

October 23, 2023

**Undertaking #017**

MPI update MPI exhibit 24, CAC-IR-1-1 and provide the numbers for 26/27 and 27/28

**RESPONSE:**

Please refer to Appendix 1, figures 1 and 2 below for Basic Implementation Expenses Deferred for Rate Setting Purposes and Recovery Schedule.

Line No.	Project Name	Implementation Expenses Deferred for Rate Setting Purposes						Total Implementation Expenses Deferred	Recovery of Implementation Expenses Deferred						Total Implementation Expenses Recovered
		2022/23A	2023/24F	2024/25B	2025/26B	2026/27B	2027/28B		2026/27F	2027/28F	2028/29F	2029/30F	2030/31F	2031/32F	
1	(C\$000s, except where noted)														
2	Cyber Security Maturity Assessment (ISM)		-	-	-	-	-	-	22,979	22,979	22,979	22,979	22,977		114,893
3	Network Operations Centre as a Service		-	-	-	-	-	-	18,132	18,132	18,132	18,132	18,131		90,659
4	IBM Infrastructure Refresh - M/S Windows Server 2012		-	-	-	-	-	-	119,400	119,400	119,400	119,400	119,402		597,002
5	Vulnerability Management		212,777	-	-	-	-	212,777	76,249	76,249	76,249	76,249	76,248		381,244
6	IT GRC Framework		-	-	-	-	-	-	60,587	60,587	60,587	60,587	60,588		302,936
7	Cloud Security Enhancement		-	-	-	-	-	-	5,386	5,386	5,386	5,386	5,384		26,928
8	Detection Capability Enhancement		-	-	-	-	-	-	17,713	17,713	17,713	17,713	17,712		88,564
9	Enterprise Monitoring (impaired - no future value) (TRM 2021/22)		-	-	-	-	-	-	53,360	53,360	53,360	53,360	53,361		266,801
10	Static Application Security Testing (SAST) (2891) (TRM 2021/22)		252,204	-	-	-	-	252,204	81,324	81,324	81,324	81,324	81,321		406,617
11	Cryptographic Key Management (2866) (TRM 2021/22)		16,038	-	-	-	-	16,038	28,210	28,210	28,210	28,210	28,209		141,049
12	Privileged Access Management (PAM) - Enterprise Environment (TRM 2021/22)		172,287	-	-	-	-	172,287	125,590	125,590	125,590	125,590	125,590		627,950
13	IBM Infrastructure Refresh - SQL 2012 (TRM 2021/22)		-	-	-	-	-	-	5,031	5,031	5,031	5,031	5,030		25,154
14	Infrastructure Security Capacity Initiative (TRM 2021/22)		-	-	-	-	-	-	(168)	(168)	(168)	(168)	(166)		(838)
15	IBM Infrastructure Refresh - Windows 2012 Server (TRM 2021/22)		-	-	-	-	-	-	1,093	1,093	1,093	1,093	1,093		5,465
16	IBM Infrastructure Refresh (iseries) (TRM 2021/22)		-	-	-	-	-	-	1,710	1,710	1,710	1,710	1,709		8,549
17	Privileged Access Management (Enterprise Environment) (impaired - no future value)		-	-	-	-	-	-	132,068	132,068	132,068	132,068	132,068		660,340
18	Infrastructure Security Remediation (TRM 2020/21)		-	-	-	-	-	-	267	267	267	267	267		1,335
19	HRMS Gap Analysis		-	-	-	-	-	-	39,991	39,991	39,991	39,991	39,989		199,953
20	eTransfer Capability		8,271	-	-	-	-	8,271	32,359	32,359	32,359	32,359	32,359		161,795
21	eSignature		2,005	-	-	-	-	2,005	108,606	108,606	108,606	108,606	108,604		543,028
22	eCash payment capability and direct deposit		-	-	-	-	-	-	282	282	282	282	283		1,411
23	Claims Dispute Tribunal Implementation		26,456	-	-	-	-	26,456	5,686	5,686	5,686	5,686	5,685		28,429
24	Customer Experience Maturity		-	-	-	-	-	-	8,848	8,848	8,848	8,848	8,846		44,238
