Chris Steller

From:	Eichten, Jon (MNIT) <jon.eichten@state.mn.us>
Sent:	Friday, October 11, 2019 3:22 PM
To:	Sen. Mary Kiffmeyer; Rep.Michael Nelson; Rep.Mike Freiberg
Cc:	Rep.Tony Albright; Rep.Nick Zerwas; sen.jim.carlson@senate.mn; Paul Carlson; Jim Gelbmann; Amanda Rudolph
Subject:	MNIT Services Mandated Report
Attachments:	MNITEnterpriseProjectPortfolio102019-FINALr.pdf; Transmission Letter - 16E.0466 Subd. 2 Mandated Report 2019.pdf

Members and staff,
Please find attached a mandated report from Minnesota IT Services pursuant to MN Statutes 16E.0466 Subd. 2. Please let me know if you have any questions or would like to discuss the contents of this report.
Best regards,
Jon

Jon Eichten
Deputy Commissioner

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1

October 11, 2019

Senator Mary Kiffmeyer   Representative Mike Nelson
Chair, State Government Finance and Policy and Elections   Chair, State Government Finance
Minnesota Senate   Minnesota House of Representatives
95 University Ave. W   100 Rev. Dr. Martin Luther King Jr. Blvd.
Saint Paul, MN 55155   Saint Paul, MN 55155

Representative Mike Freiberg
Chair, Government Operations
Minnesota House of Representatives
100 Rev. Dr. Martin Luther King Jr. Blvd.
Saint Paul, MN 55155

Senators and Representatives,

Pursuant to Minnesota Statutes Section 16E.0466 Subd. 2, please find attached an IT Project Portfolio report from Minnesota IT Services.

This report details the portfolio of IT projects initiated with the Office of MN.IT Services between October 2018 and September 2019, including information on overall project timeline, budget, status, and associated operations and maintenance costs.

Please contact my office if you have any questions about this report or would like any additional information.

Sincerely,

Tarek Tomes
Commissioner and State Chief Information Officer

CC: Sen. Jim Carlson, Rep. Nick Zerwas, Rep. Tony Albright

658 Cedar Street, St. Paul, MN 55155

IT Project Portfolio Summary

Projects Initiated between October 2018 and September 2019

October 2019

MNIT Services
enterprise Program Management Office (ePMO)
658 Cedar Street, 2nd Floor
St. Paul, MN 55105

Executive Summary

The Minnesota IT Services (MNIT) enterprise Program Management Office (ePMO) compiled the following project portfolio report in accordance with Minnesota State Statute 16E.0466.

The report details the portfolio of IT projects that MNIT manages for the Executive Branch Agencies. The reporting period is from October 2018 through September 2019. It includes all projects initiated by MNIT project management offices (PMOs) during that time period that were expected to have an estimated budget of at least $25,000. Projects expected to cost less than $25,000 are not required to be registered with the MNIT ePMO.

IT Portfolio and Project Management – An Enterprise View

MNIT supports its Executive-Branch agency partners by managing and delivering projects that have a significant IT component. To best meet the specific needs of each business partner, most projects in the portfolio are managed "locally" by an agency-based MNIT project management office (PMO). Project initiation, prioritization, and governance remain functions of each agency's business leaders and funding decisions for projects and project prioritization are largely performed by business leaders within the context of their specific organizations.
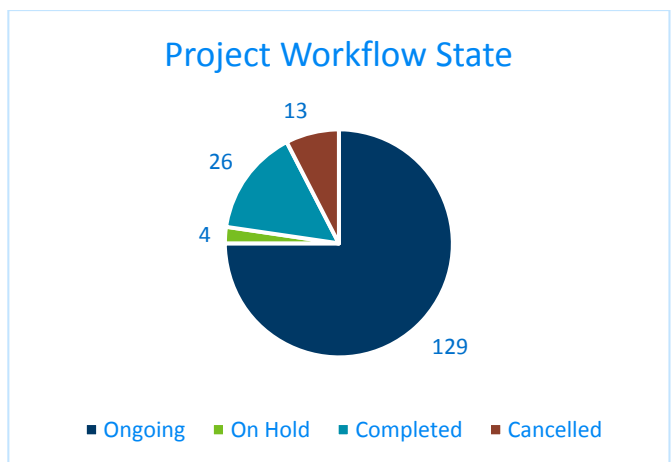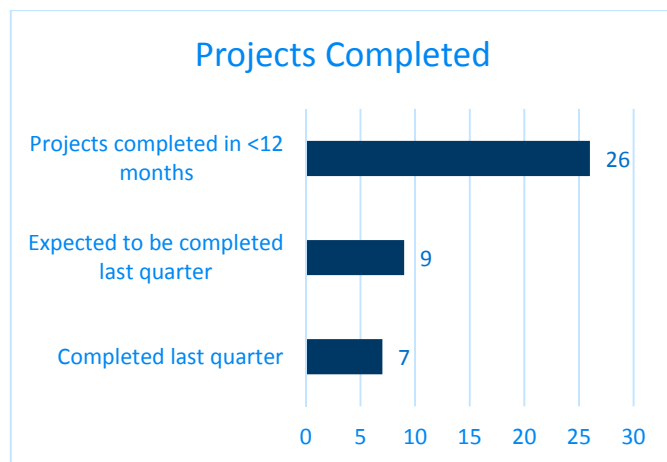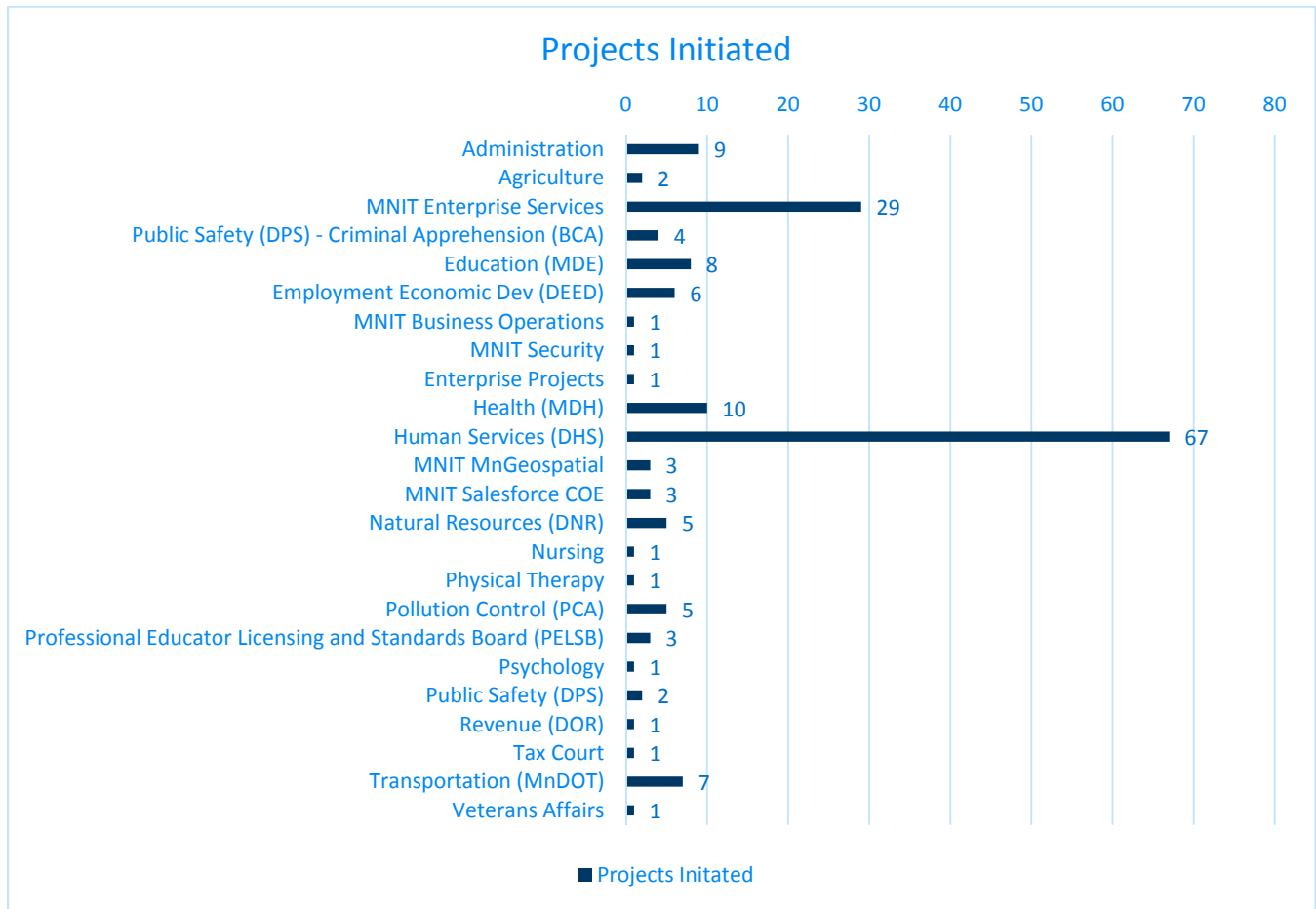
Projects with an estimated budget of at least $25,000 are registered in the MNIT project portfolio "tool-of-record." Basic descriptive information is provided upon registration and the project status is updated at least monthly by the agency-based PMOs. This provides an enterprise view of the statewide IT project portfolio's breadth, depth, and health to MNIT senior leadership, the state legislature, and the governor's office. These monthly updates focus on the projects' progress and health from an IT perspective, but not on the projects' respective business value(s).

The ePMO monitors the statewide portfolio and reports up to MNIT's senior leadership to ensure the State CIO is informed of the projects MNIT is delivering for the benefit of its executive branch partners. Due to the size of the statewide portfolio and the ePMO's limited resources, compliance with applicable statutes, polices, standards and expectations is the responsibility of the MNIT Chief Business Technology Officers (CBTOs).

The ePMO is improving processes for project portfolio oversight and reporting. Improvements to enterprise project oversight have been incremental. In 2015, the ePMO implemented the project portfolio tool-of-record. In 2019, the ePMO improved key processes in response to audit findings from the Office of Legislative Auditing (OLA). It also developed a Master Contract Program to expedite statutorily-required independent risk assessments and audits of high-dollar projects. In 2020, the ePMO will focus on collecting more nuanced information about the projects in the statewide portfolio. This will allow for segmenting and reporting on the portfolio in more meaningful ways. The ePMO will also be focusing on mitigating risk by monitoring how projects plan for security early in a project's lifecycle and ensuring projects comply with applicable security policies and standards. Ensuring and enforcing compliance will continue to reside with the MNIT CBTOs.

Project Portfolio Overview

MNIT PMO's reported a total of 172 projects that were initiated between October 2018 and September 2019 and expected to cost at least $25,000.

Projects Initiated

Department	Projects Initiated
Administration	9
Agriculture	2
MNIT Enterprise Services	29
Public Safety (DPS) - Criminal Apprehension (BCA)	4
Education (MDE)	8
Employment Economic Dev (DEED)	6
MNIT Business Operations	1
MNIT Security	1
Enterprise Projects	1
Health (MDH)	10
Human Services (DHS)	67
MNIT MnGeospatial	3
MNIT Salesforce COE	3
Natural Resources (DNR)	5
Nursing	1
Physical Therapy	1
Pollution Control (PCA)	5
Professional Educator Licensing and Standards Board (PELSB)	3
Psychology	1
Public Safety (DPS)	2
Revenue (DOR)	1
Tax Court	1
Transportation (MnDOT)	7
Veterans Affairs	1

■ Projects Initated

Projects Completed

Projects completed in <12 months	26
Expected to be completed last quarter	9
Completed last quarter	7

Project Workflow State

State	Value
Ongoing	129
On Hold	4
Completed	26
Cancelled	13

■ Ongoing ■ On Hold ■ Completed ■ Cancelled

Source: Sciforma 09/ 2019

Report Content

The information included in the report is based on the September 2019 project status updates submitted by MNIT PMOs. The information headings are as follows:

- **Agency**

  The Executive Branch agency that is fiscally responsible for the project

- **Name**

  The project's identifying name, as determined by the agency-based MNIT PMO.

- **Description**

  A concise project summary, including its main expected outcomes.

- **Start Date**

  The project's anticipated start date, as determined by the project sponsor and/or senior stakeholders.

- **Finish Date**

  The project's anticipated finish date, as determined by the project manager and project sponsor (and/or senior stakeholders). If the finish date is blank, the project is in its planning phase and the end date has not yet been determined.

- **Estimated Budget**

  Total expected project costs, including direct staff costs, all supplemental contract staff and vendor costs, hardware costs, and software development or purchase costs. This may be $0 if the project is in its initiation or planning phase, and costs have not yet been determined.

