

Business Case: Capital Asset Summary

Part I: Summary Information and Justification (All Capital Assets)

Section A: Overview & General Information

Date Investment First Submitted: 2009-06-30
Date of Last Change to Activities: 2020-09-29
Investment Auto Submission Date:
Date of Last Investment Detail Update: 2020-09-29
Date of Last Business Case Update: 2020-09-30
Date of Last Revision: 2021-01-29

Agency: 202 - U.S. Army Corps of Engineers **Bureau:** 00 - Agency-Wide Activity

1. Name of this Investment: Program and Project Management Information System (PROMIS)

2. Unique Investment Identifier (UJI): 202-000001033

Section B: Investment Detail

- Provide at least one Agency Strategic objective code ([A-11 Section 230](#)) and/or Agency Priority Goal code ([A-11 Section 250](#)) that this investment aligns to on performance.gov. If this investment aligns to more than one Agency strategic objective code and/or Agency Priority goal code list all that apply. If your agency does not report to performance.gov please use "0". This is required for Agency IT Portfolio Summary Part 1 and Part 2 Investments, not for Part 3 Investments.**

Agency Strategic Objective(s):

0: Not Applicable

Agency Priority Goal(s):

0: Not Applicable

- Briefly describe the investment's return on investment, including benefits internal and external to the government and outcomes achieved or planned.**
 - 1.) PROMIS provides methods for automating the USACE program and project management process
 - 2.) PROMIS enables customer focus and customer accessibility to project-related information.
 - 3.) PROMIS enables single point data entry
 - 4.) PROMIS provides consistency in quality management program systems.
 - 5.) PROMIS provides senior leadership with more timely information, thus improving decision making at the highest levels of the organization.
 - 6.) PROMIS optimizes the use of COTS, GOTS, and custom applications into a software portfolio reducing the need for higher level ad-hoc data calls.
 - 7.) PROMIS enables all levels of the organization the enhanced ability to measure program and project management performance.

3. If this investment will result in the elimination or the reduction of another major or non-major investment(s), please complete the following:

Table I.B.1 Affected Investment Information	
Investment UII	To Be Status
NONE	

4. Does the Investment currently include an intra- or inter-Agency shared service (common, shared, or centralized solution)?:
NO
5. Does the Investment plan to include an Intra- or Inter-Agency shared service that it does not currently include (common, shared, or centralized solution)?:
NO
6. If systems contained in this Investment collect data from the public, please identify the OMB Control Numbers which authorize that data collection as per the Paperwork Reduction Act. Use [Reginfo](#) at the following link to identify information collection requests and OMB control numbers. Agencies can work with their Records Officers to determine the applicability.
7. Provide the name of the Investment-level project manager:
Roger A. Moore
8. Select the qualification/experience level of the Investment-level project manager (select one):
4 - Other certification with 4 or more years PM experience (within the last five years)

Section C: Life Cycle Costs

1. Provide the total estimated life cycle costs for the investment in millions. Note: Do not enter information in the grey cells as these will be calculated.

Table I.C.1 Life Cycle Costs				
	PY-1 & Prior	PY 2021	CY 2022	BY 2023
Planning Costs:	0	0	0	0
DME (Excluding Planning) Costs:	0	0	0	0
DME (Including Planning) Govt. FTEs:	0	0	0	0
Sub-Total DME (including Internal Labor (Govt. FTE)):	0	0	0	0
O & M Costs:	\$17.150000	\$8.575000	\$8.950000	\$9.250000
O & M Internal Labor (Govt. FTE):	\$0.550000	\$0.275000	\$0.300000	0
Sub-Total O & M Costs (Including Internal Labor (Govt. FTE)):	\$17.700000	\$8.850000	\$9.250000	\$9.250000
Total Cost (Including Internal Labor (Govt. FTE)):	\$17.700000	\$8.850000	\$9.250000	\$9.250000
Total Cost Internal Labor (Govt. FTE) costs:	\$0.550000	\$0.275000	\$0.300000	0
# of FTE rep by costs:	3	3	3	3
Total change from prior year final President's Budget (\$)		\$8.850000	\$9.250000	
Total change from prior year final President's Budget		0.00%	0.00%	

Table I.C.1 Life Cycle Costs

	PY-1 & Prior	PY 2021	CY 2022	BY 2023
(%)				

2.
 - a. In which year did or will this investment begin? (specify year - e.g., PY-1= 2019)
2004
 - b. In which year will this investment reach the end of its estimated useful life? (specify year - e.g., FY+5 = 2027)
2030
3. Compare the funding levels for PY and CY to the final FY 2022 President's Budget for those same years. Briefly explain any significant changes. When making comparisons, ensure that you compare same-year-to-same-year (e.g., the FY20 level for 2020 versus the FY21 level for 2020):
No significant changes.

