	-	-	-	-	6,867	-	6,867
Total		69,316	320,021	333,608	340,283	340,283	343,030	340,283	340,283	299,155	67,523	1,063,228	1,730,558	2,793,786
Total Allocation														
90%		67,580	318,285	331,872	338,513	338,513	341,260	338,513	338,513	297,384	67,523	1,056,251	1,721,707	2,777,958
75%		1,736	1,736	1,736	1,770	1,770	1,770	1,770	1,770	1,770	-	6,977	8,851	15,828
50%		-	-	-	-	-	-	-	-	-	-	-	-	-
Federal Share		62,124	287,758	299,987	305,990	305,990	308,462	305,990	305,990	288,974	60,771	955,859	1,556,174	2,512,033
State Share		7,192	32,262	33,621	34,294	34,294	34,569	34,294	34,294	30,181	6,752	107,369	174,383	281,753

COR 20 024 CMS Interoperability

HHSC-HW/SW Expense

Qty	Item	Year	Item Description	Position	Usage / Utilization	Purchase Inframa	Profile	Annual Support Offered	Capital Authority FFP%	Jun-21	Jul-21	Aug-21	oth
1	Software Cert Lic		HTTPS Cert Exts, 2 year term	N/A - Technology	Server identity certificate required for secure connections	Development	N/A - Technology	Yes	75%	-	-	-	-
1	Software Cert Lic		HTTPS Cert Exts, 1 year term (Renewal)	N/A - Technology	Server identity certificate required for secure connections	Development	N/A - Technology	Yes	75%	-	-	-	-
3	Software Cert Lic		Server Manager (Annual On-Premises), FHR Application Certification Program (Annual Stats)	N/A - Technology	Single solution for provisioning and managing FHR data	Development	N/A - Technology	Yes	90%	-	-	-	-
1	Software Services		Erlics License and Proximal Service Cost	N/A - Technology	Erlics License and Proximal Service Cost	Development	N/A - Technology	Yes	90%	-	-	-	-
5	Workstation Hardware		Need Security Weight Lock	Business Analyst - Portal	Laptop used by TMRP team member.	Development	CCAS/BS2 Business Analyst	No	90%	-	99	-	99
0	Workstation Hardware		Dell Latitude 5500 Notebooks	Business Analyst - Portal	Laptop used by TMRP team member.	Development	CCAS/BS2 Business Analyst	No	90%	2,877	-	-	2,847
3	Workstation Hardware		Dell Latitude 5500 Notebooks	Developer - Portal	Laptop used by TMRP team member.	Development	CCAS Developer	No	90%	-	-	-	-
8	Workstation Hardware		Dell Latitude 5500 Notebooks	Business Operator Analyst	Business Operator Analyst	Development	OTRS Business Analyst	No	90%	875	-	-	875
9	Workstation Hardware		Dell Latitude 5500 Notebooks	N/A - Technology	Business Analyst - Portal	Development	N/A - Technology	Yes	90%	-	-	-	-
10	Hardware		Virtual Machine ISO: RAM and 60GB disk space for application (Windows Server 2 GB)	N/A - Technology	Production XenVM servers for FHR data in high availability, disaster recovery configuration	Development	N/A - Technology	Yes	90%	-	-	-	-
12	Hardware		Additional Backup Space (Windows Server 2 GB)	N/A - Technology	Disk space for server software and data files	Development	N/A - Technology	Yes	90%	-	-	-	-
13	Hardware		Virtual Machine ISO: RAM and 60GB disk space for application (Windows Server 6GB)	N/A - Technology	Production XenVM servers for FHR data, regression is same high availability configuration	Development	N/A - Technology	Yes	90%	-	-	-	-
1	Hardware		Additional Memory 8GB (Windows Server 2 GB)	N/A - Technology	Additional memory for each of the 2 regression servers	Development	N/A - Technology	Yes	90%	-	-	-	-
15	Hardware		Additional Backup Space (Windows Server 2 GB)	N/A - Technology	Disk space for server software and data files	Development	N/A - Technology	Yes	90%	-	-	-	-
17	Hardware		Additional Backup Space (Windows Server 6GB)	N/A - Technology	Disk space for server software and data files	Development	N/A - Technology	Yes	90%	-	-	-	-
18	Hardware		Additional Backup Space (Production)	N/A - Technology	Disk space or production FHR database storage on existing database servers	Development	N/A - Technology	Yes	90%	-	-	-	-
19	Hardware		Additional Backup Space (Production)	N/A - Technology	Disk space or production FHR database storage on existing database servers	Development	N/A - Technology	Yes	90%	-	-	-	-
20	Hardware		Additional Backup Space (Development)	N/A - Technology	Disk space or production FHR files	Development	N/A - Technology	Yes	90%	-	-	-	-
21	Hardware		Additional Backup Space (Dev, UAT, Production)	N/A - Technology	Disk space or production FHR files	Development	N/A - Technology	Yes	90%	-	-	-	-
31,000	Hardware		Additional Backup Space (FHR File - Production)	N/A - Technology	Disk space or production FHR files	Development	N/A - Technology	Yes	90%	-	-	-	-
23	Hardware		Additional Backup Space (FHR File - Production)	N/A - Technology	Disk space or production FHR files	Development	N/A - Technology	Yes	90%	-	-	-	-
24	Hardware		Additional Backup Space (FHR File - Dev, Test, UAT)	N/A - Technology	Disk space or production FHR files	Development	N/A - Technology	Yes	90%	-	-	-	-
25	Hardware		Additional Backup Space (FHR File - Dev, Test, UAT)	N/A - Technology	Disk space or production FHR files	Development	N/A - Technology	Yes	90%	-	-	-	-

Total HHSC HW/SW Expense

975 - 5,892

5,927

Item	Qty	Rate	Total
SW	975	5,892	5,892
SW	975	5,892	5,892
General Admin (Microsoft)	-	-	-
Freemove	-	-	-
HW Asset	75	-	75
SW (CGI/SSW Asset)	-	-	-
General Admin (Microsoft)	-	-	-
Freemove	-	-	-
Cap Auth	975	5,892	5,892
Merit	-	-	-
Cap Auth	75	-	75
Merit	-	-	-

**COR 20 - 024 CMS Interoperability
HW-SW Capital Authority Summary**

<i>Title XIX TMMIS Capital Authority Allocation: APD Related</i>			
State Fiscal Year	Capital Auth. Portion	Maint. Portion	Total
SFY 2021	\$ 6,669	\$ 198	\$ 6,867
Total Cost Title XIX	\$ 6,669	\$ 198	\$ 6,867