- **IT Support and Maintenance Cost (annual)**

  Projected costs for ongoing support and maintenance of IT components after the project is completed. This is expressed as an annual figure. This may be $0 if the project is in its initiation or planning phase, and costs have not yet been determined, or if the project deliverables will not need ongoing support and maintenance.

- **Workflow State**

  Indicates if the project is:
  - ONGOING: Project work is underway.
  - ON HOLD: Project work has been suspended, but is planned to resume.
  - COMPLETED: Project is complete.
  - CANCELLED: The project was cancelled. (Could be for a variety of reasons.)

- **Project Overall**

  The project manager's subjective assessment of the project's health at the time of the status update. The project's overall status is reported for Ongoing projects by using a green, yellow, or red color assignation, which indicate the following:
  - GREEN: Project is controlled, in alignment, and going as planned.
  - YELLOW: Caution, there is a slight deviation from the plan. Corrective actions may be needed or are already underway.
  - RED: Project has deviated significantly from the plan. Corrective actions are needed or change-control processes may be required to adjust the project's scope, schedule, or budget.

  Please note: Overall status does not apply to projects that are On Hold, Completed, or Canceled.

Row	Agency	Name	Description	Start Date	Finish Date	Estimated Budget	IT Support and Maintenance Cost (annual)	Workflow State	Project Overall
1	Administration	Admin Enterprise Construction Vendor Management System (Phase 1 Scoping & Estimation)	Replace the legacy system with new developed one. This system helps the Agency to receive and track Construction and other Projects across the State. The agency handles approximately 300 projects a year. So this system is the "backbone" of the Agency work. Phase I scope includes requirements, scoping, estimation and planning. Phase 2 scope includes building, testing and implementation.	11/1/18	2/1/19	$0.00	$0.00	Completed	NA
2	Administration	Admin Enterprise Construction Vendor Management System (Phase 2 Build and Deploy)	Replace the legacy system with new developed one. This system helps the Agency to receive and track Construction and other Projects across the State. The agency handles approximately 300 projects a year. So this system is the "backbone" of the Agency work. Phase I project scope included requirements, scoping, estimation and planning. This project issued and evaluated an RFO then determined to abandon the customer build plan and add Vendor Manager Support to the existing PWA system. Phase 2 scope includes building, testing and implementation.	11/1/18	12/31/19	$50,000.00	$9,000.00	Ongoing	Green
3	Administration	Admin Enterprise Real Property Archibus Upgrade	ARCHBUS v23.2 Upgrade	10/5/18	8/19/19	$274,590.00	$0.00	Completed	NA
4	Administration	Admin eProcurement Business Case Development	Review and update the previously developed procurement automation business case and fit-gap analysis performed in preparation for the upcoming legislative consultant. Review and update information toward creation of a comprehensive Procurement Automation Business Case for the State.	11/16/18	5/3/19	$80,000.00	$0.00	Completed	NA
5	Administration	Admin FMR Sharepoint AP Implementation	Redesign and rewrite in SharePoint Admin's Financial Management and Reporting Division (FMR) Accounts Payable tracking system. MNIT Internal Applications group is completing the work under a service agreement.	10/8/18	7/24/19	$0.00	$0.00	Cancelled	NA
6	Administration	Admin FMR Sharepoint AR Implementation	Redesign and rewrite in SharePoint Admin's Financial Management and Reporting Division (FMR) Accounts Receivable tracking system. MNIT Internal Applications group is completing the work under a service agreement.	10/8/18	7/24/19	$0.00	$0.00	Cancelled	NA
7	Administration	Admin MMCAP Contact Management System (CMS) Replacement Implementation	(CMS) Procure and implement the replacement of Contact Management System (CMS) for MMCAP.	10/8/18	3/31/20	$75,000.00	$35,000.00	Ongoing	Yellow
8	Administration	Admin MMCAP SDL Tridion Implementation	(Website) Move MMCAP's website from its current platform to Tridion and rebrand.	10/8/18	3/31/20	$25,000.00	$10,000.00	Ongoing	Green
9	Administration	Admin RECS PIF(Project Initiation Form based on SharePoint Site	RECS would like to digitalize the current paper based system a Project Initiation from Vendor(s) and other Agencies. Currently there exists an agreement with MNIT to develop the SharePoint site where this form will accessed. 4/5/2019 the Business is still going through internal testing in conjunction with the Vendor. Once the internal testing is done, then the Business and Vendor will agree on what features needs extra attention before the Vendor delivering the system to the Business.	10/2/18	5/1/19	$55,000.00	$20,000.00	Completed	NA
10	Agriculture	Industrial Hemp Pilot Program	Industrial Hemp is a pilot program at the Minnesota Department of Agriculture. Currently applicants for the Industrial Hemp Pilot Program submit paper documents and MDA staff enter the information manually onto a spreadsheet. Once a background check is passed the company information is again entered manually into the Licensing Information System (LIS). MDA sends a fee request form and Memorandum of Understanding (MOU) to the customer once the license requirements have been met. After the fee is sent to MDA the Industrial Hemp Program issues the customer their license. The solution will allow external customers to apply and renew their Industrial Hemp license using the online Erenewal portal. Customers will be able to pinpoint their growing or processing locations on an online map as well as pay for their license electronically in the same session. This will improve the quality of the data in LIS and increase efficiency by storing field information in one location.	6/24/19	10/25/19	$26,000.00	$0.00	Ongoing	Green
11	Agriculture	Plan Review	MDA seeks a solution to reduce paper and automate processes in their Retail Food Plan Review program. A retail food establishment may not be constructed, remodeled, or converted from an existing structure to a retail food establishment, except in accordance with plans and specifications that are submitted and approved by the Minnesota Department of Agriculture. In addition to the fee, there are a number of documents that must be submitted by the customer for approval. These are submitted via US Mail and must be reviewed and approved manually. The OnBase ePlan Portal will allow public users to securely and conveniently upload electronic plan documents into OnBase. The documents will then be classified, indexed, and managed through a process control workflow series. This will allow for more efficient processing and generation of the plan approvals, and provide access to related documents in an easy to use, organized manner. In addition, the tool should allow a way for the MDA to communicate back and forth with the plan submitter during the process of finalizing the documents. The solution will provide increased efficiency, accuracy and control by reducing paper based documents. It will also automate several manual tasks associated with the current process.	10/29/18	3/13/19	$92,940.00	$0.00	On Hold	NA
12	Education (MDE)	Early Learning Scholarship Phase 5	Previous phases of the Early Learning Scholarship Administration ELSA) system provided for payment request processing by scholarship type for administrative organizations as well as simplifying and the funding allocation process in implementing several new scholarship administrators in fiscal year 2018. "Phase V" will provide for 1) better financial management of funding allocations and scholarship awards, 2) improved payment reconciliation processes, 3) initiating an online application entry, submission, and admin org assignment process, 4) adherence to state branding guidelines, and 5) positioning the application for direct requests and payment of invoices for programs providing service. ELSA Phase 5 project is scheduled for completion in 2019. *** ORIGINAL PROJECT ID J47EPT6K. Project was deactivated do to an internal error that prevented it from loading. The new project was created in Sciforma on 12/13/18 by the system administrator **	12/3/18	6/5/19	$805,000.00	$45,500.00	Completed	NA

Row	Agency	Name	Description	Start Date	Finish Date	Estimated Budget	IT Support and Maintenance Cost (annual)	Workflow State	Project Overall
13	Education (MDE)	ECRDM - Early Childhood Real Time Data Mart	MDE needs to be able to measure the success of the Voluntary Prekindergarten Program through the collection and analysis of data. Participating program child data will be collected from districts and charter schools including program surveys and assessment data. This new data will be used with existing collected data to support the required state reporting and the evaluation of the Voluntary Prekindergarten Programs. To be able to meet that need many of the early childhood systems will need to be updated to collect this new data while in parallel reducing duplication data collections. The Early Childhood Systems will need to be reviewed to accommodate new data collection requirements. Enhancements to these systems will include the collection of new elements for Voluntary Prekindergarten Programs and improve data collected on other programs in order to reduce duplication. This will allow the program to measure the impact of the district's programs on the children involved and provide reports back to districts and charter schools. Development of a Real Time Data Mart will be created to pull all early childhood data into a centralized location to create and provide timely reports for early childhood staff at MDE and school districts that utilize data across a variety of systems. The Real Time Data Mart will provide a more updated source for the Early Learning Department to run analytics and reports. The new data mart is being designed for ease of use by end users with reporting tools. Project is also known as the MDE Date Warehouse effort.	7/1/19	6/28/19	$90,000.00	$10,000.00	Ongoing	Red
14	Education (MDE)	ECSEPD - Early Childhood Special Education Professional Development	Create an application to track coaching of Early Childhood Special Education Teachers to become proficient at Innovation Tools. The innovation tools are found to improve the learning quality and outcomes of children. Studying the methods of coaching may improve the time it takes to become proficient and save money in the process. The project will track the activities taken by the coach on different coachee participants to improve the quality of teaching and coaching styles.	5/1/19	6/30/20	$260,000.00	$0.00	Ongoing	Green
15	Education (MDE)	ELSA - Early Learning Scholarship Administration System Phase 6	ELSA Phase 6 involves continued enhancements to the system. This phase includes; Payment/Adjustment Enhancements, Internal Admin Enhancements, Award Logic/Display Enhancements ELSA Phase 6 project is scheduled for completion by Oct, 2019..	6/5/19	6/30/20	$30,000.00	$4,500.00	Ongoing	Green
16	Education (MDE)	ESSA Implementation Phase 3	ESSA was authorized in December 2016. A new accountability system was designed to meet these requirements. This is phase 3 reporting which includes secondary suppression (enrollment, graduation and assessment), addition of active duty parent filter and 2019 North Star changes/required enhancements.	1/15/19	8/29/19	$250,000.00	$0.00	Ongoing	Green
17	Education (MDE)	MNCIMP Feasibility	The project consists of designing, building, and deploying a new integrated MNCIMP application that fully incorporates the current tool's functionality and strategically expands its capability. The new tool's capabilities will transform the significance, impact, and results of the compliance, monitoring, and federal reporting work achieved by MDE. The flexibility that will be designed into the new tool will allow resources with the appropriate administrative rights to configure workflows, workspaces, and work stream portals without code change requirements. In addition, the new and improved MNCIMP application will empower LEAs with data and processes to help them establish pathways toward improved outcomes for all students. Phase 1: Feasibility Study Phase 2: RFP Phase 3: Implementation Phase 4: Technical Support and Knowledgebase	11/5/18	11/1/20	$625,000.00	$62,500.00	Ongoing	Green
18	Education (MDE)	PDG - Preschool Development Grant	Minnesota's Preschool Development Birth through 5 grant will focus on finding ways to better serve children facing racial, geographic, and economic inequities so they can be born healthy and thrive within their families and community. The grant supports the state's vision by aligning and coordinating multiple systems to help families with young children (prenatal to age 5) navigate through the system more efficiently.	12/31/18	12/30/19	$500,000.00	$0.00	Ongoing	Green
19	Education (MDE)	SERVS Financial Title IV Enhancements	This is a two phased project. The first phase is to set up federal Finance Code 499B/499C Federal Emergency Management Funding allocations for school districts in order for them to submit a grant application, accept funds, create a budget and draw down funds. The second phase of the project is for new Title IV funding which includes making a copy (clone) of Title II code for Title IV Part A Student Support and Academic Enrichment Grant 433 Funds. The complete Title IV Part A setup includes preparation of the application/with narrative, loading allocations and district acceptance of the allocation, budgeting and drawing funds. The phases include some new development along with utilizing existing code which needs to be enhanced to work with these two new funding streams. Comprehensive testing is imperative to the success of the development (minimum of three weeks).	11/1/18	2/28/19	$70,000.00	$0.00	Completed	NA
20	Employment Economic Dev (DEED)	DIGITS - Application for HR and ODEO	Development and delivery of a DIGITS application for documenting investigations, grievances, and disciplinary actions for DEED HR and ODEO. Scrum will be the development approach on this project, with 2-week sprints. At the end of each sprint, the team will demonstrate the functionality that has been developed, and incorporate feedback that has been provided. The project team will consist of a Product Manager, Project Manager, Scrum Master, Technical Lead, Developer, Business Analyst, and Database Administrator.	2/1/19	4/30/20	$357,000.00	$10,000.00	Ongoing	Green
21	Employment Economic Dev (DEED)	Implement Cloud Endure in Amazon Cloud for UI App. Disaster Recovery	Implement Cloud Endure in Amazon Cloud for UI App. Disaster Recovery	11/27/18	1/31/19	$195,184.00	$39,040.00	Completed	NA
22	Employment Economic Dev (DEED)	Presentation Layer and Correspondence Management for Unemployment Insurance	Separation and update of the presentation layer of the UI application and update of the correspondence editing and management tool. These will make the UI application more user friendly, mobile ready, more accessible, and able to be rendered in multiple languages.	9/6/19	3/1/21	$2,000,000.00	$400,000.00	Ongoing	Green
23	Employment Economic Dev (DEED)	UI AWS Migration Production Build	Build out the Unemployment Insurance environment and move to Amazon Cloud. This phase focuses on the Production environment which is anticipated to be moved in Summer 2020.	8/12/19	8/30/20	$329,312.00	$0.00	Ongoing	Green
24	Employment Economic Dev (DEED)	Unemployment Insurance System Modernization	Updates to the Unemployment Insurance application for improving customer experience, improving flexibility, and strengthening the UI infrastructure. Note this budget was recently approved for a Program, and we expect to launch and manage multiple projects under this umbrella program.	9/6/19	6/1/22	###########	$1,000,000.00	Ongoing	Green
25	Employment Economic Dev (DEED)	Workforce One Connect Mobile Application	A mobile application to be used in conjunction with Workforce One will be developed. The project kickoff meeting is scheduled for October 18, and budget is being finalized at this time.	10/15/19	4/30/21	$1,200,000.00	$240,000.00	Ongoing	Green
26	Enterprise Projects	Smaller Agency Workstation Support	Purchase of computers for small agencies. Part of a larger effort.	4/1/19	6/28/19	$142,000.00	$0.00	On Hold	NA
27	Health (MDH)	P-1356 Newborn Screening (NBS) Interoperability Phase 3 (3GA71)	This project will securely route OVR data to the Oz system and discontinue sending to the NBS legacy LIMS.	10/22/18	1/24/20	$164,113.75	$10,400.00	Ongoing	Green

