

**Achievement of Market-Friendly Initiatives and Results Program
(AMIR 2.0 Program)**

**Funded by
U.S. Agency for International Development**

Portal Overall Scope Work Breakdown Structure

Final Report

Deliverable for ICTI Component, Workplan Activity No. 432.2.2
Consultancy Agreement No. 278-C-00-02-00210-00

January 2004

This report was prepared by Estarta, in collaboration with Chemonics International Inc., prime contractor to the U.S. Agency for International Development for the AMIR Program in Jordan.

Master Work Breakdown Structure

JEG Portal Master Plan

ID	Task Name	Duration	Start	Finish	January						February
					12/21	12/28	1/4	1/11	1/18	1/25	2/1
1	Jordan E-government Portal Implemenation Project	203.65 days	Sun 1/4/04	Mon 11/1/04							
2	Environments	0 days	Sun 1/4/04	Sun 1/4/04							
3	Development Environment	0 days	Sun 1/4/04	Sun 1/4/04							
4	Staging Environment	0 days	Sun 1/4/04	Sun 1/4/04							
5	Production Environment	0 days	Sun 1/4/04	Sun 1/4/04							
6	The new 12 ministries are connected to the SGI	0 days	Sun 1/4/04	Sun 1/4/04							
7	Training on Tool	20 days	Sun 1/4/04	Mon 2/2/04							
8	Release 1	109 days	Sun 1/4/04	Sun 6/13/04							
9	Data Entry and Analysis	50 days	Sun 1/4/04	Wed 3/17/04							
10	Content Gathering	41 days	Sun 1/4/04	Wed 3/3/04							
11	Coordination and Integration	50 days	Sun 1/4/04	Wed 3/17/04							
12	Portal Content	80 days	Sun 1/4/04	Sun 5/2/04							
13	Content Schema	20 days	Sun 1/4/04	Mon 2/2/04							
14	Data Migration	50.18 days	Mon 2/9/04	Thu 4/22/04							
15	Migration training	1 day	Mon 2/9/04	Tue 2/10/04							
16	Migrate G2C English Content	8 days	Tue 2/10/04	Mon 2/23/04							
17	Migrate G2C Arabic Content	29 days	Tue 2/10/04	Wed 3/24/04							
18	Migrate G2B English Content	43 days	Tue 2/10/04	Wed 4/14/04							
19	Migrate G2B Arabic Content	30 days	Tue 2/10/04	Thu 3/25/04							
20	Migrate G2G Arabic Content	34 days	Tue 2/10/04	Wed 3/31/04							
21	Migrate Mini website English content	10 days	Tue 2/10/04	Wed 2/25/04							
22	Migrate Mini website Arabic content	10 days	Tue 2/10/04	Wed 2/25/04							
23	QA Cycle for Data Migration	40 days	Tue 2/24/04	Thu 4/22/04							
24	Templates	80 days	Sun 1/4/04	Sun 5/2/04							
25	Template + Structure Design (AR / EI)	15 days	Sun 1/4/04	Mon 1/26/04							
26	Template + Structure Creation (AR)	10 days	Mon 1/26/04	Mon 2/9/04							
27	Template + Structure Creation (EN)	10 days	Mon 1/26/04	Mon 2/9/04							
28	General Portal sections	10 days	Mon 2/9/04	Tue 2/24/04							
29	Mini Websites	5 days	Sun 1/4/04	Sun 1/11/04							
30	Online help	10 days	Thu 4/15/04	Sun 5/2/04							
31	Content Rendering Platform	78 days	Mon 2/2/04	Thu 5/27/04							

Project: JEG Portal Master Plan TO11 Date: Tue 4/20/04	Task		Milestone		External Tasks	
	Split		Summary		External Milestone	
	Progress		Project Summary		Deadline	

ID	Task Name	Duration	Start	Finish	January						February	
					12/21	12/28	1/4	1/11	1/18	1/25	2/1	
32	Content Rendering Platform Design	15 days	Mon 2/2/04	Tue 2/24/04								
33	Workflows	62 days	Mon 2/2/04	Tue 5/4/04								
34	Content Security	5 days	Mon 2/2/04	Mon 2/9/04								
35	Tuning	5 days	Wed 5/19/04	Thu 5/27/04								
36	GoJ Content Managers Training	15 days	Wed 5/19/04	Thu 6/10/04								
37	Training Preparation	15 days	Wed 5/19/04	Thu 6/10/04								
38	Content Update	5 days	Tue 2/24/04	Tue 3/2/04								
39	Enterprise Directories	51 days	Sun 1/4/04	Thu 3/18/04	[Summary Bar]							
40	NOS Directory (Pilot)	20 days	Sun 1/4/04	Mon 2/2/04	[Task Bar]							
41	NOS Directory	3 days	Mon 2/2/04	Thu 2/5/04								
42	Plan and Rollout	3 days	Mon 2/2/04	Thu 2/5/04								
43	Personnel Directory	34 days	Sun 1/4/04	Mon 2/23/04	[Summary Bar]							
44	Analysis and design	10 days	Sun 1/4/04	Sun 1/18/04	[Task Bar]							
45	Development	24 days	Sun 1/18/04	Mon 2/23/04	[Task Bar]							
46	Organization Directory	51 days	Sun 1/4/04	Thu 3/18/04	[Summary Bar]							
47	Analysis and design	10 days	Sun 1/4/04	Sun 1/18/04	[Task Bar]							
48	Development	41 days	Sun 1/18/04	Thu 3/18/04	[Task Bar]							
49	Commerce Directory	10 days	Sun 1/4/04	Sun 1/18/04	[Summary Bar]							
50	Analysis and design	10 days	Sun 1/4/04	Sun 1/18/04	[Task Bar]							
51	Portal Strategy and Framework	40 days	Sun 1/4/04	Tue 3/2/04	[Summary Bar]							
52	Governmental Portal Models & Best Pr:	0 days	Sun 1/4/04	Sun 1/4/04	◆ 1/4							
53	Portal Strategy	0 days	Sun 1/4/04	Sun 1/4/04	◆ 1/4							
54	High Level GoJ Portal Realization Plan	0 days	Sun 1/4/04	Sun 1/4/04	◆ 1/4							
55	Delivery Channels Approach	0 days	Sun 1/4/04	Sun 1/4/04	◆ 1/4							
56	Strategy Definition	20 days	Sun 1/4/04	Mon 2/2/04	[Task Bar]							
57	Framework - Implementation View	20 days	Mon 2/2/04	Tue 3/2/04	[Summary Bar]							
58	Goj Architecture Framework	20 days	Mon 2/2/04	Tue 3/2/04	[Task Bar]							
59	Search Engine	0 days	Sun 1/4/04	Sun 1/4/04	◆ 1/4							
60	Portal Architecture	30 days	Sun 1/4/04	Mon 2/16/04	[Task Bar]							
61	Security Platform Design	50 days	Sun 1/4/04	Wed 3/17/04	[Summary Bar]							
62	Security Policy	0 days	Sun 1/4/04	Sun 1/4/04	◆ 1/4							

Project: JEG Portal Master Plan TO11 Date: Tue 4/20/04	Task		Milestone	◆	External Tasks	
	Split		Summary		External Milestone	◆
	Progress		Project Summary		Deadline	↓

ID	Task Name	Duration	Start	Finish	January						February
					12/21	12/28	1/4	1/11	1/18	1/25	2/1
63	MolCT assessment report	0 days	Sun 1/4/04	Sun 1/4/04			◆ 1/4				
64	Design GoJ Portal Security	20 days	Tue 2/17/04	Wed 3/17/04							
65	Portal Delivery Platform Design	70 days	Sun 1/4/04	Thu 4/15/04							
66	Review Existing GoJ site Design	5 days	Sun 1/4/04	Sun 1/11/04							
67	Introduce Website Enhancements	5 days	Sun 1/11/04	Sun 1/18/04							
68	Content Delivery / Portal Web Design	10 days	Sun 1/18/04	Mon 2/2/04							
69	Content Managers' UI Design	5 days	Sun 1/18/04	Mon 1/26/04							
70	Portal UI Mock-ups creation	12 days	Mon 2/2/04	Thu 2/19/04							
71	Review Reusable parts	0 days	Mon 2/2/04	Mon 2/2/04							◆ 2/2
72	Usability Standards & Guidelines	5 days	Mon 2/2/04	Mon 2/9/04							
73	Portal Delivery Platform Design	40 days	Tue 2/17/04	Thu 4/15/04							
74	Design Content Aggregation applicatio	10 days	Sun 1/4/04	Sun 1/18/04							
75	Design Content Aggregation applicati	10 days	Sun 1/4/04	Sun 1/18/04							
76	Portal Security Platform Development	10 days	Wed 3/17/04	Wed 3/31/04							
77	Create user groups and their ACL	10 days	Wed 3/17/04	Wed 3/31/04							
78	Certificates	0 days	Wed 3/31/04	Wed 3/31/04							
79	Portal Delivery Platform Development	23 days	Thu 4/15/04	Wed 5/19/04							
80	Review Runtime Resources	5 days	Thu 4/15/04	Thu 4/22/04							
81	Portal Home Page	5 days	Thu 4/15/04	Thu 4/22/04							
82	Portal Pages Navigational Interface Dev	15 days	Thu 4/15/04	Sun 5/9/04							
83	Theme Development	5 days	Thu 4/15/04	Thu 4/22/04							
84	Theme Development & Installation Gui	5 days	Thu 4/15/04	Thu 4/22/04							
85	Content Delivery Portlet Development	23 days	Thu 4/15/04	Wed 5/19/04							
86	G2C content portlets development	20 days	Thu 4/15/04	Sun 5/16/04							
87	G2B content portlets development	23 days	Thu 4/15/04	Wed 5/19/04							
88	G2G Portlets development	15 days	Thu 4/15/04	Sun 5/9/04							
89	Mini websites portlets development	10 days	Thu 4/15/04	Sun 5/2/04							
90	Content Aggregation Development	15 days	Thu 4/15/04	Sun 5/9/04							
91	Stock and weather portlets	15 days	Thu 4/15/04	Sun 5/9/04							
92	Assign Portlet Access Control List	15 days	Thu 4/15/04	Sun 5/9/04							
93	Technical Management, Supervision, C	15 days	Thu 4/15/04	Sun 5/9/04							