Business Case Detail: Performance Measurement Report

Section A1: General Information

1. **Name of this Investment:** PROGRAM AND PROJECT MANAGEMENT INFORMATION SYSTEM (PROMIS)
2. **Unique Investment Identifier (UII):** 202-000001033

Section C1: Projects Table

Projects Table C.1

Unique Project ID	Project Name	Project Goal	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)	Software Project?
H	Resource Management - OFA Replacement	Replace Current Oracle Financial Analyzer (OFA) COTs software functionality. Effort will replace two distinct functionalities with new COTs software.	11/15/2013	04/15/2017	\$2.3	
B	Civil Works - OFA Replacement	Replace Current Oracle Financial Analyzer (OFA) COTs software functionality. Effort will replace six distinct functionalities.	11/15/2013	10/01/2016	\$1.5	

Section C2: Project Activities

1. Provide all non-agile project activities for projects in Table C.1 that started in a previous FY (PY and earlier) and that have not been completed by the beginning of the CY, as well as activities that are scheduled to start in the current FY and BY.

Project Activity Table C.2.1

Unique Project ID	Activity Name	Activity Description	Structure ID	Planned Start Date	Projected Start Date	Actual Start Date	Planned Completion Date	Projected Completion Date	Actual Completion Date	Planned Total Costs	Projected Total Costs	Actual Total Costs
H	Acquire Oracle Hyperion Planning Plus	Acquire Oracle Hyperion Planning Plus license	H.1.1	2013-11-15	2013-11-15	2013-11-15	2013-12-31	2013-12-31	2013-11-30	0.300000	0.300000	0.287000
B	Civil Works Work Allowance Document-Migration	Replace OFA Civil Works Work Allowance Document Functionality by Migrating the Functionality to the CEFMS IT Investment	B.7	2015-07-01	2015-07-01	2015-10-01	2016-06-01	2016-10-01	2016-09-30	0.300000	0.370000	0.370000

Project Activity Table C.2.1

Unique Project ID	Activity Name	Activity Description	Structure ID	Planned Start Date	Projected Start Date	Actual Start Date	Planned Completion Date	Projected Completion Date	Actual Completion Date	Planned Total Costs	Projected Total Costs	Actual Total Costs
H	Discovery of the "as is" CEMRS OFA system	Engage in a discovery period to evaluate every aspect of the current implementation of CEMRS to assess the quality of software construction, completion and performance. Any shortcomings should be ranked by severity	H.1.2	2015-08-31	2015-08-31	2015-09-01	2016-06-20	2016-06-30	2016-06-30	0.200000	0.400000	0.400000
B	Civil Works-Continuing Authorities Program	Replace OFA Civil Works Continuing Authorities Program Management and Tracking Functionality	B.6	2015-01-01	2015-01-01	2015-01-12	2016-06-30	2016-10-01	2016-10-03	0.200000	0.200000	0.100000
B	Civil Works-2101 Module	Replace OFA Civil Works Project Fiscal and Milestone Schedules Development Functionality (2101)	B.5	2016-06-01	2016-06-01	2016-07-01	2016-10-01	2016-10-01	2016-10-03	0.300000	0.300000	0.300000
H	Resource Management – CEMRS Module	Replace OFA Resource Management – CEMRS Module functionality with new COTs	H.1	2013-11-15	2013-11-15	2013-11-15	2017-04-15	2017-04-15	2017-04-15	2.300000	2.500000	2.487000