Row	Agency	Name	Description	Start Date	Finish Date	Estimated Budget	IT Support and Maintenance Cost (annual)	Workflow State	Project Overall
28	Health (MDH)	P-1367 OSHII Tracking Tool (3GA83)	Technical assistance tracker for OSHII will support the Statewide Health Improvement Partnership (SHIP) and OSHII grantees.	12/19/18	6/17/19	$60,146.00	$1,000.00	Completed	NA
29	Health (MDH)	P-1368 BLIS solution replacement assessment (3GA84)	Identify a replacement solution for Blood Lead Information System (BLIS) including a cost estimate and proposal.	12/19/18	10/15/20	$367,674.40	$26,800.00	Ongoing	Green
30	Health (MDH)	P-1371 Data Exchange Enhancements (3GA87)	Evaluate MDH program electronic data exchange needs and provide a prioritized list of recommended changes to increase efficiency and capabilities.	2/11/19	3/31/20	$126,177.50	$10,000.00	Ongoing	Yellow
31	Health (MDH)	P-1375 CFH NCFU MEDSS Connection to the Internal Exchange Hub (3GA93)	The proposed project seeks to partner with OZ Systems, Natus, and the PHL's NBS Program to message data from two NBS information systems- Natus and MNScreen, through the MDH Internal Exchange Hub, to two MEDSS models used by NCFU- Heritable Conditions and Hearing Loss.	2/11/19	12/31/19	$170,924.00	$12,650.00	Ongoing	Yellow
32	Health (MDH)	P-1380 Drinking Water Protection Site Visit App (3GA98)	Integrate two DWP paper workflows, Sanitary Survey and IWMZ-PCSI into one paperless workflow setting the stage for transition to SDWIS Prime.	4/16/19	10/15/20	$700,492.70	$37,200.00	Ongoing	Green
33	Health (MDH)	P-1382 HRD (3GA1A)	HRD Program and IT System Enhancements	8/1/19	6/30/23	$30,000.00	$0.00	Ongoing	Green
34	Health (MDH)	Security Remediation EH Authentication (3GA90)	Security focused enhancements or remediation	10/1/18	6/28/19	$30,000.00	$0.00	Completed	NA
35	Health (MDH)	Security Remediation MIIC (3GA91)	Security focused enhancements or remediation	10/1/18	11/30/20	$303,390.75	$4,000.00	Ongoing	Green
36	Health (MDH)	Security Remediation Paradise AuraPlayer (3GA89)	Security focused enhancements or remediation	12/13/18	6/30/19	$96,732.00	$0.00	Completed	NA
37	Human Services (DHS)	Add App to Existing Staff Scheduling System (Emerald City Mobile)	The present staff scheduling system can't be utilized through an app, requiring the staff to either use their personal computers or work computers to determine their work schedule. Vendor is proposing to establish users with a mobile app to allow them to access the application remotely.	11/19/18	11/27/19	$150,000.00	$15,000.00	Ongoing	Red
38	Human Services (DHS)	Allow Resource Center/Security Group DW00 to force edit 672	Allow the 672 edit to be forcible to the security groups in the Resource Center instead of depending on different staff consistently manually documenting the comments and assuring they add the home care rating to their notes.	12/3/18	1/30/19	$0.00	$0.00	Completed	NA
39	Human Services (DHS)	APD Resource Management Tool	The purpose of this project is to establish a software tool and process that aids the Business Solutions Office and its partners within DHS and MNIT@DHS in: Developing implementation and planning APDs for internal and federal approval, Monitoring actual expenditures and comparing those to milestone achievement for approved APDs, Reporting planned and actual expenditures, anticipated ongoing operational costs, and milestone achievement to internal stakeholders and federal partners administering APDs, and More accurately forecasting expenditures for the APD projects during development and once they become operational.	1/9/19	8/26/22	$0.00	$0.00	Ongoing	Green
40	Human Services (DHS)	Appeals Defect Fix	Critical Fixes to new Enterprise Appeals Solutions (EAS) application.	1/2/19	7/24/19	$110,000.00	$0.00	Completed	NA
41	Human Services (DHS)	Application for DBT-IOP	This project involves updating DBT Application(s), and having the data dump into a new database for tracking purposes. Application and attachments will save to EDMS, and communication will be centralized through the process.	11/26/18	1/29/20	$187,242.10	$33,703.58	Ongoing	Yellow
42	Human Services (DHS)	Avatar Assessment	Implement the standard assessment Avatar product	10/1/18	1/29/20	$0.00	$0.00	Cancelled	NA
43	Human Services (DHS)	Avatar Client Scheduling (aka Avatar Scheduling Optimization)	Fix the DCT Avatar scheduling set up. This will make the scheduling more effective and efficient and consistently electronic.	8/9/19	6/30/20	$0.00	$0.00	Ongoing	Green
44	Human Services (DHS)	Avatar Disclosure Management	The purpose of this project is to enable Avatar Disclosure Management functionality. This function tracks and controls sharing of client (patient) information with authorized 3rd parties. This will automate the current manual process for DCT's disclosure management. Enabling Disclosure Management requires very little Avatar configuration. This project is part of a large program to utilize Avatar's available features. Objective 1: Streamline Disclosure Management release process across DCT Objective 2: Reduce Disclosure Management release paper work Objective 3: Reduce Disclosure Management release storage of paper copies Objective 4: Automate report creation for required reporting	11/26/18	11/7/19	$98,545.64	$17,738.10	Ongoing	Green
45	Human Services (DHS)	Avatar e-Prescribe	Direct Care and Treatment (DCT) is standardizing systems and processes into an overall Electronic Medical Record (EMR) system, AVATAR. The ePrescribe project work will be included in the EMR effort to enable Avatar functionality to generate prescriptions electronically for patients leaving our facilities. Focusing on value based person centered care. This project will consist of both Avatar ePrescribe and Medication Reconciliation.	4/22/19	9/15/20	$1,068,760.36	$96,182.00	Ongoing	Green
46	Human Services (DHS)	Avatar Implement at MSOP for Physical Health	MSOP conversion to Avatar.	8/9/19	6/30/20	$0.00	$0.00	Ongoing	Green
47	Human Services (DHS)	Avatar M*Modal - Ability to dictate into Avatar	Provide ability to allow providers and other staff to dictate versus manually printing information into the electronic health record.	2/4/19	9/20/19	$61,823.74	$11,128.14	Ongoing	Green
48	Human Services (DHS)	Avatar Orchard (eLab)	The Orchard Labs project will integrate the electronic medical record system (EMR) with a fully integrated labs application platform. DCT recognized the need as the next step in the progression of the EMR to incorporate electronic lab functionality into the EMR. The current process includes the utilization of paper and faxing process with independent applications or paper procedure in handling orders, labs, and lab results. The primary objective of this project will be to incorporate a electronic process to eliminate the majority of paper being used in the process. The Orchard Labs project aligns with DCT/MN.IT strategic objectives by taking a key step by adding electronic labs functionality as a primary function in providing an EMR.	1/2/19	6/17/20	$0.00	$0.00	Ongoing	Green

Row	Agency	Name	Description	Start Date	Finish Date	Estimated Budget	IT Support and Maintenance Cost (annual)	Workflow State	Project Overall
49	Human Services (DHS)	Avatar Perceptive - Paper Handling of Electronic Health Record	Currently DCT utilizes Netsmart's integrated document management platform in Avatar. The existing document management software for point of service scanning is the legacy system and Netsmart has a new integrated application to replace the existing legacy system. The existing document management platform integrates document storage directly into a clients chart inside the EMR. A user currently has the capability to view, scan, retrieve documents inside of the EMR without using an ancillary system. The integrated document management platforms have robust security driven off of already existing application security in Avatar.DCT would like to partner with Netsmart to leverage the Perceptive application to replace the existing legacy system. The document management platform would stay integrated with the EMR while adding robust functionality in the management of the documents in the system currently not available with the legacy system. DCT would like to first convert to the Perceptive application and then leverage the new functionality to expand the use of document management in more program areas at DCT. The full document management setup will include both point of service and batch scanning and would allow future DCT projects to digitize legacy client charts for better data retention. This project fits DCT's primary objective to become more electronic versus paper based.	3/29/19	6/30/20	$0.00	$0.00	Ongoing	Green
50	Human Services (DHS)	BIRF Phase 2	Improve the user experience for data entry of the Behavioral Intervention Reporting Form (BIRF); allow providers to log in and log out to complete form submissions; and enable providers to self-register for credentials to minimize DSD participation in user management.	3/25/19	8/14/20	$300,000.00	$0.00	Ongoing	Yellow
51	Human Services (DHS)	Cash Grant Increase	Make changes in systems as needed to change issuance amounts in the monthly cash grants for Minnesota Family Investment Program, Diversionary Work Program, and Refugee Cash Assistance grants as outlined in 2019 legislation. Effective date is 2/1/2020.	7/10/19	2/6/20	$102,000.00	$17,000.00	Ongoing	Green
52	Human Services (DHS)	Defect Management 19.2	Work on METS production defects for the 19.2 release.	12/10/18	8/20/19	$426,792.00	$21,340.00	Completed	NA
53	Human Services (DHS)	Defect Management 19.3	Resolves particular defects within METS.	2/20/19	10/11/19	$284,262.00	$51,167.00	Ongoing	Green
54	Human Services (DHS)	Defect Management 19.4	Work on METS production defects for the 19.4 release.	4/15/19	2/14/20	$597,408.00	$107,533.00	Ongoing	Green
55	Human Services (DHS)	Direct Support Connect Website Infrastructure Change	Provide support and technical assistance to move DirectSupportConnect.com, a DHS website, from the vendor's hosting and development environment, to the state's network.	12/10/18		$0.00	$0.00	Ongoing	Green
56	Human Services (DHS)	Effective Dates Phase 2	Implement the necessary functionality in order to provide correct eligibility and coverage 'begin and end dates' when a client submits a new application requesting health care coverage for public or private coverage.	6/10/19		$0.00	$0.00	Cancelled	NA
57	Human Services (DHS)	Enterprise Appeals Solution (EAS) Stabilization	Stabilize the enterprise appeals solution (EAS) by addressing defects and enhancements.	5/1/19	8/28/20	$1,400,000.00	$0.00	Ongoing	Green
58	Human Services (DHS)	Federal Tax Law Changes	Congress made several changes to the MAGI methodology in 2018. These changes will require changes to the METS online application and the way METS calculates MAGI.	4/2/19	12/27/19	$600,000.00	$60,000.00	Ongoing	Green
59	Human Services (DHS)	FileNet Workflow for MA BC	As part of transitioning the processing of MA-BC presumptive eligibility from the counties to the State, DHS would like to set up a three step workflow in METS FileNet for this process.	3/17/19		$0.00	$0.00	Cancelled	NA
60	Human Services (DHS)	First Data Bank Drug File Changes	First Data Bank is changing the layout of the drug files MMIS receives and uses to approve pharmacy claims. MMIS needs to upgrade to the newest version of the file so that drugs continue to be authorized and paid under Medicaid.	11/19/18	12/6/19	$266,981.07	$48,056.59	Ongoing	Green
61	Human Services (DHS)	Implementation of Governance Over IT Maintenance and Operations	Implement a governance structure for IT maintenance and operations work.	4/1/19	9/11/20	$0.00	$0.00	Ongoing	Green
62	Human Services (DHS)	Inpatient Hospital Rebasing Number 3	Changes will need to be made in MMIS to reflect new inpatient hospital rates that become effective July 1, 2019.	1/2/19	2/5/20	$520,117.89	$93,621.22	Ongoing	Red
63	Human Services (DHS)	Integrated Behavioral Health Care	Streamline and integrate a continuum of behavioral health care services and funding. The goal of BHF is to provide Minnesotans better access to behavioral health care services as well as supports for living in the community. Additionally, BHF will align and maximize funding structures across substance use disorder and mental health services, DHS, and the counties.	6/14/19		$0.00	$0.00	Ongoing	Green
64	Human Services (DHS)	Interactive Video for Targeted Case Mgmt	A place of service (POS) 02 Telehealth is currently utilized in the Medicaid Management Information System (MMIS) and the Minnesota Information Transfer System (MN-ITS) for submitting TCM Telehealth services (i.e. interactive video). County social workers use the Social Service Information System (SSIS) for claims submissions. The objectives of this project include: Update SSIS with the place of service value 02 Telehealth already in MMIS for accurate transfer of claims data between the systems. Determine and implement the SSIS requirements for claiming rules for Telehealth services for targeted case management.	11/8/18	1/16/20	$228,488.00	$41,127.00	Ongoing	Green
65	Human Services (DHS)	MAARC Law Enforcement Geo Location Map for SSIS	Embed the existing MnGEO mapping functionality in the MAARC application so that the correct law enforcement agency can be identified and notified when the allegations may involve criminal conduct.	7/8/19	4/15/20	$0.00	$0.00	Ongoing	Green
66	Human Services (DHS)	MAXIS Code Refactoring	The MAXIS application uses the ISN (Internal Sequence Number) throughout the application. The field should be packed 10, but is inconsistent throughout the application being defined as P8/N8/B4, etc. in the global data areas, LDAs, PDAs, programs, etc. This field must be fixed to accommodate 10 digits for at least 5 files that will put the entire MAXIS system and its Programs at risk of coming to a halt within a year.	2/1/19	10/14/19	$220,000.00	$39,600.00	Ongoing	Green
67	Human Services (DHS)	MAXIS Notice Archive	Design and implement an archiving process for MAXIS/MEC2 notices that can be scheduled as desired.	1/23/19	3/31/20	$470,720.75	$94,144.00	Ongoing	Green
68	Human Services (DHS)	MAXIS Systems Sustainability Assessment	The Enterprise Architecture Board (EAB) has requested a project to evaluate the sustainability of existing systems, and that MNIT bring one of the major systems to EAB as an example for discussion. The evaluation would be facilitated by the creation and completion of a Systems Sustainability Matrix (SSM) which will allow representatives from both MNIT and the Business to rate the systems on a number of categories and sub-categories. The MMIS system was chosen as the first example, and now MAXIS has been selected as the next legacy system to be rated. The major categories would include: Cost vs Value People Documentation Basic Maintenance Governance MNIT is asked to bring a report back to EAB related to the resources necessary and impacts of moving forward with the proposal related to leveraging existing systems.	6/25/19	12/31/19	$97,694.00	$0.00	Ongoing	Red
69	Human Services (DHS)	MEC² User Interface Upgrade	Upgrade and rewrite the MEC2 Java Swing user layer as JAVA is dropping WebStart support.	12/5/18	12/31/20	$2,660,369.00	$478,867.00	Ongoing	Green