Project: JEG Portal Master Plan TO11 Date: Tue 4/20/04	Task		Milestone	◆	External Tasks	
	Split		Summary		External Milestone	◆
	Progress		Project Summary		Deadline	↓

ID	Task Name	Duration	Start	Finish	January						February
					12/21	12/28	1/4	1/11	1/18	1/25	2/1
94	Implementation Services	0 days	Sun 1/4/04	Sun 1/4/04			◆ 1/4				
95	Network Implementation Services	0 days	Sun 1/4/04	Sun 1/4/04			▶◆ 1/4				
96	Hardware and Operating System Install	0 days	Sun 1/4/04	Sun 1/4/04			▶◆ 1/4				
97	Security Policy and firewall Implementa	0 days	Sun 1/4/04	Sun 1/4/04			▶◆ 1/4				
98	Backup Implementation Services	0 days	Sun 1/4/04	Sun 1/4/04			▶◆ 1/4				
99	Intrusion Detection System Implementa	0 days	Sun 1/4/04	Sun 1/4/04			▶◆ 1/4				
100	Cluster Implementation Service	0 days	Sun 1/4/04	Sun 1/4/04			▶◆ 1/4				
101	Web/Application Server Implementation	0 days	Sun 1/4/04	Sun 1/4/04			▶◆ 1/4				
102	Content Publisher & Search Engine Im	0 days	Sun 1/4/04	Sun 1/4/04			▶◆ 1/4				
103	Program Management	109 days	Sun 1/4/04	Sun 6/13/04							
104	Quality Management	109 days	Sun 1/4/04	Sun 6/13/04							
105	Release 2	158 days	Sun 1/4/04	Tue 8/24/04			▶				
106	Metadata	50 days	Sun 1/4/04	Wed 3/17/04							
107	Content Rendering Platform	63 days	Tue 2/24/04	Thu 5/27/04							
108	Content Rendering Platform Design	5 days	Tue 2/24/04	Tue 3/2/04							
109	Integration	10 days	Wed 3/17/04	Wed 3/31/04							
110	Content Security	5 days	Tue 5/4/04	Tue 5/11/04							
111	Tuning	5 days	Wed 5/19/04	Thu 5/27/04							
112	GoJ Training	45 days	Thu 6/10/04	Tue 8/17/04							
113	Rollout	10 days	Thu 6/10/04	Sun 6/27/04							
114	ALS Sessions	10 days	Thu 6/10/04	Sun 6/27/04							
115	CNS Sessions	10 days	Thu 6/10/04	Sun 6/27/04							
116	ITG Sessions	10 days	Thu 6/10/04	Sun 6/27/04							
117	Estarta Sessions	10 days	Thu 6/10/04	Sun 6/27/04							
118	Training Support	40 days	Sun 6/20/04	Tue 8/17/04							
119	Simple call center setup for after train	40 days	Sun 6/20/04	Tue 8/17/04							
120	Feedback response compilation	40 days	Sun 6/20/04	Tue 8/17/04							
121	Content Update	40 days	Sun 6/27/04	Tue 8/24/04							
122	Update content - GoJ Content Managers	30 days	Sun 6/27/04	Tue 8/10/04							
123	Management and Supervision	40 days	Sun 6/27/04	Tue 8/24/04							
124	Monitor the update process	40 days	Sun 6/27/04	Tue 8/24/04							

Project: JEG Portal Master Plan TO11 Date: Tue 4/20/04	Task		Milestone	◆	External Tasks	
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	Progress		Project Summary	▶▶	Deadline	↓

ID	Task Name	Duration	Start	Finish	January						February	
					12/21	12/28	1/4	1/11	1/18	1/25	2/1	
125	G2C Content Update	35 days	Sun 6/27/04	Tue 8/17/04								
126	G2B content Update	35 days	Sun 6/27/04	Tue 8/17/04								
127	G2G content update	35 days	Sun 6/27/04	Tue 8/17/04								
128	Mini Websites content update	35 days	Sun 6/27/04	Tue 8/17/04								
129	Enterprise Directories	103 days	Sun 1/18/04	Sun 6/20/04								
130	NOS Directory	23 days	Thu 2/5/04	Wed 3/10/04								
131	Personnel Directory	15 days	Mon 2/23/04	Tue 3/16/04								
132	Organization Directory	62 days	Thu 3/18/04	Sun 6/20/04								
133	Commerce Directory	10 days	Sun 1/18/04	Mon 2/2/04								
134	eServices Directory	10 days	Wed 3/17/04	Wed 3/31/04								
135	Search Engine	0 days	Sun 1/4/04	Sun 1/4/04								
136	Security Platform Design	15 days	Wed 3/17/04	Thu 4/8/04								
137	eServices Delivery Platform Design	35 days	Tue 2/17/04	Thu 4/8/04								
138	Update Aggregation Design, Standards & G	0 days	Sun 1/4/04	Sun 1/4/04								
139	Personalization Customization Design	0 days	Sun 1/4/04	Sun 1/4/04								
140	Portal Delivery Platform Design	10 days	Thu 4/15/04	Sun 5/2/04								
141	Portal Security Platform Development	10 days	Thu 4/8/04	Thu 4/22/04								
142	Portal Delivery Platform Development	30 days	Sun 5/2/04	Mon 6/14/04								
143	eServices Delivery Platform Development	20 days	Thu 4/8/04	Sun 5/9/04								
144	Reports and Metrics	40 days	Sun 6/13/04	Wed 8/11/04								
145	Administration and Customization	40 days	Sun 6/13/04	Wed 8/11/04								
146	Handover	20 days	Sun 5/16/04	Mon 6/14/04								
147	Program Management	158 days	Sun 1/4/04	Tue 8/24/04								
148	Quality Management	158 days	Sun 1/4/04	Tue 8/24/04								
149	Release 3	186 days	Sun 1/4/04	Tue 10/5/04								
150	Metadata	20 days	Wed 3/17/04	Thu 4/15/04								
151	Content Rendering Platform	163 days	Sun 1/4/04	Wed 9/1/04								
152	Integration	10 days	Sun 1/4/04	Sun 1/18/04								
153	Workflows	30 days	Thu 5/27/04	Mon 7/12/04								
154	Content Security	5 days	Tue 5/11/04	Tue 5/18/04								
155	Tuning	5 days	Wed 8/25/04	Wed 9/1/04								