Project Activity Table C.2.1

Unique Project ID	Activity Name	Activity Description	Structure ID	Planned Start Date	Projected Start Date	Actual Start Date	Planned Completion Date	Projected Completion Date	Actual Completion Date	Planned Total Costs	Projected Total Costs	Actual Total Costs
		solution - Hyperion Planning Plus										
H	Design and Implement New CERMS	Design and Implement New CERMS based on Oracle Hyperion Planning Plus	H.1.3	2015-08-31	2015-08-31	2015-09-01	2017-04-15	2017-04-15	2017-04-15	1.100000	1.100000	1.100000
H	Resource Management-WWP Module	Phase II Replace OFA Resource Management – WWP Module functionality with new COTs solution - Hyperion Planning Plus - Phase II	H.1.4	2015-08-31	2015-08-31	2015-09-01	2017-04-15	2017-04-15	2017-04-15	0.700000	0.700000	0.700000

Section D: Operational Data

1. **Provide the date and results of the last Operational Analysis (for operational and mixed life cycle systems/Investments):**
 1. **Date of Analysis:**
 2. **Analysis Results:**
 3. **Analysis Conclusion:** initiate modernization/replacement action
2. **Report a minimum of 5 metrics using the following table to provide metrics and actual results for each individual metric:**

Page 9 / 22 of Business Case Date of Last Revision: 2021-01-29 Business Case (2022)

Metrics Definitions and Actual Results Table D.2 / D.3										
Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
	Resolved		Business Results							
					Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment	
					1070	291321	94.000000	08/13/2021		
					1070	289884	97.400000	07/15/2021		
					1070	287819	100.000000	06/24/2021		
					1070	286474	90.000000	05/27/2021		
					1070	284148	100.000000	04/08/2021		
					1070	281774	100.000000	03/11/2021		
					1070	278357	100.000000	02/09/2021		
					1070	277578	100.000000	01/06/2021		
					1070	277577	100.000000	12/07/2020		
					1070	277576	98.300000	11/09/2020		
					1070	277575	100.000000	10/06/2020		
					1070	277574	100.000000	09/07/2020		
					1070	267694	90.120000	08/03/2020		
					1070	267693	84.200000	07/06/2020	Ticket increase of major upgrade to Oracle Primavera 19.12.4	
					1070	267692	86.750000	06/08/2020	Ticket increase of Major upgrade to Oracle Primavera 19.12.4	

Metrics Definitions and Actual Results Table D.2 / D.3										
Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
					1070	267691	95.300000	09/30/2016		
					1070	267690	95.000000	08/31/2016		
					1070	267689	94.170000	10/14/2015		
					1070	261301	100.000000	05/06/2020		
					1070	260526	100.000000	04/06/2020		
					1070	257800	99.610000	03/09/2020		
					1070	256914	95.580000	02/05/2020		
					1070	254848	100.000000	01/07/2020		
					1070	253086	100.000000	12/03/2019		
					1070	251571	100.000000	11/07/2019		
					1070	250069	100.000000	10/08/2019		
					1070	249177	100.000000	08/06/2019		
					1070	249176	100.000000	09/06/2019		
					1070	244968	100.000000	07/08/2019		
					1070	243631	100.000000	06/07/2019		
					1070	242822	100.000000	05/03/2019		
					1070	240773	100.000000	03/11/2019		

Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
					1070	240772	100.000000	04/05/2019		
					1070	236953	100.000000	02/06/2019		
					1070	235842	100.000000	01/07/2019		
					1070	235177	100.000000	12/04/2018		
					1070	233900	100.000000	11/07/2018		
					1070	231920	100.000000	10/03/2018		
					1070	227112	100.000000	08/08/2018		
					1070	227111	100.000000	09/13/2018		
					1070	225823	100.000000	07/11/2018		
					1070	224406	100.000000	06/04/2018		
					1070	222172	100.000000	05/04/2018		
					1070	220595	100.000000	04/06/2018		
					1070	219615	100.000000	03/06/2018		
					1070	217621	100.000000	02/07/2018		
					1070	216150	98.000000	01/11/2018		
					1070	214124	100.000000	12/06/2017		
					1070	212054	100.000000	09/30/2017		