Row	Agency	Name	Description	Start Date	Finish Date	Estimated Budget	IT Support and Maintenance Cost (annual)	Workflow State	Project Overall
70	Human Services (DHS)	Medicaid Eligibility & Enrollment Life Cycle (MEELC) Process	Implement the Medicaid Eligibility and Enrollment Life Cycle (MEELC) process for CMS. MEELC is a new process that CMS has rolled out for all projects funded with the Eligibility and Enrollment APD.	1/28/19	3/25/20	$61,403.54	$0.00	Ongoing	Green
71	Human Services (DHS)	METS Disaster Recovery (DR) Test 2019.1	Part of the coordinated METS and Mainframe DR test. Tentatively scheduled for April 30 2019.	2/1/19	9/30/19	$350,000.00	$69,904.48	Ongoing	Green
72	Human Services (DHS)	METS Eligibility Determination: Pregnant Women and Auto Newborns	Make system changes to support the provision of correct and appropriate data needed to make accurate eligibility determinations, reduce creation of unnecessary applications and eliminate certain workarounds.	9/3/19		$0.00	$0.00	Ongoing	Green
73	Human Services (DHS)	Migrate DHS Connect2 content to O365	Move DHS-owned content in the https://connect2.mn.gov/sites/ domain from the SharePoint enterprise on-premise environment (SPEOP) to the O365 for Government domain https://mn365.sharepoint.com/sites/dhs/.	1/25/19	8/7/19	$1,648,664.40	$296,759.59	Ongoing	Green
74	Human Services (DHS)	Migrate MNsure Connect2 content to MN365	Move MNsure-owned content in the https://connect2.mn.gov/sites/ domain from the SharePoint enterprise on-premise environment (SPEOP) to the O365 for Government domain (MN365) https://mn365.sharepoint.com/sites/.	2/18/19	9/12/19	$67,028.97	$12,065.22	Ongoing	Green
75	Human Services (DHS)	MMIS 1N Modularization	Split or modularize the MMIS 1N eligibility message processing program and reorganize the modules so like functionality is contained within the same module. This effort will include resolving known defects found within the program, and ensuring that all requirements, functional and technical documentation are up-to-date.	6/21/19	7/2/20	$0.00	$0.00	Ongoing	Green
76	Human Services (DHS)	MMIS to ESB Connection Phase 3 (E&E)	This project will leverage and build upon the MMIS to ESB Phase 1 and 2 work products with the below deliverables. Attain enterprise-wide direction on how to design DS4P and possibility of C2S based off of FHIR. Code JavaScript Object Notation (JSON) to support FHIR, DS4P and if applies, C2S. Prepare Production Support plan. Complete final Risk Assessment with Security team. Put in place a Disaster Recovery Plan. Assist with culture change within MN.IT through broader adoption of ESB technology.	1/14/19	1/31/20	$550,000.00	$0.00	Ongoing	Green
77	Human Services (DHS)	MPSE Phase 2 (Minnesota Provider Screening and Enrollment)	Continued development of the new Provider Enrollment and Screening portal. This phase will consist of integrating/automating federal data base checks; move current MMIS batch runs into MPSE; address some security risks identified in Phase 1 implementation, etc. This phase is directly related to federal compliance with ACA Provider Screening and Enrollment Regulations.	8/1/19		$0.00	$0.00	Ongoing	Green
78	Human Services (DHS)	NETStudy 2.0 Interface	On-boarding involves obtaining data from other sources and incorporating it into NETStudy 2.0 (NS2) via automation. This includes data to establish accounts, data needed to process background studies, and data needed to complete required criminal and other record checks. It also includes off-boarding the data sources as applicable.	3/18/19		$0.00	$0.00	Ongoing	Green
79	Human Services (DHS)	New Medicaid Housing Stabilization Services	Create a new Medicaid billable service for housing supports as directed by 2017 Legislature. The services help people with disabilities, including mental illness, and seniors find and keep housing in the community. Housing Stabilization services were developed and designed to increase efficiency, access and equity in housing services for all Minnesotans with disabilities, reducing institutionalization and homelessness.	1/10/19	7/10/20	$337,353.76	$3,000.00	Ongoing	Green
80	Human Services (DHS)	New MSOP Canteen Vendor	Replace current MNCorr Canteen vendor who will no longer provide services.	10/1/18	12/21/18	$105,000.00	$2,500.00	Completed	NA
81	Human Services (DHS)	Notices 19.2	Provide enhancements and corrections to Notices.	12/5/18	12/31/19	$488,339.00	$0.00	Completed	NA
82	Human Services (DHS)	Notices 19.3	Track the efforts for scoping, developing, and deploying high priority Notices enhancements/fixes to address Business priorities.	1/9/19	11/1/19	$840,189.00	$0.00	Ongoing	Green
83	Human Services (DHS)	Notices 19.4	Scope, develop, and deploy high priority notices enhancements/fixes to address business priorities.	4/5/19	12/27/19	$2,052,756.00	$0.00	Ongoing	Green
84	Human Services (DHS)	Operations HRIS request for Dept grouping data table for reporting	Create a data source, with non-private, non-sensitive data, that can be used in DHS HR Reporting tool (HR Reports on BOBI) and for ad-hoc and scheduled reporting. Data source would be regularly updated by DHS Operations HRIS staff and would be used in multiple reports to group and summarize DHS data according to DHS organizational structure.	3/20/19		$0.00	$0.00	Cancelled	NA
85	Human Services (DHS)	OSI Investigation Tracking and Processing	Consolidate functionality from existing OSI systems (including Access, SharePoint, and I-base) into a single system to track their investigations and accompanying information.	11/16/18		$0.00	$0.00	Cancelled	NA
86	Human Services (DHS)	Outpatient Drug Rule Changes to Pharmacy Reimbursement	Make the necessary changes to the MMIS to comply with the 2019 legislative proposal for pharmacy reimbursement. Change the MMIS reimbursement logic for pharmacy reimbursement to comply with the federal rule. Specifically this will require the use of the National Average Drug Acquisition Cost for the ingredient reimbursement and a professional dispensing fee of $10.48. Change the MMIS reimbursement logic for 340B claims to pay based off of a new 340B ceiling price file. Change the MMIS reimbursement logic for 340B medical claims to pay at the allowed amount -28.5% instead of the current -20%. Allow partial package dispensing of OTC drugs. Reconcile the state legislation with the current program rules to identify all other changes and incorporate the new logic into the MMIS.	3/25/19	10/3/19	$188,554.59	$33,939.83	Ongoing	Yellow
87	Human Services (DHS)	Periodic/Annual Work - 2019 FPL-MA	The Federal Poverty Level rates change each year and must be updated in METS in order to determine correct eligibility for public and private health care programs. The FPL rates for determining eligibility change in July for Medical Assistance (MA). The METS system must reflect the new rates before the renewal batches for the update month are run, typically in April.	12/7/18	4/30/19	$66,850.00	$0.00	Completed	NA
88	Human Services (DHS)	Periodic/Annual Work - 2020 FPL-MCRE/IA/uQHP	In January of each year, the FPL is updated in the Federal Register by the Secretary of Health and Human Services (HHS).When determining an individual's eligibility for MCRE, IA, APTC, and uQHP, the agency must use the FPL values published by HHS in the Federal Register that is in effect for the benefit month.	2/8/19	12/31/19	$600,000.00	$0.00	Ongoing	Green
89	Human Services (DHS)	Phoenix - Accuracy and Completeness Challenge Module	Ability to identify, correct, and document challenged data in the Communication Logs and the progress notes associated with the communication logs pursuant to statute 13.04 and records best practice.	7/10/19	1/29/21	$0.00	$0.00	Ongoing	Green
90	Human Services (DHS)	PolicyQuest use by Minnesota Board on Aging and Nursing Facility Rates & Policy	Provide a centralized, searchable, Web-based application for representatives from Minnesota Area Agencies on Aging (AAAs) and other MBA stakeholders, as well as NFRP stakeholders, to find answers to policy-related questions (or pose new questions if they have not yet been answered in PolicyQuest) regarding Older Americans Act (OAA) programs or programs related to NFRP.	6/10/19		$0.00	$0.00	Ongoing	Yellow
91	Human Services (DHS)	PRISM Dept of Revenue (DOR) Changes	The MN Department of Revenue will be changing their file transfer method and file layout used by the Child Support Division effective December 12, 2018. Both the process we use to retrieve and send the files and the file layout is changing and DHS will need to update its files and processes accordingly.	11/20/18	9/27/19	$500,000.00	$0.00	Completed	NA
92	Human Services (DHS)	QHP "Approved" Status Error	METS is incorrectly placing IA and UQHP PDCs into the "Approved" status implemented for MA. Per ACA policy IA and UQHP PDCs must not go into a pending (a.k.a "Approved") status.	11/2/18		$0.00	$0.00	Cancelled	NA