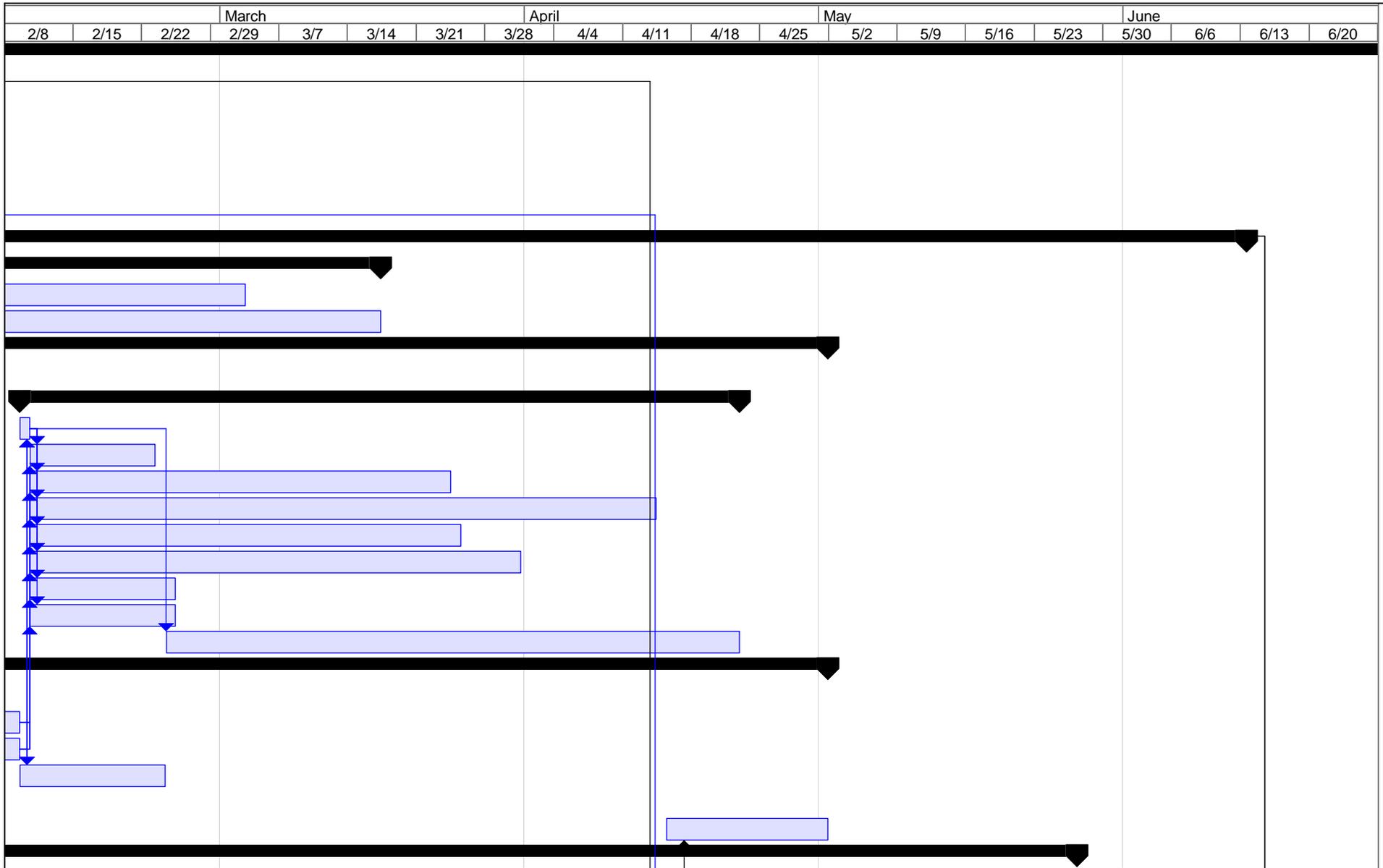
Project: JEG Portal Master Plan TO11 Date: Tue 4/20/04	Task		Milestone		External Tasks	
	Split		Summary		External Milestone	
	Progress		Project Summary		Deadline	

ID	Task Name	Duration	Start	Finish	January						February
					12/21	12/28	1/4	1/11	1/18	1/25	2/1
156	Training Support	25 days	Tue 8/17/04	Thu 9/23/04							
157	Content Update	10 days	Wed 8/25/04	Wed 9/8/04							
158	Management and Supervision	10 days	Wed 8/25/04	Wed 9/8/04							
159	Update IA	10 days	Wed 8/25/04	Wed 9/8/04							
160	Enterprise Directories	166 days	Mon 2/2/04	Tue 10/5/04							
161	NOS Directory	28 days	Thu 2/5/04	Thu 3/18/04							
162	Personnel Directory	152 days	Mon 2/23/04	Tue 10/5/04							
163	Commerce Directory	59 days	Mon 2/2/04	Thu 4/29/04							
164	eServices Directory	35 days	Wed 3/31/04	Mon 5/24/04							
165	eServices Delivery Platform Design	15 days	Thu 4/8/04	Sun 5/2/04							
166	Portal Delivery Platform Design	15 days	Sun 5/2/04	Mon 5/24/04							
167	Portal Security Platform Development	10 days	Thu 4/8/04	Thu 4/22/04							
168	Portal Delivery Platform Development	15 days	Mon 5/24/04	Mon 6/14/04							
169	eServices Delivery Platform Development	40 days	Sun 5/2/04	Tue 6/29/04							
170	Archiving	15 days	Thu 4/15/04	Sun 5/9/04							
171	Handover	15 days	Mon 6/7/04	Tue 6/29/04							
172	Program Management	166 days	Mon 2/2/04	Tue 10/5/04							
173	Quality Management	166 days	Mon 2/2/04	Tue 10/5/04							
174	Release 4	134 days	Thu 4/15/04	Mon 11/1/04							
175	Content Rendering Platform	60 days	Thu 4/15/04	Wed 7/14/04							
176	Taxonomies	50 days	Thu 4/15/04	Tue 6/29/04							
177	Integration	10 days	Tue 6/29/04	Wed 7/14/04							
178	Training Support	25 days	Thu 9/23/04	Sun 10/31/04							
179	Enterprise Directories	122 days	Thu 4/15/04	Thu 10/14/04							
180	NOS Directory (Pilot)	5 days	Thu 4/15/04	Thu 4/22/04							
181	NOS Directory	5 days	Thu 4/15/04	Thu 4/22/04							
182	Personnel Directory	6 days	Tue 10/5/04	Thu 10/14/04							
183	Organization Directory	8 days	Sun 6/20/04	Wed 6/30/04							
184	Commerce Directory	8 days	Thu 4/29/04	Tue 5/11/04							
185	eServices Directory	5 days	Mon 5/24/04	Mon 5/31/04							
186	Search Engine	10 days	Tue 6/29/04	Wed 7/14/04							

Project: JEG Portal Master Plan TO11 Date: Tue 4/20/04	Task		Milestone		External Tasks	
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	Progress		Project Summary		Deadline	

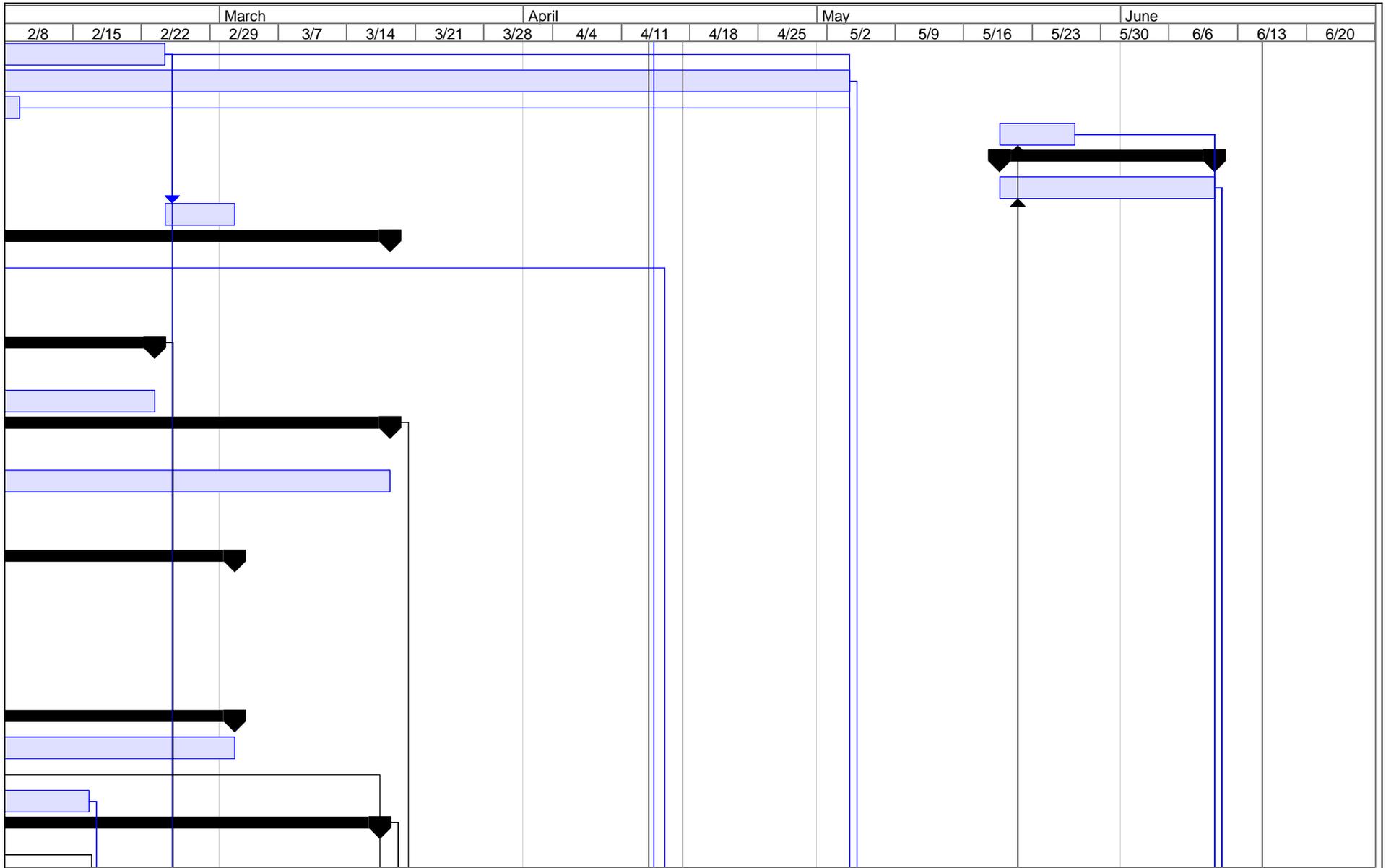
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					12/21	12/28	1/4	1/11	1/18	1/25	2/1
187	Archiving	40 days	Sun 5/9/04	Tue 7/6/04							
188	Program Management	134 days	Thu 4/15/04	Mon 11/1/04							
189	Quality Management	134 days	Thu 4/15/04	Mon 11/1/04							