Metrics Definitions and Actual Results Table D.2 / D.3										
Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
					1070	212053	100.000000	10/31/2017		
					1070	193547	100.000000	05/31/2017		
					1070	193546	100.000000	06/30/2017		
					1070	193545	100.000000	07/31/2017		
					1070	193544	100.000000	08/31/2017		
					1070	189511	100.000000	04/30/2017		
					1070	187296	98.000000	04/21/2017		
					1070	184547	95.400000	01/01/2017		
					1070	184546	95.600000	02/09/2017		
					1070	184545	95.600000	03/09/2017		
					1070	178096	95.100000	12/01/2016		
					1070	175677	95.000000	10/31/2016		
					1070	165853	93.330000	05/12/2016		
					1070	163468	92.600000	04/22/2016		
					1070	161392	92.600000	03/08/2016		
					1070	156979	95.670000	01/19/2016		
					1070	154338	94.520000	12/07/2015		

Metrics Definitions and Actual Results Table D.2 / D.3										
Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
					1070	153081	92.130000	11/11/2015		
					1070	149502	93.130000	09/18/2015		
					1070	145297	94.660000	07/13/2015		
					1070	141605	95.670000	06/11/2015		
					1070	138089	95.800000	05/14/2015		
					1070	134505	98.710000	04/13/2015		
					1070	120827	91.530000	01/13/2015		
					1070	116719	94.860000	12/05/2014		
					1070	112543	93.120000	11/17/2014		
					1070	109353	96.720000	10/17/2014		
					1070	106763	94.230000	08/11/2014		
					1070	99491	95.090000	07/17/2014		
					1070	94139	98.440000	06/13/2014		
					1070	91761	94.120000	04/14/2014		
					1070	91759	91.380000	05/14/2014		
					1070	84635	87.310000	03/12/2014	Reflects infrastructure/HW outage 6-7 Feb	
					1070	80935	89.770000	02/11/2014	Reflects OFA update process failure that occurred on 1,27,28 and 29 Jan	

Metrics Definitions and Actual Results Table D.2 / D.3										
Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
					1070	77135	100.000000	01/13/2014		
					1070	75019	90.890000	12/13/2013		
					1070	70571	98.850000	11/18/2013		
					1070	68655	100.000000	10/16/2013		
					1070	63967	100.000000	08/08/2013		
					1070	61152	100.000000	07/15/2013		
					1070	59089	100.000000	06/13/2013		
					1070	57441	93.990000	05/14/2013		
					1070	53825	94.540000	04/12/2013		
					1070	48725	100.000000	03/18/2013		
					1070	45005	98.090000	02/13/2013		
					1070	39365	100.000000	01/10/2013		
					1070	36539	103.000000	12/06/2012		
					1070	34603	97.000000	11/02/2012		
					1070	29699	105.000000	10/09/2012		
					1070	2503	100.000000	11/09/2012		
1068	Percent System Availability	percentage	2 - Strategic and Business Results	0.000000	97.000000	97.000000	Over target	Monthly		No

Metrics Definitions and Actual Results Table D.2 / D.3										
Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
					Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment	
					1068	291322	100.000000	08/13/2021		
					1068	289885	100.000000	07/15/2021		
					1068	287820	100.000000	06/24/2021		
					1068	286475	97.000000	05/27/2021		
					1068	284149	100.000000	04/08/2021		
					1068	281775	100.000000	03/11/2021		
					1068	278359	100.000000	02/16/2021		
					1068	278358	100.000000	01/05/2021		
					1068	277582	100.000000	12/07/2020		
					1068	277581	100.000000	11/06/2020		
					1068	277580	100.000000	10/07/2020		
					1068	277579	100.000000	09/06/2020		
					1068	267700	99.600000	08/03/2020		
					1068	267699	99.300000	07/06/2020		
					1068	267698	99.460000	06/08/2020		
					1068	267697	97.000000	09/30/2016		

Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
					1068	267696	82.500000	08/31/2016		
					1068	267695	100.000000	10/14/2015		
					1068	261302	99.900000	05/06/2020		
					1068	260527	100.000000	04/06/2020		
					1068	257801	100.000000	03/09/2020		
					1068	256915	99.990000	02/05/2020		
					1068	254849	100.000000	01/07/2020		
					1068	253087	99.900000	12/03/2019		
					1068	251572	99.990000	11/07/2019		
					1068	250070	100.000000	10/08/2019		
					1068	249179	100.000000	08/06/2019		
					1068	249178	100.000000	09/06/2019		
					1068	244969	100.000000	07/08/2019		
					1068	243632	100.000000	06/07/2019		
					1068	242823	100.000000	05/03/2019		
					1068	240775	100.000000	03/11/2019		
					1068	240774	100.000000	04/05/2019		