Row	Agency	Name	Description	Start Date	Finish Date	Estimated Budget	IT Support and Maintenance Cost (annual)	Workflow State	Project Overall
93	Human Services (DHS)	QHP Renewal Batches Gap	Add functionality to METS to determine next year's eligibility for households not selected by the QHP renewal batches.	11/2/18		$0.00	$0.00	Cancelled	NA
94	Human Services (DHS)	ROP/Non-Coop Phase 3	Add capability to the METS application to identify and track compliance with public program cooperation requirements and systematically, per federal and state law, either terminate active cases or deny pending application eligibility when individuals fail to cooperate (comply) with these requirements.	11/19/18	9/30/19	$2,500,000.00	$0.00	Ongoing	Green
95	Human Services (DHS)	SEP Eligibility during OEP	Update METS to ensure QHP consumers who apply during OE period, but prior to the first of the renewal year (Jan 1) receive an eligibility determination for the current year. Without eligibility determination for current year, can't determine SEP eligibility and no AT will be sent to GetInsured (GI) for current year to allow ACA mandated QHP SEP enrollment	11/2/18		$0.00	$0.00	Cancelled	NA
96	Human Services (DHS)	SNAP ABAWD Tracking record updates	Enhance the WREG panel in MAXIS to improve coding and tracking of SNAP benefits for Able Bodied Adults without Children (ABAWD) recipients.	6/17/19		$232,916.00	$0.00	Ongoing	Green
97	Human Services (DHS)	System Sustainability Project - MMIS	Evaluate the sustainability of MMIS. This project is using MMIS as an example for discussion that will happen at the EAB with other major systems.	10/24/18	1/11/19	$54,255.00	$0.00	Ongoing	Red
98	Human Services (DHS)	Systems Instructions Review	I. Create 5 recommendation documents & make updates to OneSource: Recommendations for changes and actual updates made to business' ONEsource procedures when the current instructions and wording negatively impact process or eligibility determinations. Recommendations for system defects to be fixed that would significantly reduce the length and time of instructions. Recommendations for enhancements to the case management system resulting in overall reduced number of clicks and time spent on a case. Recommendations for changes to DHS policy that could simplify procedures. Creation of the process for review of new instructions going forward.	11/1/18	4/29/19	$298,420.00	$0.00	Completed	NA
99	Human Services (DHS)	Temporary Absence for MA	Implement 2019 legislation that requires DHS to identify MA enrollees who are temporarily absent from MN for more than 30 consecutive days, and provide MA coverage to these enrollees via the fee-for-service system rather than through managed care plans.	8/23/19		$582,772.00	$104,898.96	Ongoing	Green
100	Human Services (DHS)	Teradata Hardware Replacement	Manage the architecture, acquisition, and installation of new hardware and software to replace the current Teradata data warehouse.	7/10/19		$0.00	$0.00	Ongoing	Green
101	Human Services (DHS)	Update SNAP/MFIP Food Portion Overpayment Notice	Update overpayment (demand) notices regarding SNAP and MFIP Food Portion notices.	3/4/19	8/27/19	$195,375.00	$35,167.00	Completed	NA
102	Human Services (DHS)	Vocera Expansion Phase 3	Phase 3 installation of the Vocera 2-way communication system at the following sites: Anoka CARE Brainerd MSHS Carlton CARE Willmar CABHS Como MSHS Willmar CARE Willmar MSHS • Fully train staff on its use and functionality • Execute the project within budget and complete Vocera implementation by July 31, 2020	9/9/19	11/20/20	$0.00	$0.00	Ongoing	Green
103	Human Services (DHS)	Workflow for Accounts Payable Invoicing	Create a workflow of AP invoices/documents as they are received.	4/9/19		$0.00	$0.00	Cancelled	NA
104	MNIT Business Operations	DocuSign - Enterprise Level Adoption	MNIT has purchased 85,000 DocuSign envelopes for use by itself and by other executive branch agencies, along with support and training services. The project team will develop, guide and support implementation of the enterprise level product using the resources available, including DocuSign technical support, input from other States and the support and training purchased with the licenses.	1/3/19	1/14/20	$372,000.00	$0.00	Ongoing	Green
105	MNIT Enterprise Services	Adobe Named User Migration	Transition the State of MN to a named user deployment model.	6/20/19	1/5/20	$358,000.00	$64,440.00	Ongoing	Green
106	MNIT Enterprise Services	Billing and Intake phase 4	This project phase is part of the overall project to modernize the Minnesota IT Services (MNIT) intake and billing systems and processes. More specifically, this project will create a clear process to submit service requests and orders and to collect information required for accurate service delivery and billing. Moreover, this project will eliminate the multiple entry points currently used for Enterprise MNIT service requests, all of which use different people, business processes and systems, as well as multiple billing systems with many different methods of collecting and processing true volume data. The current system allows for an unacceptable level of errors to occur, which decreases efficiency and is a burden for MNIT partner agencies and MNIT staff. The current phase – phase 4 will develop a proof of concept for a subscription billing model linking orders and billing data to originating request and service authorizations, modify and supplement existing systems by continuing to do billing related improvement activities. The project will also investigate and explore options to implement the tools and processes to allow for partial payments for invoices. Develop a proof of concept for a subscription billing model: -link all orders to the originating request, -link billing data to orders and service authorizations Modify & Supplement Existing Systems: - Continue billing related improvement activities - Investigate and explore options to allow partial payments for invoices Global Goals and Objectives: - Make order entry, billing and credit requests as self-service as possible. - Improve enterprise services order and fulfillment processes - Identify a single system of record for orders. - Ensure orders are traceable back to the requester and approver. - Ensure the orders have valid and correct customer billing information. - Simplify and automate credit-debit process	11/26/18	6/27/19	$339,600.00	$61,128.00	Completed	NA
107	MNIT Enterprise Services	Billing and Intake phase 5	This project phase is part of the overall project to modernize the Minnesota IT Services (MNIT) intake and billing systems and processes. More specifically, this project will create a clear process to submit service requests and orders and to collect information required for accurate service delivery and billing. Moreover, this project will eliminate the multiple entry points currently used for Enterprise MNIT service requests, all of which use different people, business processes and systems, as well as multiple billing systems with many different methods of collecting and processing true volume data. The current system allows for an unacceptable level of errors to occur, which decreases efficiency and is a burden for MNIT partner agencies and MNIT staff. The current phase – phase 5 will focus on a plan designed to produce a limited prototype with features and functionality that will significantly improve the ordering process. The prototype will be in the non-production environment, but will have the look and feel of a production ready tool, that our executive audience can leverage to review with our customer for feedback. Global Goals and Objectives: - Make order entry, billing and credit requests as self-service as possible. - Improve enterprise services order and fulfillment processes - Identify a single system of record for orders. - Ensure orders are traceable back to the requester and approver. - Ensure the orders have valid and correct customer billing information. - Simplify and automate credit-debit process	6/28/19		$0.00	$0.00	Ongoing	Green

Row	Agency	Name	Description	Start Date	Finish Date	Estimated Budget	IT Support and Maintenance Cost (annual)	Workflow State	Project Overall
108	MNIT Enterprise Services	Cloud-Azure Service Enablement	MNIT Services is seeking to advance its public cloud presence (IaaS, PaaS, SaaS) through enablement of Azure Cloud Services. There are currently a number of agencies, DLI (Workers Compensation Modernization), DEED (Career Onestop), and DHS (Disability Hub) that are actively using or seeking to use Azure Cloud Services. From a purchasing perspective, there is a centralized purchasing mechanism for Azure Cloud Services in place today, but the provisioning and support model of Azure accounts is not in place from an enterprise governance and provisioning model. In partnership with Microsoft's Azure Enablement services, the Cloud Architecture and Security Subcommittee, IaaS Operations, and MNIT Cloud Architecture & Secure Systems Engineering the Cloud Governance Model (designed & implemented for AWS) will be designed and implemented into the Azure Cloud. The scope of the implementation plan will include all aspects of the enterprise IT cloud governance operation including policies, processes, tools, and consumable Azure products published through agency service catalogs. It is noted that MNIT does have an Azure Cloud presence today, but this presence has been primarily used to support Office365 and in some cases enabled for some agencies, due to project needs built around Azure services. In those situations, we have provided access to Azure in a less than desirable implementation and one that doesn't meet the end-state goal.	12/6/18	11/1/19	$166,800.00	$30,024.00	Ongoing	Green
109	MNIT Enterprise Services	Cloud-Infrastructure Enhancements	As part of the Cloud Optimization Strategy, this project, will focus on enhancing our cloud service delivery through the enhancement of strategic infrastructure support services for vendor-agnostic Clouds. With the push to advance MNIT Services public cloud presence, broader than AWS, we need to develop the enterprise cloud service and support structure to be agnostic of the cloud provider. Additionally, we must identify and assess business requirements for partner agencies which expedite and assist those agencies desiring to leverage cloud-based technology and services. Furthermore, we must classify the core requirements for standing up a solution within a cloud environment and assuring that support of these tools and services are identified either within the enterprise or at the agency level. The emphasis of this project is on the design of strategic support services that will allow for enhanced cloud support for enterprise services and agency partners. Enterprise cloud services will focus on automated API integration with tools and processes providing the ability for operational support staff to utilize tools and skillsets across cloud providers. Additional outcomes will provide the guidance for agencies on services and tools that are optimized to allow for responsive, agile and cost-effective solutions. This includes a swim lane and support structure for tools and services identified either within the enterprise or agency. The end state will result in reduced support costs and improved operational resiliency, security and response time to better serve our customers.	12/6/18	11/1/19	$133,400.00	$0.00	Ongoing	Green
110	MNIT Enterprise Services	Cloud-Private Self-Service Server Provisioning Modernization	The goal of this project is to modernize the virtual server provisioning process (See PIR: Graphic 1 and Graphic 2) within MNIT's private cloud. Objective: Automate each task in current provisioning workflow (see PIR: graphic 1 and graphic 2) to achieve self-service virtual server deployments.	12/6/18	12/27/19	$105,000.00	$0.00	Ongoing	Green
111	MNIT Enterprise Services	Disaster Recovery Move to Madison	Relocate the State's mainframe hardware that is used for the replication of mainframe data and add a Capacity Backup Mainframe (CBU). This hardware is used in the event of a disaster for the recovery of mainframe applications.	8/15/19		$392,145.00	$111,106.00	Ongoing	Green
112	MNIT Enterprise Services	DOC MCF Wireless Deployment	Deployment of a Data grade wireless network to support new security solutions and offender educational programs at all 10 of the DOC's Minnesota Correctional Facilities.	2/7/19	6/30/20	$4,403,378.00	$0.00	Ongoing	Green
113	MNIT Enterprise Services	Enterprise Web Filtering Implementation	Project Description The Enterprise Web Filtering project will implement the Cisco Umbrella cloud service to protect state devices from malware, phishing, and other internet threats by monitoring and blocking domain name system (DNS) and Web requests based on MNIT and agency-defined policies as well as known malicious sites identified by Cisco through their ongoing research and analysis. This project replaces the end-of-life Cisco Cloud Web Security service already in place for MNIT and supported agencies. This service is replacing existing service users under this project. A second project will be created in the future to expand this service into an enterprise service covering all MNIT-supported agencies (planned to be available in FY20). Due to impending deadlines in multiple agencies to get off of their existing web content filtering solutions, we are working with those agencies to plan their deployment in parallel, even though they are not specifically included in this project. Objective: * Design and build the core foundation for the Cisco Umbrella service to support the existing Shared Web Content Filtering Service (CWS) users with the expectation that this will become an enterprise service that needs to support the entire executive branch. * Migrate all existing Cisco CWS user implementations with Cisco Umbrella. * Build the baseline service that can accept additional agencies immediately after service availability.	10/11/18	11/29/19	$927,800.00	$152,500.00	Ongoing	Green
114	MNIT Enterprise Services	Evaluate vendors and deploy DMARC in monitoring mode	Project Description: Domain-based Message Authentication, Reporting and Conformance (DMARC) is a policy framework used to authenticate email messages are sent from an approved sender. The technical rollout of this policy will require changes to the DNS records for Mail Exchange (MX). This project will evaluate and select a vendor that can be used to aggregate and deliver a forensics report of all email from domain state.mn.us and mn.gov. After a vendor is selected this project will also roll out DMARC in "Monitor Mode" only to increase visibility of state domain senders and help to increase brand reputation of mail domains state.mn.us and mn.gov. The project will not activate quarantine or reject modes of DMARC and therefore all mail senders can continue to use the state.mn.us and mn.gov domains. The project will only provide Security Operations visibility into those mail senders.	9/12/19	4/30/20	$38,000.00	$6,840.00	Ongoing	Green