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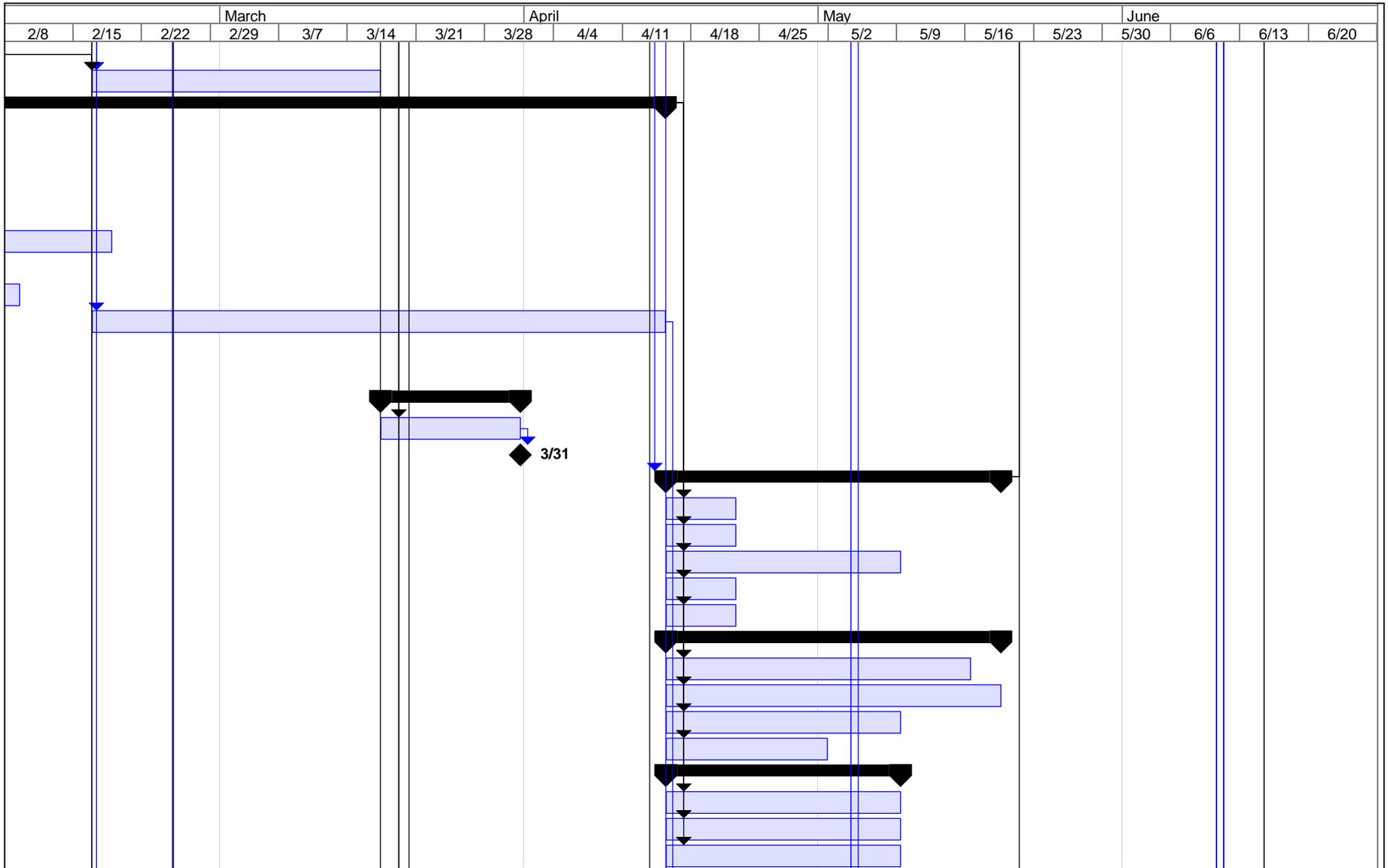
Project: JEG Portal Master Plan TO11
 Date: Tue 4/20/04

Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	



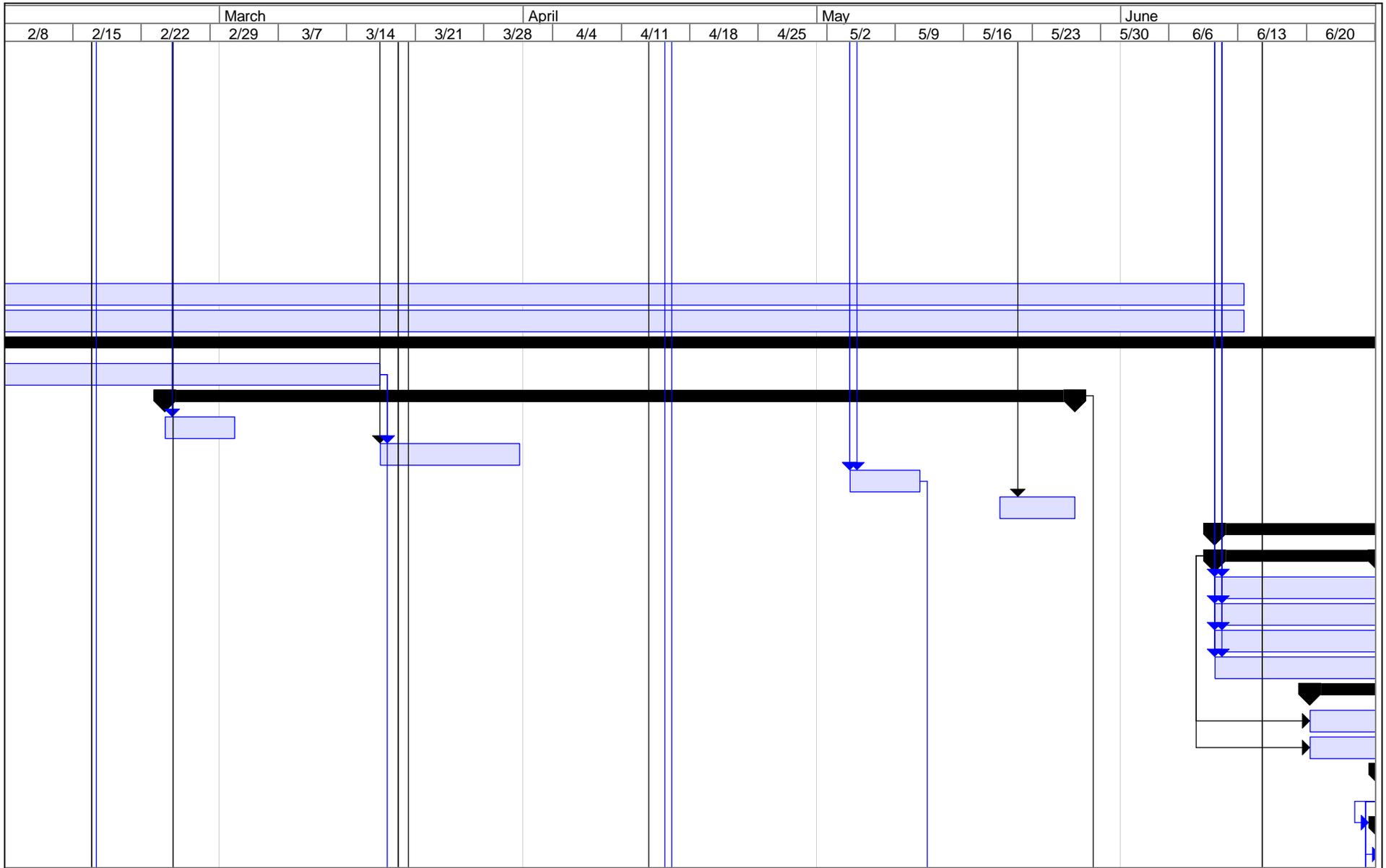
Project: JEG Portal Master Plan TO11
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Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	