25	BPM & Lean CoE 1.0		-	-	-	-	-	-	6,184	6,184	6,184	6,184	6,184		30,920
26	ORM Roadmap & Taxonomy		-	-	-	-	-	-	2,299	2,299	2,299	2,299	2,301		11,497
27	Cloud backup & Recovery		-	-	-	-	-	-	15,363	15,363	15,363	15,363	15,365		76,817
28	Key Management Fortanix		14,702	-	-	-	-	14,702	32,400	32,400	32,400	32,400	32,401		162,001
29	Investment Reporting Solution		-	-	-	-	-	-	267	267	267	267	269		1,337
30	VFN 2.0		-	-	-	-	-	-	223	223	223	223	222		1,114
31	Prosci ECM License		-	-	-	-	-	-	19,657	19,657	19,657	19,657	19,657		98,285
32	BPM and Lean CoE 2.0		324,529	-	-	-	-	324,529	84,295	84,295	84,295	84,295	84,297		421,477
33	Total Loss Payment by e-Transfer		12,251	-	-	-	-	12,251	12,221	12,221	12,221	12,221	12,223		61,107
34	Automated Driver Examiner Scoring		48,263	-	-	-	-	48,263	9,653	9,653	9,653	9,653	9,651		48,263
35	Culture 2.0 Framework		-	-	-	-	-	-	15,444	15,444	15,444	15,444	15,444		77,220
36	Employee Experience		-	-	-	-	-	-	8,518	8,518	8,518	8,518	8,518		42,590
37	Leadership Agility Sustainment		-	-	-	-	-	-	36,487	36,487	36,487	36,487	36,489		182,437
38	Coaching Skills		-	-	-	-	-	-	2,729	2,729	2,729	2,729	2,731		13,647
39	Desktop as a Service		-	-	-	-	-	-	59,292	59,292	59,292	59,292	59,294		296,462
40	Unified Endpoint Management		-	-	-	-	-	-	16,095	16,095	16,095	16,095	16,095		80,475
41	ECM – Collaboration Migration		6,683	-	-	-	-	6,683	171,573	171,573	171,573	171,573	171,574		857,866
42	ECM – Intranet 2.0		98,539	-	-	-	-	98,539	26,638	26,638	26,638	26,638	26,638		133,190
43	ECM Program		-	-	-	-	-	-	27,755	27,755	27,755	27,755	27,753		138,773
44	Knowledge Net & Brokers Online		435,699	-	-	-	-	435,699	148,796	148,796	148,796	148,796	148,794		743,978
45	Power BI Rollout Phase 2		-	-	-	-	-	-	25,632	25,632	25,632	25,632	25,630		128,158
46	Enterprise Information Architect for DMA		-	-	-	-	-	-	12,422	12,422	12,422	12,422	12,422		62,110
47	Duck Data mart enrichment		-	-	-	-	-	-	6,674	6,674	6,674	6,674	6,673		33,369
48	DMA - New Data Modelling Tool		-	-	-	-	-	-	44,085	44,085	44,085	44,085	44,083		220,423
49	DMA - Data Governance Tool Implementation Part - 1		25,988	-	-	-	-	25,988	5,398	5,398	5,398	5,398	5,399		26,991
50	BI3 Upgrade to Cloud		1,596,033	-	-	-	-	1,596,033	375,237	375,237	375,237	375,237	375,239		1,876,187
51	Cloud Migration		1,334,664	-	-	-	-	1,334,664	424,636	424,636	424,636	424,636	424,637		2,123,181
52	ECM-Public Website		-	-	-	-	-	-	72,449	72,449	72,449	72,449	72,451		362,247
53	ECM Content Architecture		45,392	-	-	-	-	45,392	14,850	14,850	14,850	14,850	14,850		74,250
54	Taxi Telematics		278,233	-	-	-	-	278,233	55,688	55,688	55,688	55,688	55,686		278,438
55	Independent Vulnerability & Penetration Testing		38,907	-	-	-	-	38,907	7,928	7,928	7,928	7,928	7,926		39,638
56	Configuration Hardening Enhancements		109,964	-	-	-	-	109,964	22,139	22,139	22,139	22,139	22,139		110,695
57	Enhance Detection Capability of Cloud and Digital Assets		594,416	-	-	-	-	594,416	119,175	119,175	119,175	119,175	119,177		595,877