Row	Agency	Name	Description	Start Date	Finish Date	Estimated Budget	IT Support and Maintenance Cost (annual)	Workflow State	Project Overall
115	MNIT Enterprise Services	Evaluation of Enterprise Hybrid Cloud Backup and Recovery Solutions including Proof of Concept	MNIT Enterprise Services currently supports and maintains two (2) enterprise solutions for data backup and recovery capabilities. While a "best of breed" technical approach has its advantages in some domains, a single vendor product suite, partnership, and approach to data backup and recovery will have significant advantages for MNIT and our respective agency business partners including increased supportability, maintainability, and cost efficiencies. MNIT's Software Defined Data Center (SDDC) and hybrid cloud architecture is also rapidly evolving into a fully managed and support enterprise service standard for compute, storage and networking. This architecture will enable an automated DevSecOps process to increase MNIT's agility and service delivery goals and processes. An enterprise backup solution is needed that supports this architecture now and into the future as cloud technologies continue to evolve. Finally, our current enterprise contract with CommVault is set to expire on June 30, 2020. Our goal is to replace this contract with a new enterprise backup and recovery contract with minimal to no agency impact. A new vendor contract will also allow us to take advantage of new licensing models to reduce cost and increase flexibility for backing up disparate workloads in a hybrid cloud environment.	8/15/19		$116,000.00	$0.00	Ongoing	Green
116	MNIT Enterprise Services	FY22-23 Enterprise Service Rates	The MNIT Chief Financial Officer (CFO), the Deputy Commissioner (Deputy), and the Chief Technology Officer (CTO) jointly lead the rate-setting process. Finance manages the rate setting "program" but relies on the CTO and Deputy for deliverables and reviews of financial deliverables.	9/19/19		$80,000.00	$0.00	Ongoing	Green
117	MNIT Enterprise Services	High Availability Implementation for Secret Server (PAM Solution)	This project is the enterprise privileged account management (PAM) system's disaster recovery strategy implementation. The primary goal of this project is to ensure that privileged accounts are available in emergency situations.	3/1/19	6/28/19	$208,900.00	$9,240.00	Ongoing	Yellow
118	MNIT Enterprise Services	Mainframe Batch Scheduler (CA7) Upgrade	Project Description: To upgrade the CA-7 Mainframe scheduling system to the more current level (Release 12.0). Objective: To upgrade to release 12.0 of CA-7. Release 12.0 introduced CA Datacom Database and will be removing the use of VSAM files. The architecture for Release 12.0 has significantly changed over previously releases. Our current subject matter expert will be retiring in December 2019 and the mainframe disaster recovery and production hardware refresh are competing projects, prompting a need for assistance in the timely install of CA-7.	8/29/19		$148,200.00	$0.00	Ongoing	Green
119	MNIT Enterprise Services	Microsoft Exchange 2007 Decommissioning	The current Microsoft Exchange environment includes a subset of Exchange 2007 servers. While our overall Exchange environment includes more current Exchange servers, the 2007 servers must be decommissioned. These servers are currently used for SMTP relays and mail flow. Exchange 2007 is not only past Microsoft End of Life, it has been past extended support since April 11, 2017. There are no longer patches and/or security updates available for this outdated technology. This is a large risk for the State from both a security as well as a stability standpoint. This environment must be decommissioned. Goals and Objectives: Migrate processes that are currently used in the Exchange 2007 environment to Exchange 2013 and/or Exchange 2016 servers. Optimize network traffic for new environment. Remove Exchange 2007 servers. Clean-up legacy infrastructure (relay servers, network paths, etc.) Decommission unsupported Exchange environment Deliver all exchange 2007 services decommissioned Deliver updated exchange environment documentation Identify systems using SMTP relay	6/6/19		$365,000.00	$0.00	Ongoing	Green
120	MNIT Enterprise Services	Microsoft Intune Implementation/Airwatch MDM Tool Replacement	MNIT currently uses AirWatch to deliver mobile device management services to executive branch organizations. We will be replacing AirWatch with Microsofts' Intune application that will more closely tie in with our other Microsoft tools.	3/14/19	12/31/19	$470,000.00	$0.00	Ongoing	Green
121	MNIT Enterprise Services	Migration and Optimization of Archer Application	Provide Details: Archer is a governance, risk, compliance tool. We will be using the application to house, manage, and report IT security and IT risk audit/assessment findings across the enterprise. Plan is that MNIT staff and agency business staff will eventually have access to Archer. Project Description: The current deployment model of Archer resides on the RSA cloud environment. This requires MNIT to license individual users and reduces the ability of Enterprise Security-GRC to customize and give broader access to Archer for reporting, tracking and auditing enterprise risk and compliance. This project will move Archer application from RSA cloud to State owned and managed cloud infrastructure and customize the Archer environment for State use.	8/29/19		$662,200.00	$0.00	Ongoing	Green
122	MNIT Enterprise Services	MNIT Mainframe Disaster Recovery Exercise	Project Description: Mainframe Disaster Recovery Exercise Utilizing the remaining 56 of the 112 hours allotted via annual SunGard contract (9/1/2018-8/31/2019). Remaining 56 hours will be used for a possible 56 hour exercise in the fall of 2019. Objective: Perform a mainframe system recovery of operating system, middleware, and agency applications. Mainframe team will be building on the lessons learned last fall to update our documentation, plans, and processes as part of this project.	1/17/19	7/19/19	$285,700.00	$0.00	Completed	NA
123	MNIT Enterprise Services	Multi-factor authentication (MFA) for Office 365 / Azure	Build a supportable solution for enabling MFA (Multifactor Authentication) for all Executive Branch users of Office 365 / Azure. This solution will allow enablement of MFA for the users within the Office 365 / Azure application services. Additionally, fulfill any prerequisites associated or determined for MFA such as replacing any existing native email clients on mobile devices with Microsoft Outlook for iOS / Android, Proxy, GPO, Azure Hybrid Join, Office ADAL Keys, and SSPR (TBD pending testing results).	8/1/19		$147,600.00	$0.00	Ongoing	Green
124	MNIT Enterprise Services	New Oracle RACs implementation	This project involves procuring the needed hardware and software to stand up a new Oracle RAC environment. This environment will consist of 2 development and 2 production servers. Two development servers will physically reside in EDC1 and 2 production servers will be located at EDC4. This setting will allow for local redundancy and high availability using Oracle's Data Guard product. Objective: Procure hardware and the necessary Oracle software to install Oracle RAC software on two development servers in one data center and on two production serves in another.	1/31/19	4/29/19	$141,000.00	$5,800.00	Completed	NA
125	MNIT Enterprise Services	Nicus MPWR-Planning Module Implementation	Implement Nicus Planning module including upgrade to latest 5.12 version. Objective: (1) Provide improved budgetary control over software and hardware maintenance, (2) Enable multi-year rolling forecast that will reduce the time and effort required to establish service rates, (3) put MNIT on the latest planning platform that will reduce future on-going support costs	4/25/19	9/16/19	$170,000.00	$73,000.00	Completed	NA

Row	Agency	Name	Description	Start Date	Finish Date	Estimated Budget	IT Support and Maintenance Cost (annual)	Workflow State	Project Overall
126	MNIT Enterprise Services	Office 365 Message Encryption – V2 Implementation	Our State tenant is currently using an older version of encryption for email and needs to be upgraded to enhance both security and usability. Office 365 Message Encryption (OME) is a service built on Azure Rights Management (Azure RMS) that lets you send encrypted email to people inside or outside your organization, regardless of the destination email address (Gmail, Yahoo! Mail, Outlook.com, etc.). In order to enable this capability, Information Rights Management (IRM) must be enabled. What is IRM? IRM is "Information Rights Management." – It is a Microsoft capability in O365 that has several security capabilities such as increased security with Word Documents, SharePoint, etc. Implementing IRM is a future project; however, in order to implement the updated version of Message Encryption we need to "turn on" IRM (even though we will only configure the Email portion of it). Primary goals: * Enable and configure OME. * Enable and configure IRM to allow OME to function.	7/1/19	12/13/19	$118,000.00	$21,240.00	Ongoing	Green
127	MNIT Enterprise Services	Onboarding Optimization Phase 2	This project will be the second phase (Phase 2) of the effort to optimize MNIT's onboarding. Phase 1: Collecting onboarding requirements for MNIT Central Phase 2: Automate and improve a manual onboarding processes for MNIT Services Central employees excluding Contracted employees, This phase will streamline the way MNIT Enterprise Services does onboarding for new employees and may encompass both automation and process improvements to make the entire onboarding experience better for those impacted by the onboarding process. After automation and process improvements have been implemented and verified. The new and improved procedure will be a user friendly, functional, and automated process linking all applications to SEMA4. This will prevent the manual and tasking process of sending information to different units thereby missing important steps. Subsequent phases are out of scope. New Phases will have new PIR's, and new projects. Implementation of onboarding for MNIT at Agencies (out of scope)	8/29/19		$200,000.00	$36,000.00	Ongoing	Green
128	MNIT Enterprise Services	Remedy Implementation Wave 3	This project will leverage the work of the Communities of Practice to assist MNIT teams and customers in their adoption of Remedy Helix (MN Service Hub and Smart IT). Deploy Remedy on Demand to Wave 2 agencies that have yet to adopt Remedy (PCA, DEED & DOC), and Wave 3 agencies (MDE, MDH, DNR, DOR, DOT & DPS (excluding State Patrol and BCA)).	8/1/19		$180,000.00	$0.00	Ongoing	Green
129	MNIT Enterprise Services	SDL Tridion High Availability Across Data Centers	Goals: The goals of this project are to: * Make the SDL Tridion web platform more fault tolerant by load balancing across two datacenters * Make the platform less susceptible to power and network interruptions * Make the platform less susceptible to environment control failures in any one datacenter * Make the platform less susceptible to disk failure on virtual machine hosts in any one datacenter Project Objectives: The objectives will include: * Split off half of our existing redundant virtual machines and databases * Identify or acquire the necessary hardware in EDC4 (enterprise data center #4) * Migrate or rebuild those current systems to be used as HA systems in the alternate datacenter * We know we will require personnel from Middleware and Database teams; Identify personnel from EDC4 if necessary to assist	10/31/18	10/11/19	$92,000.00	$0.00	Ongoing	Green
130	MNIT Enterprise Services	Tanium Production Implementation Project	This project will implement the recently purchased Tanium technology within MNIT's enterprise IT environment. Goals and Objectives: Infrastructure build out Tanium production infrastructure architecture developed & documented to support 40,000 endpoints Tanium production infrastructure implemented to approved documented architecture Tanium application and modules (Core (search engine) and Discover) installed and configured Tanium Client Deployment Strategy and plan Tanium agent identified & documented for workstations, Linux & windows servers Data Collection, usage, and benefit analysis to agencies Tanium agents deployed to workstations, Linux & windows server endpoints, on-premises & in the cloud, per approved agent deployment documented plan Wave 3 – starts after July 2019	5/9/19		$42,800.00	$7,700.00	Ongoing	Green
131	MNIT Enterprise Services	Telecommunications/Service Delivery Process Improvement Pilot	Recently Network and Voice, and Enterprise Service Desk teams have identified gaps in service delivery that are impacting customer service. The goal of this project is to collaborate to fill these gaps by insuring that all team members understand their roles, responsibilities, and expectations of one another and are empowered with the resources they need to serve the customer. This project will examine current and pilot new Network and Voice Team processes, documentation, training, and communication and focus on the following areas: Internal to Network and Voice Teams Interaction between Network and Voice Teams and Enterprise Service Desk (Infrastructure and End User Support Teams) Interaction with customers	3/14/19	12/6/19	$160,500.00	$0.00	Ongoing	Green
132	MNIT Enterprise Services	VMware Horizon 7 Architecture Design & Deployment	Microsoft has significantly shortened the lifespan of operating systems running in the VDI environment, resulting in more frequent upgrades than in the past. This project will provide Enterprise teams with services necessary to expose applications that are compatible/incompatible and able to run on the new OS. Also, one of the key application management tools in the existing VDI environment goes end-of-support this year, and an upgrade/replacement requires re-tooling the entire VDI environment. MNIT has a need to provide a standard, consolidated virtual desktop and hosted application service that meets the needs of the current Citrix and VMware Horizon environments for the Department of Corrections, Pollution Control Agency, Department of Human Services and the Department of Labor and Industry. Current Citrix environments consist of several different software versions, some of which are no longer supported by the vendor and all of which are in need of upgrades to current versions. A separate VMware Horizon environment is used by DHS for virtual desktop purposes. The architecture of this system was designed for DHS-only use, but its use has been expanded to the Service Desk, Workstation Management and other Enterprise teams. Finally, the current environment does not provide support for Windows 10 virtual desktops, which are required to complete the Windows 10 Readiness project. This project will provide benefits in: extending a single service across the Enterprise, including customers who do not currently have these resources available; allowing users to authenticate using their standard agency Active Directory credentials rather than requiring user accounts in the MN-DHS1 domain; modernizing environments that have not been updated and patched; allowing Enterprise resources to support a single—rather than multiple—systems; and building the environment in the new SDDC environment to take advantage of micro-segmentation and automation. Objective: Architect and implement a VMware Horizon 7 to replace current Citrix and VDI systems used by DOC, PCA, DLI, DHS and Enterprise teams and expand its functionality to all Enterprise customers.	10/25/18	1/30/20	$850,100.00	$1,182,229.00	Ongoing	Yellow