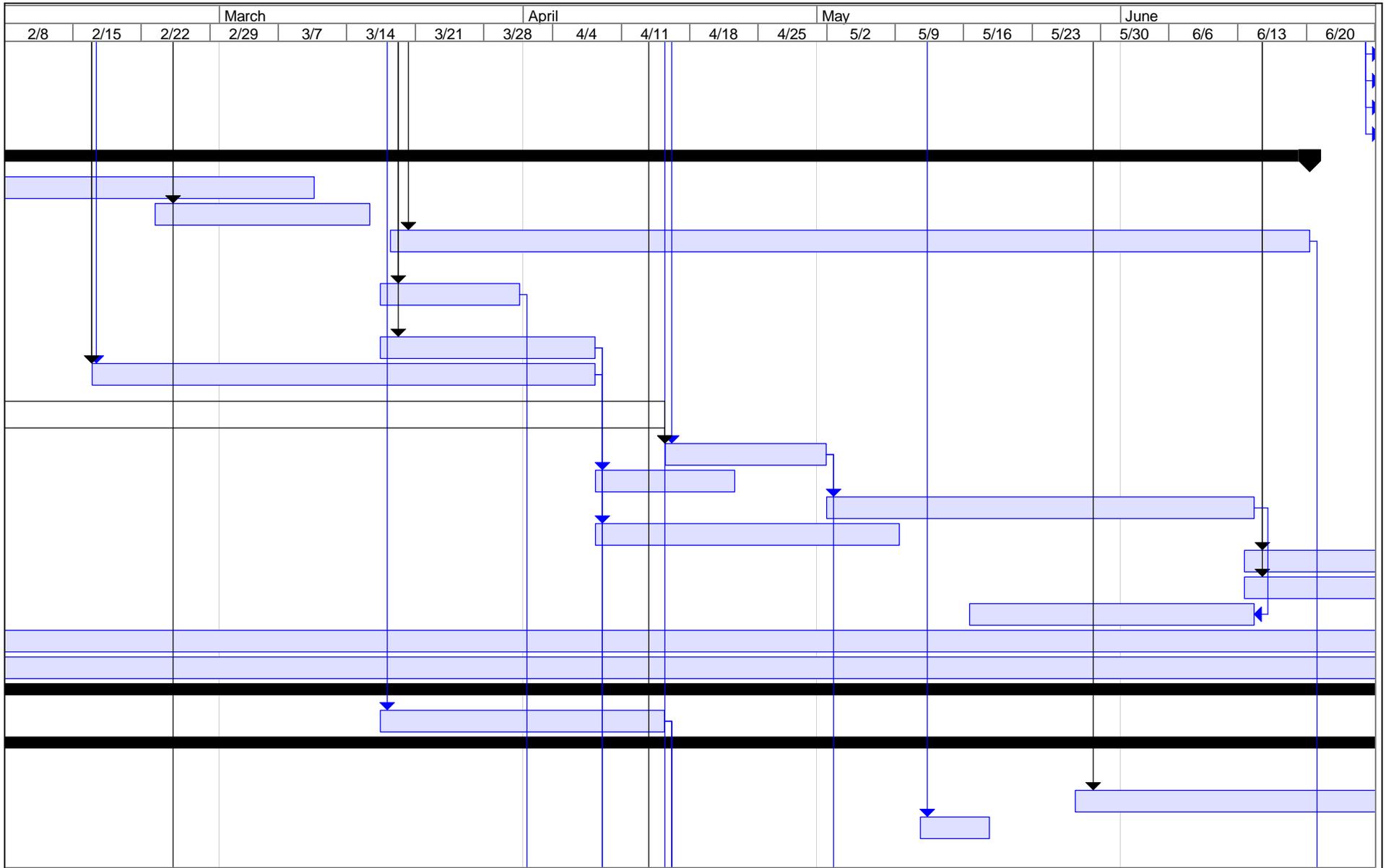
Project: JEG Portal Master Plan TO11
 Date: Tue 4/20/04

Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	



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Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	

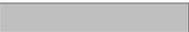


Project: JEG Portal Master Plan TO11
 Date: Tue 4/20/04

Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	

			March				April				May				June				
2/8	2/15	2/22	2/29	3/7	3/14	3/21	3/28	4/4	4/11	4/18	4/25	5/2	5/9	5/16	5/23	5/30	6/6	6/13	6/20



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	Progress		Project Summary		Deadline	

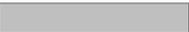
July					August				September				October				November		
6/27	7/4	7/11	7/18	7/25	8/1	8/8	8/15	8/22	8/29	9/5	9/12	9/19	9/26	10/3	10/10	10/17	10/24	10/31	11/7

Project: JEG Portal Master Plan TO11
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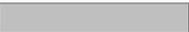
Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	

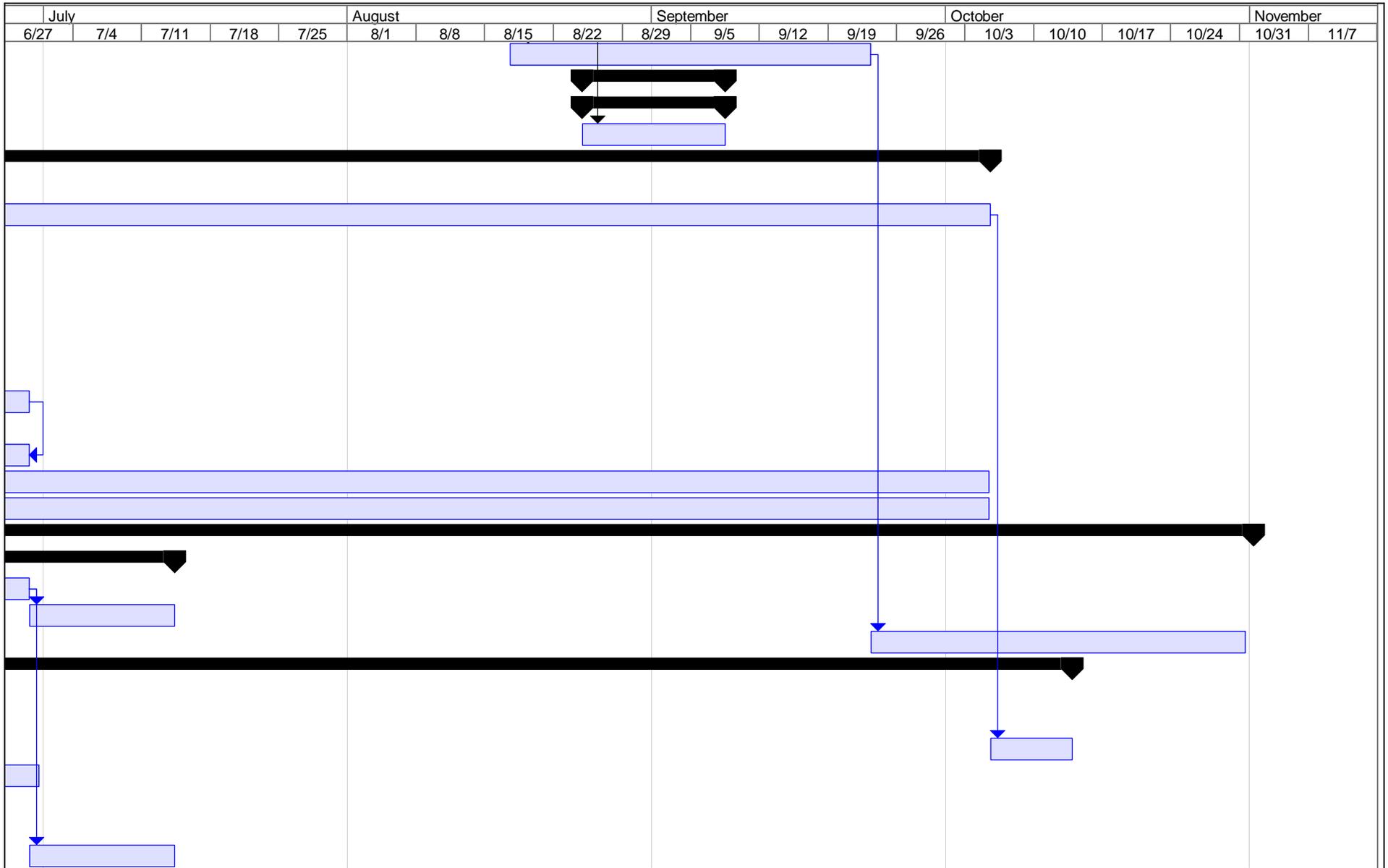
July					August				September					October				November	
6/27	7/4	7/11	7/18	7/25	8/1	8/8	8/15	8/22	8/29	9/5	9/12	9/19	9/26	10/3	10/10	10/17	10/24	10/31	11/7

Project: JEG Portal Master Plan TO11
Date: Tue 4/20/04

Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	

July					August				September					October				November	
6/27	7/4	7/11	7/18	7/25	8/1	8/8	8/15	8/22	8/29	9/5	9/12	9/19	9/26	10/3	10/10	10/17	10/24	10/31	11/7

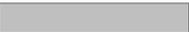
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 Date: Tue 4/20/04

Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	

July					August				September					October				November	
6/27	7/4	7/11	7/18	7/25	8/1	8/8	8/15	8/22	8/29	9/5	9/12	9/19	9/26	10/3	10/10	10/17	10/24	10/31	11/7

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	Split		Summary		External Milestone	
	Progress		Project Summary		Deadline	

No	Group	Product	Item	Description	Release 1	Release 2	Release 3	Release 4	IDC	Fund			
										AMIR	MoICT	Microsoft	
1	Data Entry and Analysis	G2C	Visits	The remaining four visits which have been agreed on. Meet with Content managers and content owners at each Governmental agency and gather the information about the service they provide	Visits				ALS				
2			Information Architecture	Updating the existing information architecture based on the information gathered from the visits	Information Architecture				ALS				
3			Design Document	A document that includes the detailed description on the information architecture and the rational behind it	Design Document				ALS				
4			Maintenance Plan	A plan the explain how to maintain the content and how to update it. This only explains the manual maintenance	Maintenance Plan				ALS				
5			Quality Control	Quality control over the process and the gathered content	Quality Control				ALS				
6			Content Harvesting	Putting the row data gathered through the visits in a usable format and eliminate unnecessary content	Content Harvesting				ALS				
7													
8		G2B	Visits	The remaining four visits which have been agreed on. Meet with Content managers and content owners at each Governmental agency and gather the information about the service they provide	Visits					ITG			
9			Information Architecture	Updating the existing information architecture based on the information gathered from the visits	Information Architecture					ITG			
10			Design Document (Including Rational behind IA)	A document that includes the detailed description on the information architecture and the rational behind it	Design Document (Including Rational behind IA)					ITG			
11			Maintenance Plan	A plan the explain how to maintain the content and how to update it. This only explains the manual maintenance	Maintenance Plan					ITG			
12			Quality Control	Quality control over the process and the gathered content	Quality Control					ITG			
13			Content Harvesting	Putting the row data gathered through the visits in a usable format and eliminate unnecessary content	Content Harvesting					ITG			
14													
15		G2G	Visits	The remaining four visits which have been agreed on. Meet with Content managers and content owners at each Governmental agency and gather the information about the service they provide	Visits					CNS			
16			Information Architecture	Updating the existing information architecture based on the information gathered from the visits	Information Architecture					CNS			
17			Design Document (Including Rational behind IA)	A document that includes the detailed description on the information architecture and the rational behind it	Design Document (Including Rational behind IA)					CNS			
18			Maintenance Plan	A plan the explain how to maintain the content and how to update it. This only explains the manual maintenance	Maintenance Plan					CNS			
19			Quality Control	Quality control over the process and the gathered content	Quality Control					CNS			
20			Content Harvesting	Putting the row data gathered through the visits in a usable format and eliminate unnecessary content	Content Harvesting					CNS			
21													
22			Information Architecture	Compilation of the three information architectures provided by G2C, G2B and G2G and validate them	Information Architecture					EST			
23			Quality Control	Control over the process and the gathered content	Quality Control					EST			