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58	Master Data Management	230,034	-	-	-	230,034	46,007	46,007	46,007	46,007	46,006	230,034				
59	BI Report Rationalization	-	212,444	-	-	212,444	42,489	42,489	42,489	42,489	42,488	212,444				
60	Content Architecture Phase 2	-	185,625	-	-	185,625	37,125	37,125	37,125	37,125	37,125	185,625				
61	EFM - CX & EX Data Collection	-	371,250	-	-	371,250	74,250	74,250	74,250	74,250	74,250	371,250				
62	2023/24 Unallocated Budget	-	11,753,549	-	-	11,753,549	2,350,710	2,350,710	2,350,710	2,350,710	2,350,709	11,753,549				
63	2024/25 Unallocated Budget	-	-	13,654,575	-	13,654,575	2,730,915	2,730,915	2,730,915	2,730,915	2,730,915	13,654,575				
64	2025/26 Unallocated Budget	-	-	-	18,109,575	18,109,575	3,621,915	3,621,915	3,621,915	3,621,915	3,621,915	18,109,575				
65	2026/27 Technology Risk Management	-	-	-	3,341,250	3,341,250	668,250	668,250	668,250	668,250	668,250	3,341,250				
66	Program NOVA	2,163,842	2,528,496	1,098,705	342,360	503,470	6,636,873	579,104	613,340	663,687	663,687	3,847,194				
67	NOVA ongoing operations	8,623,873	6,044,888	1,936,144	(454,896)	(770,236)	15,379,773	1,660,491	1,615,001	1,537,977	1,537,977	9,427,401				
68	NOVA deferred development amortization expense	-	-	1,196,676	2,872,021	2,872,021	6,940,718	2,872,021	2,872,021	2,872,021	2,872,021	17,232,126				
69	ePMO ongoing operations expenses	-	-	3,913,589	4,267,727	4,634,261	1,028,698	13,844,275	1,636,263	2,563,115	2,768,855	13,638,535				
70	<b>Total Implementation Expenses</b>	-	<b>29,194,918</b>	<b>26,141,548</b>	<b>26,608,827</b>	<b>10,734,996</b>	<b>3,633,953</b>	<b>96,314,242</b>	<b>-</b>	<b>18,478,195</b>	<b>20,062,044</b>	<b>20,241,107</b>	<b>20,241,107</b>	<b>20,241,101</b>	<b>6,874,527</b>	<b>106,138,080</b>