Row	Agency	Name	Description	Start Date	Finish Date	Estimated Budget	IT Support and Maintenance Cost (annual)	Workflow State	Project Overall
133	MNIT Enterprise Services	Wave 3 Optimization	Effective July 1, 2019, MNIT is initiating Wave 3 of IT optimization efforts within the executive branch. This final wave of optimization into the workstation management and service desk enterprise services will occur in the FY20-21 biennium. The optimization work will be comprised of three phases: Discovery and Financials, Transition Planning and Service Improvement, and Enterprise Services Transition. In addition, the Department of Transportation has moved to Enterprise Hosting. Although these efforts are largely separate, the Project Manager assigned by DOT to assist with the Workstation and Service Desk transitions will also assist with the Managed Hosting transition with the same three phases of optimization work. Objective: This project will document current processes and performance metrics, identify quick wins and develop a transition plan led by the CBTOs. Deliverables: Agency IT and business adopt transformed processes using Enterprise tools. Blended Service Desk and Workstation functions and roles using the Enterprise support model. Reporting changes for senior service leaders. Metrics and dashboards for Wave 3 service delivery.	7/29/19	6/30/20	$1,000,000.00	$0.00	Ongoing	Green
134	MNIT MnGeospatial	MnGeo-DOT CRIS III ReWrite	MnGeo is developing the third Phase of cultural Resource Information System (CRIS III) Applications for MnDOT CRU (cultural Resource Unit). CRIS III REWRITE will focus on refining and enhancing CRIS II application by fixing existing errors and provide better tools and GIS functionality This is an 18 months project, on a $769,543.70 budget	5/15/19	12/31/20	$769,743.70	$7,200.00	Ongoing	Green
135	MNIT MnGeospatial	MnGeo-DOT CRM Portal Scoping	DOT CRM Portal Scoping This project will be reviewing the SHPO Portal, a MIAC Portal and processes, the OSA portal, CRIS, MAID and the Cultural Resources Library. DOT Contract #1034911. This project had also been referred to as "CRM Portal BA".	8/15/19	6/30/20	$120,000.00	$0.00	Ongoing	Green
136	MNIT MnGeospatial	MnGeo-SHPO Web Portal	MnGeo is developing web portal/Application that allows access only to SHPO staff and that contains SHPO's digital data (i.e. from MS Access databases). This is a 9 months project, on a $227,000.00 Budget. This is a Phase 1 of a three (3) Phase Project, where in this phase 1, an Application is developed for internal users, Phase 2 will be the scanning phase of the paper file to digitize them and Phase 3 is the integration of the scanned document and enhancement to incorporate spatial data will take place.

1- The single end product of Phase I of this project will be a new web portal accessible to SHPO staff that contains the office's digital data (all the SHPO's access database data but not the Data from the paper file). Currently, this consists of the six MS Access databases, namely: Historic inventory database, Compliance database, Archaeology database, Reports database, National registry database and Tax Credit (Tax Act) database. (The Tax Act database scope of work will be funded separately from the others by state monies.)
2 The new web portal will consist of a single database made available to SHPO through a web site and will include ability to perform data edits, search, and report generation capability. | 3/4/19 | 9/30/19 | $227,000.00 | $7,236.60 | On Hold | NA |
137	MNIT Salesforce COE	ELS - DOT Technical Certification System Replacement	The MnDOT Technical Certification group has a Technical Certification database they use to store and track Student, Class, Certification and instructor information. MnDOT also contracts out some of the work to Lake Superior College - LSC. LSC performs the administration and uses their learning management software for registration and tracking of classes, students, and instructors. Most data is kept in both the Technical Certification and Lake Superior College learning management system. At present time, the data is hand entered into both systems. The purpose of this conversion project will be to replace the existing Foxpro system and add new functionality to streamline the process of data transfers between the local system and the LSC. MNIT@DOT is documenting this project through Sciforma.	2/20/19	6/28/19	$34,000.00	$0.00	Cancelled	NA
138	MNIT Salesforce COE	ELS - POST Enhancements Project ITA18.040	Project on Create the following enhancement for the existing POST e-licensing application Application – · View by latest to earliest Approval Letter – · Bounced Email Contact – · Alternate email · License active/inactive message Continuing Education – · Attendance View · Instructor Credit Identification · Online Course Management · Remove course number approval process · Course roster deletion process · Submittal of non - approved coursed for review · Require skill school · Approval email Convenience Fee – · US Bank Processing Custom Reports – · Peace Officer (contact information and license information)to Law Enforcement Agency (contact information and license information) · PPOE Coordinator (contact information) to Students PPOE Coordinator (contact information) to PPOE Programs (contact information and license information) Data Imports – · New API Objective: Provide the business with desired enhancements	4/1/19		$180,000.00	$0.00	On Hold	NA
139	MNIT Salesforce COE	MN Office of Pipeline Safety (MNOPS) System Replacement (Phase 3)	Minnesota Office of Pipeline Safety (MNOPS) requested that the MNIT SaaS Application Development team build a custom Salesforce based application to replace their existing, ailing system. Phase 1 and 2 have been completed. Project is on hold awaiting federal funding from the Office of Pipeline Safety. Phase 3 funding has been approved and project will start at the next sprint.	9/16/19	12/31/19	$65,841.60	$5,000.00	Ongoing	Green
140	MNIT Security	Enterprise Log Management – Big Data Solution	Security Monitoring, technical IT teams, Business Partners, and Auditors rely on logs from IT systems and infrastructure to detect security events, solve IT problems, track business system changes, and meet audit requirements. This project will purchase and implement a modular solution that will provide the performance, capacity, expandability, and standardization to meet the log storage and retention requirements of the state now and into the future and ensure compatibility with current and future state needs regardless of vendor or platform.	3/27/19	6/30/19	$603,813.50	$0.00	Completed	NA
141	Natural Resources (DNR)	Bee Observation Data	In April 2019 - additional funding was obtained to provide some additional map features, allow promotion of data to another existing database, and edit existing data directly in the new Bee Database. A map based web tool was built to view, select, sort and download data from an existing be database. This effort was preceded by a requirements elicitation and documentation effort which resulted in the features that were being developed.	12/27/18	6/30/19	$38,765.00	$6,978.00	Completed	NA
142	Natural Resources (DNR)	Creel Application/Database	Mobile and desktop application for designing, storing and analyzing creel survey.	2/20/19		$35,000.00	$6,300.00	Ongoing	Green

Row	Agency	Name	Description	Start Date	Finish Date	Estimated Budget	IT Support and Maintenance Cost (annual)	Workflow State	Project Overall
143	Natural Resources (DNR)	Lake Floodplain Database Project	This project will ensure that lake floodplain data currently in Lakes DB are migrated, cleaned, and managed in a repository other than LakesDB. This includes: determining which data need to be migrated, establishing a new home for the data, ensuring that the data are consistent with other related data (ie., basin_id), migration of the data, establishing business procedures and workflows for ongoing maintenance, and documenting data, analysis, requirements, and decisions throughout the project. There will be pre-determined decision points identified in a project plan to evaluate analysis results and requirements and allow for informed decision-making. Therefore, it is intended that the project will be conducted in two phases: Phase 1: Inventory and documentation of authoritative data, analysis, requirements, decisions on data for inclusion, new home for data, identifying and correcting data quality issues, and establishing business procedures and workflows. Phase 2: Development of new home and interface, migration of data, data quality checks, and implementation of procedures and workflows.	3/11/19		$89,000.00	$16,020.00	Ongoing	Green
144	Natural Resources (DNR)	Native Plant Community Silvicultural Strategies Web Content Management System	The purpose of this effort is to create a web content management system to hold and maintain NPC silvicultural strategies information so that the information can be easily published to 54 separate NPC web pages on the DNR website following a consistent format.	3/20/19	12/31/19	$30,000.00	$5,400.00	Ongoing	Green
145	Natural Resources (DNR)	Public Water Access	Create a desktop and mobile application for all area offices that manage PWA sites to use to manage their work and communicate their needs.	11/7/18	12/31/19	$125,000.00	$22,500.00	Ongoing	Green
146	Nursing	3WB10 Nursing ALIMS Discipline Case Management	Build new modules to replace the legacy discipline case management system with the new technology in ALIMS (Automated Licensure Information Management Systems). At the end of this project, the system should be free of legacy code with no need to switch between new and old systems. Provide the following functionality in ALIMS: Intake and coding of a complaint, investigations, conferences and hearings, board administrative and disciplinary actions, compliance monitoring, non-compliance processing, case resolution, archiving, and reporting. RISKS MITIGATIONS Need accessibility and security reviews Available online/engage MNIT specialists Support after implementation Create support schedule indicating schedule & people involved Legacy activities running on same server Schedule considerations Tight deadline Keep track of schedule @ weekly progress meeting/ID MVP Ramp-up time: new developers/colleagues Incorporate time in schedule Competing ALIMS projects Inform other business owners of challenge Freeze times for deployment Establish schedule and inform those impacted Need to ensure thorough testing Hired QA, Nursing staff involved in UAT 3.0 implementation Many of same features: will test overall ALIMS Allow time for data conversion	11/15/18	10/15/19	$600,000.00	$0.00	Ongoing	Green
147	Physical Therapy	3WQ01 ALIMS Jurisprudence	The MN Board of Physical Therapy has proposed permanent rules relating to the physical therapy practice. This rule change, effective January 1, 2019 will require a new feature/enhancement to the ALIMS platform for Jurisprudence continuing education for physical therapists and physical therapist assistants. Beginning January 1, 2019, when a license is renewed each year in compliance with Minnesota Statutes, section 148.73, a licensee must complete self-study and take a jurisprudence examination according to the Board of Physical Therapy Practice Act. The licensee must receive a passing score as established by the board on an open-book examination. The examination may be retaken as many times as is necessary to pass. The goal of this project is the incorporation of the new exam into the Automated Licensure Information Management System (ALIMS) online renewal process and enhanced reporting capacity. A decision was made to initially develop the application for Physical Therapy, then to make enhancements as requested for other participating Boards. The Odyssey funding was used by the end of June, 2019. An Odyssey close report including lessons learned was prepared and approved by the ePMO. The project is now using board funding. Development and implementation for Marriage and Family Therapy, Social Work, and Nursing Home Administrators will be completed by the end of the year. This project used $26,726 in Odyssey funding and will use $56,434 in board funding.	10/2/18	12/31/19	$83,160.00	$0.00	Ongoing	Green
148	Pollution Control (PCA)	NEIEN NODE Amendment 3	The MNIT @ MPCA development team will assess and re-write the Portal and Field Work Notification online service due to the business's need of providing a modernize and user centric online service.	5/30/19	1/28/20	$112,000.00	$28,000.00	Ongoing	Green
149	Pollution Control (PCA)	RDP- Cleanup Data Access and LCCMR	This project will present groundwater data from active Superfund sites (83 sites) to the general public and technical users in a way that is simple, plain language and functional. Critical to success is meeting the timeline and deliverable requirement of the LCCMR grant to produce a web-based interactive map showing areas of groundwater contamination by June 30, 2020.	2/1/19		$100,000.00	$5,000.00	Ongoing	Green
150	Pollution Control (PCA)	RDP- Data Submittal Portal	The MPCA has a need for an electronic system to bring monitoring data into EQuIS in a standard format. One way this has been done is through formatted electronic data deliverable (EDD). The MPCA has developed EDDs in two standard formats, Lab_MN format for analytical data and EDGE_MN format, which may function for the collection of location and field data. EDDs are currently submitted by e-mail and processed manually by agency staff. The MPCA is looking for a fully automated portal, which may take advantage of EQuIS tools or be developed separately to meet all programs of the agency. This project will utilize the data of the 93 active Superfund sites to test the final solution based on the developed requirements.	1/24/19	4/23/20	$0.00	$0.00	Ongoing	Green