24	Coordination and Integration	Guidelines of policies and procedures	Develop the guidelines of how to set policies and procedures for the content maintenance and management	Guidelines of policies and procedures				EST		
25		Electronic Graphic Files	The electronic graphic files to be used for Website look and feel creation	Electronic Graphic Files				EST		
26		Content Translation	Translate the content gathered throughout the visits by the other IQC's	Content Translation				EST		
27		Content Harvesting	Putting the raw data gathered through the visits in a usable format and eliminate unnecessary content	Content Harvesting				EST		
28		Data Entry/Digization	Entering the content in the standard format	Data Entry/Digization				EST		
29		Integrated Project Plan	A project Plan for the other IQC's	Integrated Project Plan				EST		
30										
31	Training On Tool		Each IQC needs to get the necessary training on the tool based on the scope each will be working on. This has to be decided by MoICT and AMIR	Training On Tool				B1		
32										
33	Content Schema	Content Database Design Guidelines	Guidelines to explain in details how the content repository must be designed. It includes the requirement of the tool regarding building the repository to be used everywhere in the portal and the requirements from the content point of view on how it should stored	Content Database Design Guidelines				EST		
34		Content Database Design / Build	Design and build the content repository	Content Database Design / Build				EST		
35		Database administration	Database administration services for development and staging environments	Database administration	Database administration				EST	
36										
37	Metadata	Define Metadata Sources	Identify sources of metadata, Identify metadata needs each source shall provide	Define Metadata Sources				EST		
38		Build Meta Model	Build and construct the meta model	Build Meta Model				EST		
39		Design Metadata security process	Identify business and technical security permissions, setup security permissions process	Design Metadata security process				EST		
40		Develop Metadata integration processes	Build metadata integration module, load metadata repository	Develop Metadata integration processes				EST		
41		Develop Metadata reports/access method	Create business and technical views and reports	Develop Metadata reports/access method				EST		
42		Metadata Infrastructure / Build the repository	Building the physical database	Metadata Infrastructure / Build the repository				EST		
43		Deployment	Deploy the metadata repository on the staging and production environments	Deployment				EST		
44		Documentation	Create metadata access documentation both technical and business	Documentation				EST		
45		Training	Train the IQC on the metadata and how they should use it	Training				EST		
46		Set Metadata Attributes values for G2C content	Propose the recommended metadata attributes values for G2C content	Set Metadata Attributes values for G2C content				ALS		
47		Set Metadata Attributes values for G2B content	Propose the recommended metadata attributes values for G2B content	Set Metadata Attributes values for G2B content				ITG		
48		Set Metadata Attributes values for G2G content	Propose the recommended metadata attributes values for G2G content	Set Metadata Attributes values for G2G content				CNS		
49	Set Metadata Attributes values for Mini websites content	Propose the recommended metadata attributes values for Mini websites content	Set Metadata Attributes values for Mini websites content				EST			
51	Portal Content	Set values for Metadata attributes	Entering the values for the metadata attributes defined in the metadata repository. This process includes, the default values, the values list, and alternatives	Set values for Metadata attributes				EST		
52		Migration training	Train IQC's on data migration	Migration Training				B1/EST		
53		Migrate G2C English Content	Migrate the G2C English content from MS Word format to the content database	Migrate G2C English Content				ALS		
54		Migrate G2C Arabic Content	Migrate the G2C Arabic content from MS Word format to the content database	Migrate G2C Arabic Content				ALS		

55	Data Migration	Migrate G2B English Content	Migrate the G2B English content from MS Word format to the content database	Migrate G2B English Content				ITG	
56		Migrate G2B Arabic Content	Migrate the G2B Arabic content from MS Word format to the content database	Migrate G2B Arabic Content				ITG	
57		Migrate G2G English Content	Migrate the G2G English content from MS Word format to the content database	Migrate G2G English Content				CNS	
58		Migrate G2G Arabic Content	Migrate the G2G Arabic content from MS Word format to the content database	Migrate G2G Arabic Content				CNS	
59		Migrate Mini website English content	Migrate the Mini websites English content from MS Word format to the content database	Migrate Mini website English content				EST	
60		Migrate Mini website Arabic content	Migrate the Mini websites Arabic content from MS Word format to the content database	Migrate Mini website Arabic content				EST	
61		QA Cycle for Data Migration	Quality cycle on the whole migration process and overseeing the verification process on each G2X sector	QA Cycle for Data Migration				EST	
62									
63	General	Template + Structure Design (AR / EN)	Design the entry templates and design the structure for both Arabic and English content	Template + Structure Design (AR / EN)				EST	
64		Template + Structure Creation (AR)	Create the Arabic templates and build the actual structure for Arabic content	Template + Structure Creation (AR)				EST	
65		Template + Structure Creation (EN)	Create the English templates and build the actual structure for English content	Template + Structure Creation (EN)				EST	
66		General Portal sections	Define and design the entry screens of the general portal section which include all the content parts rather the services information gathered by the IQC's such as, FAQ's, Contact us, address book...etc	General Portal sections				EST	
67		Mini Websites	Building the mini websites entry screens for all the governmental agencies which are included in the portal	Mini Websites				EST	
68		Online help	Design, build and integrate and online interactive help for the portal users	Design Portal Online help				EST	
69				Design Portlet specific Help				STS	
70	Develop help content						EST		
71				Portal Help development			EST		
72			Portlet specific help development				5 IQCs		
74									
75	Design	Content Development Guidelines	Guidelines for the content development cycle and what are the needed actions and steps in each phase in the cycle	Content Development Guidelines				EST	
76		Content Authoring Guidelines	Guidelines for how to build a content, how to represent the information of a content, and how to put what is in minds on paper in a standard and meaningful mechanism	Content Authoring Guidelines				EST	
77		Web Guidelines	Guidelines for the web representation of content, how to represent each type of the content in a web layout	Web Guidelines				EST	
78		Content Rendering Platform Arch.	Building the content rendering platform architecture that manages all the components in the content authoring side of the portal	Content Rendering Platform Arch.				EST	
79		Manage Taxonomies / Thesauri	Build the Taxonomies management module, which can use a third party taxonomies / thesauri database, or it can be built based on the ONLY content the portal will contain in the scope of this project with providing the ability to build on it for future portal parts				Manage Taxonomies /Thesauri	EST	
80		Guideline for maintaining the Platform	Guidelines on how to maintain the content rendering platform which include maintenance, introducing new parts, changing the content development cycle...etc.	Guideline for maintaining the Platform				EST	
81									