Line No.	Project Name	Total Implementation Expenses					Recovery of Implementation Expenses Deferred					Total Implementation Expenses Recovered	
		2023/24F	2024/25B	2025/26B	2026/27B	2027/28B	2026/27F	2027/28F	2028/29F	2029/30F	2030/31F		2031/32F
1	<i>(CS000s, except where noted)</i>												
2	Cyber Security Maturity Assessment (ISM)	-	-	-	-	-	-	-	-	-	-	-	-
3	Network Operations Centre as a Service	-	-	-	-	-	-	-	-	-	-	-	-
4	IBM Infrastructure Refresh - M/S Windows Server 2012	-	-	-	-	-	-	-	-	-	-	-	-
5	Vulnerability Management	212,777	-	-	-	-	212,777	42,555	42,555	42,555	42,555	42,555	212,777
6	IT GRC Framework	-	-	-	-	-	-	60,587	60,587	60,587	60,587	60,588	242,349
7	Cloud Security Enhancement	-	-	-	-	-	-	-	5,386	5,386	5,386	5,384	21,542
8	Detection Capability Enhancement	-	-	-	-	-	-	-	17,713	17,713	17,713	17,712	70,851
9	Enterprise Monitoring (impaired - no future value) (TRM 2021/22)	-	-	-	-	-	-	-	53,360	53,360	53,360	53,361	213,441
10	Static Application Security Testing (SAST) (2891) (TRM 2021/22)	252,204	-	-	-	-	252,204	50,441	81,324	81,324	81,324	81,321	375,734
11	Cryptographic Key Management (2866) (TRM 2021/22)	16,038	-	-	-	-	16,038	3,208	28,210	28,210	28,210	28,209	116,047
12	Privileged Access Management (PAM) - Enterprise Environment (TRM 2021/22)	172,287	-	-	-	-	172,287	34,457	125,590	125,590	125,590	125,590	536,817
13	IBM Infrastructure Refresh - SQL 2012 (TRM 2021/22)	-	-	-	-	-	-	-	5,031	5,031	5,031	5,030	20,123
14	Infrastructure Security Capacity Initiative (TRM 2021/22)	-	-	-	-	-	-	-	(168)	(168)	(168)	(166)	(670)
15	IBM Infrastructure Refresh - Windows 2012 Server (TRM 2021/22)	-	-	-	-	-	-	-	1,093	1,093	1,093	1,093	4,372
16	IBM Infrastructure Refresh (iseries) (TRM 2021/22)	-	-	-	-	-	-	-	1,710	1,710	1,710	1,709	6,839
17	Privileged Access Management (Enterprise Environment) (impaired - no future value)	-	-	-	-	-	-	-	132,068	132,068	132,068	132,068	528,272
18	Infrastructure Security Remediation (TRM 2020/21)	-	-	-	-	-	-	-	267	267	267	267	1,068
19	HRMS Gap Analysis	-	-	-	-	-	-	-	39,991	39,991	39,991	39,989	159,962
20	eTransfer Capability	8,271	-	-	-	-	8,271	1,654	32,359	32,359	32,359	32,359	131,090
21	eSignature	2,005	-	-	-	-	2,005	401	108,606	108,606	108,606	108,604	434,823
22	eCash payment capability and direct deposit	-	-	-	-	-	-	-	282	282	282	283	1,129
23	Claims Dispute Tribunal Implementation	26,456	-	-	-	-	26,456	5,291	5,686	5,686	5,686	5,685	28,034
24	Customer Experience Maturity	-	-	-	-	-	-	-	8,848	8,848	8,848	8,846	35,390
25	BPM & Lean CoE 1.0	-	-	-	-	-	-	-	6,184	6,184	6,184	6,184	24,736
26	ORM Roadmap & Taxonomy	-	-	-	-	-	-	-	2,299	2,299	2,299	2,301	9,198
27	Cloud backup & Recovery	-	-	-	-	-	-	-	15,363	15,363	15,363	15,365	61,454
28	Key Management Fortanix	14,702	-	-	-	-	14,702	2,940	32,400	32,400	32,400	32,401	132,541
29	Investment Reporting Solution	-	-	-	-	-	-	-	267	267	267	269	1,070
30	VFN 2.0	-	-	-	-	-	-	-	223	223	223	222	891
31	Prosci ECM License	-	-	-	-	-	-	-	19,657	19,657	19,657	19,657	78,628
32	BPM and Lean CoE 2.0	324,529	-	-	-	-	324,529	64,906	84,295	84,295	84,295	84,297	402,088
33	Total Loss Payment by e-Transfer	12,251	-	-	-	-	12,251	2,450	12,221	12,221	12,221	12,223	51,336
34	Automated Driver Examiner Scoring	48,263	-	-	-	-	48,263	9,653	9,653	9,653	9,653	9,651	48,263
35	Culture 2.0 Framework	-	-	-	-	-	-	-	15,444	15,444	15,444	15,444	61,776
36	Employee Experience	-	-	-	-	-	-	-	8,518	8,518	8,518	8,518	34,072
37	Leadership Agility Sustainment	-	-	-	-	-	-	-	36,487	36,487	36,487	36,489	145,950
38	Coaching Skills	-	-	-	-	-	-	-	2,729	2,729	2,729	2,731	10,918
39	Desktop as a Service	-	-	-	-	-	-	-	59,292	59,292	59,292	59,294	237,170
40	Unified Endpoint Management	-	-	-	-	-	-	-	16,095	16,095	16,095	16,095	64,380
41	ECM - Collaboration Migration	6,683	-	-	-	-	6,683	1,337	171,573	171,573	171,573	171,574	687,630
42	ECM - Intranet 2.0	98,539	-	-	-	-	98,539	19,708	26,638	26,638	26,638	26,638	126,260
43	ECM Program	-	-	-	-	-	-	-	27,755	27,755	27,755	27,753	111,018
44	Knowledge Net & Brokers Online	435,699	-	-	-	-	435,699	87,140	148,796	148,796	148,796	148,794	682,322
45	Power BI Rollout Phase 2	-	-	-	-	-	-	-	25,632	25,632	25,632	25,630	102,526
46	Enterprise Information Architect for DMA	-	-	-	-	-	-	-	12,422	12,422	12,422	12,422	49,688
47	Duck Data mart enrichment	-	-	-	-	-	-	-	6,674	6,674	6,674	6,673	26,695
48	DMA - New Data Modelling Tool	-	-	-	-	-	-	-	44,085	44,085	44,085	44,083	176,338
49	DMA - Data Governance Tool Implementation Part - 1	25,988	-	-	-	-	25,988	5,198	5,398	5,398	5,398	5,399	26,791
50	BI3 Upgrade to Cloud	1,596,033	-	-	-	-	1,596,033	319,207	375,237	375,237	375,237	375,239	1,820,157
51	Cloud Migration	1,334,664	-	-	-	-	1,334,664	266,933	424,636	424,636	424,636	424,637	1,965,478
52	ECM-Public Website	-	-	-	-	-	-	-	72,449	72,449	72,449	72,451	289,798
53	ECM Content Architecture	45,392	-	-	-	-	45,392	9,078	14,850	14,850	14,850	14,850	68,478
54	Taxi Telematics	278,233	-	-	-	-	278,233	55,647	55,688	55,688	55,688	55,686	278,397
55	Independent Vulnerability & Penetration Testing	38,907	-	-	-	-	38,907	7,781	7,928	7,928	7,928	7,926	39,491
56	Configuration Hardening Enhancements	109,964	-	-	-	-	109,964	21,993	22,139	22,139	22,139	22,139	110,549
57	Enhance Detection Capability of Cloud and Digital Assets	594,416	-	-	-	-	594,416	118,883	119,175	119,175	119,175	119,177	595,585
58	Master Data Management	230,034	-	-	-	-	230,034	46,007	46,007	46,007	46,007	46,006	230,034