Row	Agency	Name	Description	Start Date	Finish Date	Estimated Budget	IT Support and Maintenance Cost (annual)	Workflow State	Project Overall
151	Pollution Control (PCA)	WDP - Monitoring Location Data Management	The goal of the Monitoring Location Data Management is to standardize the definition of "site" agency-wide. This project came out from the effort of Biological Monitoring Program but has been expanded in scope beyond it to encompass potentially all monitoring location data management at the MPCA. Currently monitoring location data management is conducted by the various MPCA monitoring programs using processes that have developed over time by the individual programs and which have different approaches to similar functions. This has resulted in a system where the data is hard to aggregate, due to format issues, duplication and data definition deficiencies. This project will create a new system that will allow all of the monitoring programs to manage their monitoring location data in a standardized and consistent manner while still meeting the specific differing business requirements of their respective programs. This is first project that is more focused on standardizing the definition of "site". During the life cycle of project, many things are discovered like going with the project in two phases. Phase I deals with non technical process to identify the similarities and different in the process followed by various programs involved in this project. SIPOC(Supply, Input, Process, Output, Consumer) method is used to analyze the processes of programs. SIPOC sessions are conducted with all program areas SME's by OIU(Organizational Improvements Units). Phase II deals with the technical process in developing a solution that meets the user needs.	1/25/19		$0.00	$0.00	Ongoing	Green
152	Pollution Control (PCA)	WDP/WATER - Watershed Support Phase III	For Phase 3, the project drivers include the team working on a solution for storing/ managing accountability data. The web pages will be displaying real time data and information, the completion of the restoration and protection strategy data collection, and the updating or creation of Tempo screens to ensure implementation data might be stored in Tempo. The MPCA is legislatively mandated to develop WRAPS/TMDLs and report on the progress of the implementation activities. This requires the collection of restoration and protection strategy goals and implementation strategies. The data surrounding these goals and strategies must be collected to allow for adequate reporting.	10/1/18	12/31/19	$105,000.00	$20,000.00	Ongoing	Green
153	Professional Educator Licensing and Standards Board (PELSB)	Clock Hours Rewrite	This project will develop a new web-based Clock Hours System that will replace the existing Clock Hours system. Most licensed educators are required to earn a specified number of clock hours to enable them to maintain and renew their licenses. The Clock Hours system is used by districts to report the clock hours that educators in that district have earned. The need for a replacement Clock Hours system arose because the legacy Clock Hours System is unable to handle the new tiered teacher licenses. To enable district reporting of clock hour information for individuals with tiered licenses, a new Clock Hours system needed to be developed.	12/3/18	4/3/20	$30,000.00	$5,000.00	Ongoing	Green
154	Professional Educator Licensing and Standards Board (PELSB)	PELSB Data Mart Project	This project will provide a centralized repository for PELSB-related data from various sources and systems, enabling reports and ad hoc data requests to be more readily available to both PELSB and, as permitted, MDE.	12/3/18	3/19/19	$50,000.00	$7,500.00	Cancelled	NA
155	Professional Educator Licensing and Standards Board (PELSB)	STAR Replacement Project	This project will replace a legacy system that gathers and stores educator staffing-related information. A replacement is needed because: 1. The legacy mainframe servers are being eliminated so the applications and databases using the mainframe must be replaced with more modern technology. 2. Recent legislative changes to educator licensing (license tiers) cannot be handled by the current legacy mainframe system.	4/1/19	6/25/2020	$150,000.00	$22,500.00	Ongoing	Yellow
156	Psychology	ELS - Psychology 2019 E-Licensing System Enhancements	Enhancements to existing E-licensing system identified by the Psychology Board to be paid by Odyssey funds ODY16.022.	4/1/19	9/30/19	$92,541.90	$18,500.00	Ongoing	Green
157	Public Safety (DPS)	Decommission Plan - DVS systems	Decommission MNLARS and all other DVS legacy systems including, but not limited to, permits, dealer licensing, fleet management and interagency title and transactions. Discover and document remaining business application dependencies on the mainframe and eSupport Interface with stakeholders to identify business work processes and requirements. Costs are being determined; the legislatively mandated date for MNLARS and legacy decommissioning is December 2021.	7/5/19	12/30/19	$0.00	$0.00	Ongoing	Green
158	Public Safety (DPS)	VTRS - Fast	The vehicle title and registration (VTRS) project is a two phase project to replace the Minnesota license and registration (MNLARS) and ancillary systems used to title and register motor vehicles. Phase 1 of the project is to replace the functionality for title and registration, dealer management, fleet management, permits, and document imaging. Phase 2 of the project is to replace the prorate functionality for the international registration plan (IRP) and the international fuel tax agreement (IFTA). The project team for phase 1 of the project will consist of teams representing title and registration, financials, dealers and inventory, interfaces, conversion, training, testing, technology support, change management and communications. Representatives from Driver and Vehicle Services (DVS), Minnesota IT Services (MNIT), deputy registrar offices, and Minnesota Automobile Dealers Association (MADA) are working with the vendor on the development and implementation of VTRS.	8/13/19	10/31/21	############	$4,250,000.00	Ongoing	Green
159	Public Safety (DPS) - Criminal Apprehension (BCA)	AFIS Oracle Backup/Restore Improvements (AFIS=Automated Fingerprint Identification System)	AFIS (Automated Fingerprint Identification System) database backups and restores are taking more time that is acceptable. Need to review the process to utilize additional software/tool features that will make the process more efficient. Phase 1: Health Check/Gap Analysis Review architecture and configurations for AFIS (Automated Fingerprint Identification System) and BCA business needs and results to date. Perform high-level health check/gap analysis of infrastructure for overall system health and Oracle best practices. Oracle backup architecture/design. Develop prototype/proof-of-concept tooling. Apply lessons learned and develop production implementation plan. Phase 2: NetApp Snap Center Implementation NetApp Snap Center planning, Complete Oracle RMAN integration in test and production. Validate prototype of the new backup architecture redesign. Complete Snap Center Install in both test and production. Complete production validation. Provide written documentation and knowledge transfer for DPS ongoing support. Phase 3: Production Implementation Production configuration: Configure production LUNs for new backups. Repeat prototype tooling and integrate into production. Monitor for timing and system bottlenecks and tune as needed. Complete RMAN restore preview and RMAN restore validate. Provide written documentation and knowledge transfer for DPS ongoing support.	11/28/18	3/31/19	$54,760.00	$0.00	Completed	NA

Row	Agency	Name	Description	Start Date	Finish Date	Estimated Budget	IT Support and Maintenance Cost (annual)	Workflow State	Project Overall
160	Public Safety (DPS) - Criminal Apprehension (BCA)	BCA/MNJIS Technical Toolset Refresh	The products in the current Minnesota Justice Information Services (MNJIS) Technical Toolset perform a number of different functions and facilitate the work of team members across many different job functions throughout the MNJIS area. A number of the tools team members rely on to perform their daily job responsibilities have been in place for many years and are approaching end of life – a few are past end of life and/or vendor support. Support in general has become more costly in maintenance agreement dollars and/or MNJIS personnel time required. Internal customization complicates installation of vendor provided updates to network software. These updates are becoming more critical to address vulnerabilities and secure systems and data from hacking threats. We need to determine how / what tools will replace the functions we depend on from our current technical tool set to continue effectively supporting BCA applications and related operations. This also provides an opportunity to identify gaps in our technical tool set or processes that should be addressed as we build toward the future.	12/1/18		$0.00	$0.00	Ongoing	Green
161	Public Safety (DPS) - Criminal Apprehension (BCA)	Drug Monitoring Initiative (DMI)	Drug Monitoring Initiative (DMI) Grant BCA received a federal grant for just under $1 million to begin the process of developing a dashboard similar to the DWI Dashboard to track drug-related data, working with law enforcement and the Departments of Health and Human Services. Possible data include drug seizures and arrests, lab drug submissions, prescription data, overdose deaths, toxicology data and additional treatment admissions. The dashboard is just one piece of the BCA's comprehensive effort to fight the opioid crisis in MN and is being led by the Investigations division.	1/1/19		$0.00	$0.00	Ongoing	Green
162	Public Safety (DPS) - Criminal Apprehension (BCA)	eCharging Citations Rewrite and DWI Mapping Enhancement	The eCharging service facilitates the movement of information between individual data systems in law enforcement, prosecution, courts and the state. This project will modernize the electronic charging (i.e. eCharging) application to reduce operations and maintenance costs, improve performance, improve functionality, improve ease of use, and will incorporate collection of geo-location information to help improve the accuracy of driving while intoxicated (DWI) citation location reporting and analytics performed in the DWI Dashboard application. A secondary goal of the modernized is to make the application reusable to support future projects, for example, the Juvenile petition project which is scheduled to begin the fourth quarter of calendar year 2019 is expected to leverage the architecture and underlying technology being established by this project.	2/1/19	9/30/20	$1,100,000.00	$198,000.00	Ongoing	Green
163	Revenue (DOR)	Remedy IT Request System	SDE to be replaced with the Minnesota Service Hub	4/1/19	1/30/20	$0.00	$0.00	Ongoing	Green
164	Tax Court	Tax Court Case Management System Phase 2	When this project is complete the MN Tax Court will have upgraded their CMS-C-Track from 1.21 to 1.27, an data integration with the District Court System, deployed the E-filing – Ctrak Module and Public Access C-Track Module. In order to accomplish these goals, the project will need to perform business analysis to gather business requirements for E-filing and Public Access. And thoroughly test all new deployments of v1.27, data integration with the District Court system, Public Access and E-filing.	11/1/18	1/15/20	$200,000.00	$95,000.00	Ongoing	Yellow
165	Transportation (MnDOT)	CADD Replacement 1792 AC2 3V3GE	MnDOT, in partnership with MNIT and Department of Administration, have requested vendor proposals to replace/upgrade our current CADD Software Platform (CSP) and Document Management System (DMS). The project includes the evaluation, selection, procurement, implementation, training and adoption of a new/upgraded software platform. The development of new workflows, standards, and business processes will be required to fully utilize the new and emerging technology resulting from the implementation.	10/3/18	10/2/20	$1,700,000.00	$306,000.00	Ongoing	Green
166	Transportation (MnDOT)	DPIR Replacement 1830 3V3LS	This project will be to replace the existing DPIR (Data Practice Information Request) that supports data integrity and maintains a log of all Data Practice Requests that MnDOT receives. This project is a long-term solution for the current DPIR application that is used daily. The current application is experiencing significant data integrity issues and an alternative solution is urgently required.	6/11/19	9/30/19	$33,997.00	$12,049.00	Ongoing	Green
167	Transportation (MnDOT)	Fleet Management Reporting 1820 AC2 3V3KL	The need is to have a more efficient and timely way to report and analyze the cost of "owning" a particular piece or category of equipment. The Office of Maintenance wants to develop an internal service fund for Fleet and use the reporting to determine the economic lifecycle of a vehicle. This would inform decision making about the budget needs for vehicle replacement and when it is more economical to lease equipment vs. purchase it. Additional data marts would be needed to report on compliance with preventative maintenance or required inspections, such as a dashboard for each truck station to know what maintenance and inspections are coming due and which are overdue.	2/12/19	2/28/20	$103,000.00	$35,689.00	Ongoing	Green
168	Transportation (MnDOT)	Org Chart Reporting Tool 1819 3V3KJ	The intent of this effort is to add to MnDOT's toolbox a software package that any supervisor can use to run real-time current and projected reports in org chart format that show (at a minimum) salary, FTE, and headcount information by PCN, name or vacancy, classification, SEMA4 and/or Fin Dept ID, and Bargaining unit.	7/12/19	1/31/20	$59,380.00	$35,024.00	Ongoing	Green
169	Transportation (MnDOT)	Remedy/Helix 1818 3V3KH	MNIT DOT initially was going to upgrade its existing Remedy on premise environment to the latest release of the BMC Remedy product suite (Remedy 18). However this project effort has changed to migrating to the new BMC Helix application and make the necessary configurations to support MnDOT MN.IT service management. Planned maintenance and support cost will be in-line with the current software with modified hosting costs following an IT-consolidated model with MN.IT Enterprise.	10/15/18	6/30/20	$103,800.00	$146,524.00	Ongoing	Green
170	Transportation (MnDOT)	Teammate Upgrade 1833 3V3LW	Upgrade to latest version of Teammate 12.4 and moving from a distributed ACCESS model to a centralized SQL server application.	7/17/19	10/31/19	$69,383.00	$122,343.00	Ongoing	Green
171	Transportation (MnDOT)	Tech Cert 1770 3V3CR	Scope, estimate, schedule and implement replacements and/or rewrites to FoxPro applications.	12/3/18	9/30/19	$123,800.00	$27,012.00	Ongoing	Green
172	Veterans Affairs	Homeless Veteran Registry 2.0	The Homeless Veteran Registry (HVR) was created by MDVA in 2014 as a mechanism to identify and track homeless veterans to assist with federal and state goals to end and prevent veteran homelessness. While the system has been generally adequate it requires updates to improve system performance and usability of the case conferencing tools, modernization of the SharePoint platform with web technologies and tools that are responsive, accessible and supported and fulfill state-wide mandate of data sharing by developing an external facing dashboard.	9/15/19	10/1/19	$220,000.00	$6,000.00	Ongoing	Green