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Migration of Maryland Health Connection to MD THINK

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MD THINK: Overview

What is it?

MD THINK, or the Maryland Total Human Services Integrated Network, is a $200-million initiative through the Governor's office to:

- **Modernize existing systems**
- **Improve access to human services**
- **Enable data-sharing between agencies**

The Centers for Medicare & Medicaid Services (CMS) is paying for most of the project to improve efficiency and integration across Medicaid-funded programs.

What is the benefit of moving to MD THINK?

MHBE has long planned to move to a cloud-based platform. Its inclusion in MD THINK will provide access to Amazon Web Services (AWS) and a more agile CI / CD environment (Continuous Integration / Continuous Deployment).

MD THINK: Timeline

What is the timeline?

MHBE will move in a two-step approach to help ensure that the Exchange is fully prepared for open enrollment on **Nov. 1, 2019**:

- **Phase 1**, which will provide MHBE access to the Amazon Web Services cloud, is due to be complete by **May 2019**.

- **Phase 2** is due to be complete by **September 2019**.

MDThink: Potential Issues

What will the change mean to MHBE?

- MHBE will no longer have direct control over some critical functions, such as system availability.
- The Board of Trustees will have no authority over MD THINK or the vendors it procures.
- The HBX may be impacted by system-wide changes outside of MHBE's control.

How are those details being worked out?

- MHBE, DHS (which is responsible for development of the project), MDH and DoIT have developed a Memorandum of Understanding to specify conditions, requirements and terms for migrating.
- A separate Interagency Agreement will be drafted this winter to address the ongoing operational issues prior to Go-Live.
- Significant issues that remain to be worked out include:
  - ❏ **Data sharing between agencies**
  - ❏ **Change control processes**

MD THINK: Timeline, Finance

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What happens if the timeline slips?

- If the schedule were to slip by a month or two MHBE could still finish a Phase 1 go-live and not jeopardize the Nov. 1 open enrollment.
- In the event of such a delay, Phase 2 implementation may be delayed until after open enrollment.
- In addition, MHBE may need to extend its existing contract with Conduent beyond its scheduled conclusion in May 2019 for a bridge period of 60-90 days to decommission hardware, transfer data, etc.

What is the financial impact to MHBE of moving to MD THINK?

- CMS / DHS will fund the migration in an amount not to exceed $5.3 million.
- The ongoing operational costs have not yet been determined.
- DHS/DoIT/MDH and the Department of Budget and Management will need to detail ongoing operational costs prior to the execution of an operational MOU.

MD THINK: Action item

MHBE staff requests the board authorize the MHBE Executive Director to enter into an MOU for migration of the HBX to the MD THINK platform.

QUESTIONS?

MHBE IDIQ Resources

Background

IT consulting and technical support services are procured through competitive and cost effective Indefinite Quantity, Indefinite Delivery (IDIQ) contract.

The current IDIQ Contract NTE Amount for FY 2019 is **$21,555,000**. MD THINK project funding for the MHBE IDIQ resources to perform HBX Migration Phase 1 and Phase 2 is **$5,308,800.**

The MHBE shall issue Task Orders to its IDIQ master vendors to hire resources with expertise in **System Architecture**, **Project Management**, **Application Development**, **Testing & Quality Assurance**, **Reporting**, **Data Management**, **Security** and **System Administration** to perform the MHBE HBX Migration tasks.

IDIQ NTE Increase Request

MHBE Board Approval Request:

MHBE requests the Board's approval to increase the total Not-To-Exceed (NTE) Amount of the FY 2019 Indefinite Delivery Indefinite Quantity (IDIQ) budget by **$5,308,000** from **$21,555,000 to $26,863,800**.

Description	Total ($)	Federal ($)	State ($)
FY 2019 NTE Amount (Approved)	21,555,000	15,015,600	5,984,400
NTE increase for HBX Migration to MD THINK Platform (Requested)	5,308,800	To be reimbursable by DHS at 100%	
FY 2019 NTE Amount after approval	**26,863,800**	**$15,015,600**	**5,984,400**

MD THINK: IDIQ Action item

MHBE staff requests the board APPROVE an increase to the IDIQ budget of $5,308,800 dollars for a new not-to-exceed amount of $26,863,800.

QUESTIONS?

APPENDIX

Implementation Approach

HBX Migration to MD THINK Platform

Phase 1
Critical Path Implementation

Build and configure MHBE components in MD THINK shared infrastructure:

- Servers & Network Configurations
- Enterprise Service Bus (ESB)
- Corticon Rules Engine
- Security
- CI/CD Integration

Phase 2
Non-critical Path Integration

Integrate:

- Enterprise Content Management
- Master Data Management (MDM)
- SmartyStreets Address Validation

PHASE 1
Critical Path Implementation Timeline

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Nov 19 - Dec 10

End to End Design & Architecture Workshops

Dec 10 - Feb 15

Development Environment Build out & Testing

Dec 8 - Jan 13

Application Updates for CI/CD

Jan 28 - Mar 20

Build out end to end INT/UAT/TRN environments & Testing

Feb 25 - May 15

STG & PROD Build-out & Testing

Mar 15 - May 15

CMS/IRS Approvals

Phase 1 Go-Live

Phase 1 Implementation Kick-Off

Checkpoint: Assess status and approve CI/CD as part of Phase 1

Today

| Nov | Dec | Jan | Feb | Mar | Apr | May |

2018   **Nov 20**   **2019**   **Feb 15**   **May 15**

PHASE 2
Non-critical Integration Timeline

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Feb 1-15 Design / Architecture sessions for MDM, ECM & Smarty Streets integration

Feb 15 - Mar 30 Code changes to support MDM, ECM & Smarty Streets integration

Mar 30 - Apr 30 Testing of Development Environment with integrations

May 1 - Jul 5 Buildout of ECM, MDM integrated INT/UAT/TRN

Jul 5 - Sep 5 Build/Validate in STG and PROD

Kick-off Phase 2 integration projects

Phase 1 Go-Live

Phase 2 Go-Live

OE Code Freeze

2019

| Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct |

2019

Feb 1 **May 15** **Sep 15**