82	Integration	Integrate metadata repository with Taxonomies/Thesauri management Module	Integrate the metadata repository with Taxonomies/Thesauri Management Module for controlling the attributes values entry, and for the matching the search entry with the actual search attributes				Integrate metadata repository with Taxonomies/Thesauri management Module	EST		
83		Integrate metadata with Search Engine	Integrate the search engine with the metadata repository, the actual content repository and the taxonomies/thesauri module			Integrate Metadata with Search Engine		EST		
84										
85	Workflow	Define workflows	Define all the content workflow which the content managers will be using. There will be multiple workflows based on the content type, sensitivity and urgency	Define single workflow for each content type				EST		
86						Define Customized workflows (10 workflows)		EST		
87		Test manual workflows	Test the defined workflows manually and verify their efficiency	Test Manual workflows			Test Manual workflows		EST	
88						Test Manual workflows		EST		
89		Build workflows with the tool	Build the defined workflow using the Lotus workflow tool provided by the vendor of the solution	Build workflows with the tool			Build workflows with the tool		EST	
90						Build workflows with the tool		EST		
91		Test Automated workflows	Test the automated workflows before integrating with the portal and the content cycles	Test Automated workflows			Test Automated workflows		EST	
92						Test Automated workflows		EST		
93	Integrate workflow with Portal	Integrate the automated workflows with the portal itself and different content based on the workflow is has to follow	Integrate with the portal			Integrate workflow with Portal		EST		
94					Integrate workflow with Portal		EST			
95	Guidelines for maintaining workflow	Guidelines for maintaining the workflow and how to add remove steps in a workflow and how to add remove workflows and to integrate them with the portal and the content	Guidelines for maintaining workflow					EST		
96					Update guideline for maintaining workflow			EST		
97										
98	Content Security	Define Content Management Cycle Actors & their roles/responsibilities	Define each actor who has a role on the content cycle among the GoJ content managers, their roles and responsibilities based on each workflow and on each content type and category	Define Content Management Cycle Actors & their roles/responsibilities				EST		
99						Update Content Management Cycle Actors & their roles/responsibilities		EST		
100		Define Content Sensitivity and Classifications	Define the classifications of content based on sensitivity, confidentiality and urgency,				Define Content Sensitivity and Classifications		EST	
101		Content publishing rules and campaigns	Define the rules and campaigns on grouping, publishing, unpublishing content		Content publishing rules and campaigns				EST	
102		Content security guidelines	Guidelines for how to maintain the content security, including roles and responsibilities modifications of actors, define new class or group of content and maintain the existing			Content security guidelines		EST		
103										
104	Tuning	HTML fine tuning	Tune the HTML pages after publishing to make them in a production quality state	HTML fine tuning				EST		
105		Graphics fine tuning	Tune the graphics after publishing to make them in a production quality state	Graphics fine tuning				EST		
106		Performance tuning	Measure the performance and enhance it	Performance tuning				EST		
107		Content tuning	Tune the published content look		Content tuning for the published content		Content Tuning for the updated content		EST	
108										
109										
110	Development Environment	Hardware Procurement	Procure the hardware that fulfills the technical specifications provided the tool vendor	Hardware Procurement				MoICT		
111		Hardware Setup	Install the hardware, and install the operating systems	Hardware Setup				OpCenter		
112		Environment Setup	Install the IBM portal components needed for the development environment	Environment Setup				B1		
113				Environment Accommodation				EST		
114		Environment Accommodation	The place where the development environment will reside		Environment Accommodation		Environment Accommodation		EST	
115						Environment Accommodation		EST		
116						Environment Accommodation	Environment Accommodation		EST	
117		Development Team Accommodation	The place where the development team will be working from (if it is one location)		Environment Accommodation	Environment Accommodation			EST	
118					Environment Accommodation			EST		

119		Accommodation	pe working from (if it is one location)			Environment Accommodation		Environment Accommodation	EST	
120								Environment Accommodation	EST	
121		Maintenance and Support	Maintenance and support for the operating systems, and network and IBM portal installed components	Environment Accommodation					EST	
122					Environment Accommodation				EST	
123						Environment Accommodation			EST	
124								Environment Accommodation	EST	
125										
126	Environm ents	Hardware Procurement	Procure the hardware that fulfills the technical specifications provided the tool vendor	Hardware Procurement					MOICT	
127		Hardware Setup	install the hardware, and install the operating systems	Hardware Setup					Vender/Ops center	
128		Deployment	Deploy Content Management Applications, Delivery Portlets Applications, eServices & security Applications	Deployment					EST/OpCenter	
129					deployment				EST/OpCenter	
130						deployment			EST/OpCenter	
131								deployment	EST/OpCenter	
132		Environment Setup	Install the IBM portal components needed for the staging environment						B1/OpCenter	
133		Create Setup files, configuration files and steps	Create the setup files for deployment, and configuration file for automatic configuration, and the steps to do the deployment	Create setup files, configuration files and steps					EST	
134					Create setup files, configuration files and steps				EST	
135						Create setup files, configuration files and steps			Create setup files, configuration files and steps	EST
136									EST	
137		Environment Accommodation	The place where the staging environment will reside	Environment Accommodation					Ops center	
138					Environment Accommodation				Ops center	
139						Environment Accommodation			Environment Accommodation	Ops center
140							Environment Accommodation	Ops center		
141	Maintenance and Support	Maintenance and support for the operating systems, network and the IBM portal installed components	Maintenance and Support					Vender/Ops center		
142				Maintenance and Support				Vender/Ops center		
143					Maintenance and Support			Maintenance and Support	Vender/Ops center	
144							Maintenance and Support	Vender/Ops center		
145										
146	Production Environment	Hardware Procurement	Procure the hardware that fulfills the technical specifications provided the tool vendor	Hardware Procurement					MoICT	
147		Hardware Setup	install the hardware, and install the operating systems	Hardware Setup					Vender/Ops center	
148		Deployment	Deploy Content Management Applications, Delivery Portlets Applications, eServices & security Applications	Deployment					OpCenter	
149					Deployment				OpCenter	
150						Deployment			Deployment	OpCenter
151								OpCenter		
152		Environment Setup	Install the IBM portal components needed for the production environment						B1/OpCenter	
153		Environment Accommodation	The place where the production environment will reside	Environment Accommodation					Ops center	
154					Environment Accommodation				Ops center	
155						Environment Accommodation			Environment Accommodation	Ops center
156							Environment Accommodation	Ops center		
157	Maintenance and Support	Maintenance and support for the operating systems, network and the IBM portal installed components	Maintenance and Support					Vender/Ops center		
158				Maintenance and Support				Vender/Ops center		
159					Maintenance and Support			Maintenance and Support	Vender/Ops center	
160							Maintenance and Support	Vender/Ops center		
161										
162		Divide the GoJ into manageable groups	Establish trainees groups and basis that will be agreed on with the MoICT	Divide the GoJ into manageable groups					EST	
163		Preparing the training content and material	Define the training outline, prepare the presentations, training manuals, and the enough information for the demo purpose to be on the portal	Preparing the training content and material					EST	

164	Plan	Define the training objectives	Define the level of details needed in the training, and what is the whole outcome of the training	Define the training objectives				EST		
165		Training accommodation	The physical location where the training will take place		Training accommodation			STS		
166		Prepare feedback channels	Define the channels to get the feedback from the trainees (content managers)	Prepare feedback channels				EST		
167		Train the trainers (Train IQC's to conduct training)	Train IQC's on how to train the content managers, and communicate the standard training objectives, and the material	Train the trainers (Train IQC's to conduct training)				EST		
168		Training Plan	Develop a training plan for the GoJ content managers	Training Plan				EST		
169										
170	Rollout	ALS Sessions	Alliedsoft training sessions to the GoJ content managers		ALS Sessions			ALS		
171		CNS Sessions	CNS training sessions to the GoJ content managers		CNS Sessions			ITG		
172		ITG Sessions	ITG training sessions to the GoJ content managers		ITG Sessions			CNS		
173		Estarta Sessions	Estarta training sessions to the GoJ content managers		Estarta Sessions			EST		
174										
175	Support	Simple call center setup for after training questions during the training and content update	Create a simple call center to receive and own the feedback throughout the defined channels, and assign tasks to support people		Simple call center setup for after training questions during the training and content update			EST		
176					Simple call center setup for after training questions during the training and content update			EST		
177						Simple call center setup for after training questions during the training and content update		EST		
178		Feedback response compilation	Compile all the received feedback and create actions and/or modifications based on the results. This includes support for the training and for the content update		Feedback response compilation			CNS, ALS, ITG		
179					Feedback response compilation		CNS, ALS, ITG			
180							CNS, ALS, ITG			
181										
182	Content Update	Monitor the update process	Monitor the whole update process and ensure that all parts are being tackled and process on time		Monitor the update process			EST		
183						Monitor the update process		EST		
184		Update IA	Update the information Architecture if a major update takes place that affects it			Update IA			EST	
185		Awareness sessions Material preparation for the importance of the update	Awareness sessions material preparation for content managers, key people in the governmental agencies, and other stakeholders to ensure they realize the importance of the content update	Awareness sessions Material preparation for the importance of the update					EST	
186										
187	G2C	Quality assurance on the G2C part	Provide quality assurance and monitoring services to ensure the quality of their content is maintained in G2C part		Quality assurance on the G2C part			ALS		
188		Update IA	Update the G2C part of the information Architecture if a major update takes place that affects it		Update IA			ALS		
189										
190	G2B	Quality assurance on the G2B part	Provide quality assurance and monitoring services to ensure the quality of their content is maintained in G2B part		Quality assurance on the G2B part			ITG		
191		Update IA	Update the G2B part of the information Architecture if a major update takes place that affects it		Update IA			ITG		
192										
193	G2G	Quality assurance on the G2G part	Provide quality assurance and monitoring services to ensure the quality of their content is maintained in G2G part		Quality assurance on the G2G part			CNS		
194		Update IA	Update the G2G part of the information Architecture if a major update takes place that affects it		Update IA			CNS		
195										