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59	BI Report Rationalization	212,444	-	-	-	-	212,444	42,489	42,489	42,489	42,489	42,488	212,444	
60	Content Architecture Phase 2	185,625	-	-	-	-	185,625	37,125	37,125	37,125	37,125	37,125	185,625	
61	EFM - CX & EX Data Collection	371,250	-	-	-	-	371,250	74,250	74,250	74,250	74,250	74,250	371,250	
62	2023/24 Unallocated Budget	11,753,549	-	-	-	-	11,753,549	2,350,710	2,350,710	2,350,710	2,350,710	2,350,709	11,753,549	
63	2024/25 Unallocated Budget	-	13,654,575	-	-	-	13,654,575	2,730,915	2,730,915	2,730,915	2,730,915	2,730,915	13,654,575	
64	2025/26 Unallocated Budget	-	-	18,109,575	-	-	18,109,575	3,621,915	3,621,915	3,621,915	3,621,915	3,621,915	18,109,575	
65	2026/27 Technology Risk Management	-	-	-	3,341,250	-	3,341,250	668,250	668,250	668,250	668,250	668,250	3,341,250	
66	Program NOVA	2,163,842	2,528,496	1,098,705	342,360	503,470	6,636,873	579,104	613,340	663,687	663,687	663,687	3,847,194	
67	NOVA ongoing operations	8,623,873	6,044,888	1,936,144	(454,896)	(770,236)	15,379,773	1,660,491	1,615,001	1,537,977	1,537,977	1,537,977	9,427,401	
68	NOVA deferred development amortization expense	-	-	1,196,676	2,872,021	2,872,021	6,940,718	2,872,021	2,872,021	2,872,021	2,872,021	2,872,021	17,232,126	
69	ePMO ongoing operations expenses	-	3,913,589	4,267,727	4,634,261	1,028,698	13,844,275	1,636,263	2,563,115	2,768,855	2,768,855	1,132,592	13,638,535	
70	<b>Total Implementation Expenses</b>	<b>29,194,918</b>	<b>26,141,548</b>	<b>26,608,827</b>	<b>10,734,996</b>	<b>3,633,953</b>	<b>96,314,242</b>	<b>-</b>	<b>16,782,150</b>	<b>19,867,839</b>	<b>20,046,902</b>	<b>20,046,898</b>	<b>6,874,527</b>	<b>103,665,218</b>