Metrics Definitions and Actual Results Table D.2 / D.3										
Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
					1068	236954	100.000000	02/06/2019		
					1068	235843	100.000000	01/07/2019		
					1068	235178	100.000000	12/04/2018		
					1068	233901	100.000000	11/07/2018		
					1068	231921	100.000000	10/03/2018		
					1068	227114	100.000000	08/08/2018		
					1068	227113	100.000000	09/13/2018		
					1068	225824	100.000000	07/11/2018		
					1068	224407	100.000000	06/04/2018		
					1068	222173	100.000000	05/04/2018		
					1068	220596	100.000000	04/06/2018		
					1068	219616	100.000000	03/06/2018		
					1068	217622	100.000000	02/07/2018		
					1068	216151	100.000000	01/11/2018		
					1068	214125	100.000000	12/06/2017		
					1068	212056	100.000000	09/30/2017		
					1068	212055	99.000000	10/31/2017		

Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
					1068	193551	100.000000	05/31/2017		
					1068	193550	100.000000	06/30/2017		
					1068	193549	98.900000	07/31/2017		
					1068	193548	100.000000	08/31/2017		
					1068	189513	100.000000	04/30/2017		
					1068	187298	99.000000	04/21/2017		
					1068	184554	97.000000	01/01/2017		
					1068	184553	97.000000	02/09/2017		
					1068	184552	100.000000	03/09/2017		
					1068	184551	100.000000	03/22/2017		
					1068	178098	97.000000	12/01/2016		
					1068	175679	97.000000	10/31/2016		
					1068	165857	92.270000	05/12/2016		
					1068	163469	100.000000	04/22/2016		
					1068	161391	100.000000	03/08/2016		
					1068	156981	100.000000	01/19/2016		
					1068	154336	100.000000	12/07/2015		

Metrics Definitions and Actual Results Table D.2 / D.3										
Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
					1068	153084	100.000000	11/11/2015		
					1068	149504	100.000000	09/18/2015		
					1068	145299	99.930000	07/13/2015	Reflects CPC network outage on 6/05	
					1068	141611	98.930000	06/11/2015	Reflects CPC network outage on 5/14	
					1068	138085	100.000000	05/14/2015		
					1068	134513	100.000000	04/13/2015		
					1068	120833	100.000000	01/13/2015		
					1068	116725	100.000000	12/05/2014		
					1068	112547	99.600000	11/17/2014	Relfect M9000 outage on 10/10	
					1068	109355	100.000000	10/17/2014		
					1068	106767	99.330000	08/11/2014		
					1068	99493	100.000000	07/17/2014		
					1068	94145	100.000000	06/13/2014		
					1068	91757	99.730000	04/14/2014		
					1068	91755	100.000000	05/14/2014		
					1068	84639	95.830000	03/12/2014		
					1068	80939	100.000000	02/11/2014		

Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
					1068	77137	100.000000	01/13/2014		
					1068	75023	100.000000	12/13/2013		
					1068	70579	100.000000	11/18/2013		
					1068	68659	100.000000	10/16/2013		
					1068	63963	100.000000	08/08/2013		
					1068	61150	100.000000	07/15/2013		
					1068	59087	100.000000	06/13/2013		
					1068	57437	100.000000	05/14/2013		
					1068	53821	100.000000	04/12/2013		
					1068	48721	95.830000	03/18/2013		
					1068	45001	100.000000	02/13/2013		
					1068	39361	99.300000	01/10/2013		
					1068	36535	97.990000	12/06/2012		
					1068	34599	99.600000	11/02/2012		
					1068	29695	100.000000	10/09/2012		
					1068	21473	97.730000	12/09/2012		
					1068	16853	98.280000	01/09/2012		

Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
					1068	13699	99.760000	02/09/2012		
					1068	2499	100.000000	11/09/2012		