196	Mini websites	Quality assurance on the mini websites part	Provide quality assurance and monitoring services to ensure the quality of their content is maintained in mini websites part		Quality assurance on the mini websites part			EST		
197		Update IA	Update the Mini websites part of the information Architecture if a major update takes place that affects it		Update IA			EST		
198										
199	NOS Directory - Pilot Ministry	Analysis	Perform analysis that includes, what is the whole scope, who are the stakeholders, which is the pilot ministry, what the features required in this directory, and what is the information that needed to be in this directory	Analysis				STS		
200		Design	Design the directory architecture and the data model	Design				STS		
201			Develop and implement the directory based on the technology decided on in the design	Implement				STS		
202			Integrate the directory with other service the portal provides	Integrate with the Portal				STS		
203			These tasks can be actually one task by creating a module that includes UI for entry and retrieval, and to facilitate the integration with the metadata repository	Gather information				STS		
204				Format gathered information				STS		
205				Migrate information into the directory				STS		
206			Integrate with Metadata repository				Integrate with Metadata repository	STS		
207			Publish NOS Policy	Put the policy that each of the governmental agencies has to follow to be subscribe to this directory	Publish NOS Policy			STS		
208										
209	NOS Directory - Other 17 Ministries	Plan and Rollout	Develop a plan implementation at the other 5 ministries which are part of the SGN	Plan and Rollout				ALS		
210		Gather information	These tasks can be actually one task by creating a module that includes UI for entry and retrieval, and to facilitate the integration with the metadata repository		Gather information (For 5 ministries)			ALS		
211						Gather information (For 12 ministries)		ALS		
212		Format gathered information			Format gathered information (For 5 ministries)		Format gathered information (For 12 ministries)		ALS	
213									ALS	
214		Migrate information into the directory			Migrate information into the directory (For 5 ministries)		Migrate information into the directory (For 12 ministries)		ALS	
215									ALS	
216		Integrate with Metadata repository					Integrate with Metadata repository	ALS		
217										
218	Personnel Directory	Analysis	Perform analysis that includes, what is the whole scope, who are the stakeholders, what the features required in this directory, and what is the information that needed to be in this directory	Analysis				STS		
219		Design	Design the directory architecture and the data model	Design				STS		
220		Development	Develop and implement the directory based on the technology decided on in the design	Development				CNS		
221		Integrate with the Portal	Integrate the directory with other service the portal provides		Integrate with the portal			CNS		
222		Gather information	These tasks can be actually one task by creating a module that includes UI for entry and retrieval, and to facilitate the integration with the metadata repository				Gather Information	CNS		
223		Format gathered information					Format gathered information	CNS		
224		Migrate information into the directory					Migrate information into the directory	CNS		
225			Integrate with Metadata repository				Integrate with Metadata repository	CNS		
226			Staging	Deploy the directory on the staging environment		Staging		CNS		
227		Deployment	Deploy the directory on the production environment		Deployment		OpCenter			

228	Directories	Organization Directory	Analysis	Perform analysis that includes, what is the whole scope, who are the stakeholders, what the features required in this directory, and what is the information that needed to be in this directory	Analysis				STS			
229			Design	Design the directory architecture and the data model	Design				STS			
230			Development	Develop and implement the directory based on the technology decided on in the design	Development				ALS			
231			Integrate with the Portal	Integrate the directory with other service the portal provides		Integrate with the Portal			ALS			
232			Gather information	These tasks can be actually one task by creating a module that includes UI for entry and retrieval, and to facilitate the integration with the metadata repository		Gather information			ALS			
233			Format gathered information			Format gathered information			ALS			
234			Migrate information into the directory			Migrate information into the directory			ALS			
235			Integrate with Metadata repository					Integrate with Metadata repository	ALS			
236			Staging	Deploy the directory on the staging environment		Staging			ALS			
237			Deployment	Deploy the directory on the production environment		Deployment			OpCenter			
238												
239	Commerce Directory	Analysis	Perform analysis that includes, what is the whole scope, who are the stakeholders, what the features required in this directory, and what is the information that needed to be in this directory	Analysis					STS			
240		Design	Design the directory architecture and the data model	first level PZN (Out of the box PZN)	Design for Second level PZN				STS			
241		Development	Develop and implement the directory based on the technology decided on in the design						ALS			
242		Integrate with the Portal	Integrate the directory with other service the portal provides				Integrate with the Portal for the Second level PZN		ALS			
243		Integrate with Metadata repository					Integrate with Metadata repository		ALS			
244		Staging	Deploy the directory on the staging environment				Staging for the Second level PZN		ALS			
245		Deployment	Deploy the directory on the production environment				Deployment for the Second level PZN		OpCenter			
246												
247		Application/ Services Directory	Analysis	Perform analysis that includes, what is the whole scope, who are the stakeholders, what the features required in this directory, and what is the information that needed to be in this directory		Analysis				STS		
248			Design	Design the directory architecture and the data model		Design				STS		
249	Development		Develop and implement the directory based on the technology decided on in the design				Development		ITG			
250	Integrate with the Portal		Integrate the directory with other service the portal provides				Integrate with the portal		ITG			
251	Integrate with Metadata repository						Integrate with Metadata repository		ITG			
252	Staging		Deploy the directory on the staging environment				Staging		ITG			
253	Deployment		Deploy the directory on the production environment				Deployment		OpCenter			
254												
255		Identify, capture & communicate Key Stakeholders Vision, Expectations, Success Factors, e-readiness status, change mgmt requirements, ... etc		Identify, capture & communicate Key Stakeholders Vision, Expectations, Success Factors, e-readiness status, change mgmt requirements, ... etc					STS			
256												
257												
258												
259												
260												
261												

262	Portal Strategy	Examine & use expert opinion, objective research, successful egov models, recommendations & best practices		Examine & use expert opinion, objective research, successful egov models, recommendations & best practices				STS			
263		Review recent policies & plans for eGOV regulatory & legislative framework		Review recent policies & plans for eGOV regulatory & legislative framework				STS			
264		Establish/examine Access Channels, Out-Reach & communications Policies		Establish/examine Access Channels, Out-Reach & communications Policies					STS		
265		Analyze & incorporate Proven methodologies, practices, Fact-based data & produce Portal Strategy & updated Blueprint/Roadmap		Analyze & incorporate Proven methodologies, practices, Fact-based data & produce Portal Strategy & updated Blueprint/Roadmap					STS		
266		Set Portal Release Management Policies		Set Portal Release Management Policies					STS		
267		Establish High-level plan for realization of the Strategy		Establish High-level plan for realization of the Strategy					STS		
268											
269	Framework - Implementation View	Develop Component View		Develop Component View				STS			
270		Develop Components Interoperability Standards, Policies, Rules, ... etc.		Develop Components Interoperability Standards, Policies, Rules, ... etc.				STS			
271		Develop Architectural Guidelines		Develop Architectural Guidelines					STS		
272		Set Implementation Schedule		Set Implementation Schedule					STS		
273	Framework documentation		Framework documentation					STS			
274											
275	Search Engine Integration	Installation	Install search engine, text extender, and information integration components	Installation				B1			
276											
277		Configuration			Configuration (for existing content)				B1		
278			Configuration	Configure the search engine to connect to and index search repositories required		Configuration (External Sites, statistics and Diwan)			B1		
279											
280	Integration with the portal						Integrate with Metadata repository	B1			
281		Integration with the portal	Integrate search engine into GoJ portal, and provide parameters required to portal search applications configuration	Integration with the portal					B1		
282											
283	Architecture Definition	Information Portal Architecture	Build architecture for GoJ information portal (release 1)	Information Portal Architecture				STS			
284		Document Portal Architecture Alternatives	Capture different Architectural alternative and options to use in GoJ information portal design	Document Portal Architecture Alternatives				STS			
285		Portal Architecture Recommendations	Propose recommendations for moving forward with the design.	Portal Architecture Recommendations					STS		
286		GoJ Overall architecture	Build High level enterprise architecture for GoJ Portal	GoJ Overall Architecture					STS		
287											
288	Security Platform Design	Security Policy	Security Policy Document for GoJ Portal	Security Policy				Op Center			
289		Design GoJ Portal Security	Overall Portal Security Standards, Policies, & Procedures	Design GoJ Portal Security				STS			
290		Design G2x Authentication Mechanisms	Design how G2x users will be authenticated and allowed to access the GoJ Portal		G2G Authentication and content managers authentication (LDAP Based)				STS		
291						G2X authentication Design and directory integration design				STS	
292		Design Single Sign On & Authorization policies, standards, mechanisms & components	Design the single sign-on support for all internal/external information access, eServices, and applications.		Design SSO for 1st wave eServices integration				STS		
293						Design SSO for 2nd wave eServices integration				STS	
294		Infrastructure & Application Security	Design GoJ Portal infrastructure Security requirements : Web Servers, WAS Apps Security, Application Security, Certificates, OS hardening, ... etc.	Infrastructure & Application Security					STS		
295	Security Policy	Security Policy Document for GoJ Portal					Security Policy	STS			
296											

297	eServices Delivery Platform Design	eServices Platform Design	Design eServices Framework to support hosting, integration, interoperability and execution of eServices on the GoJ portal Platform.		eServices Platform Design for Second wave of eServices			STS		
298		Design Common Components	Design common components: logging, alerting, notification, scheduling, etc			Design Common Components		STS		
299		Interoperability brokers with Shared/Common Services	Design Interoperability with Shared Services. Set Guidelines, Standards, & Policies			Interoperability brokers with Shared/Common Services		STS		
300		Design Integration with existing eServices	Design Integration with first wave eServices			Design Integration with existing eServices		STS		
301		Design Integration with future eServices	Design Integration with EAI based eServices			Design Integration with future eServices		STS		
302		eServices Development, Deployment & integration Guidelines	Guidelines for Development & deployment and integration of local and remote EAI-based eServices			1st Wave eServices Development, Deployment & integration Guidelines EAI-Based eServices Development, Deployment & integration Guidelines		STS		
303										
304										
305	Portal Delivery Platform Design	Review Existing GoJ site Design	Review current site Themes, Layout, and UI		Review Existing GoJ site Design			EST/STS		
306		Introduce Website Enhancements	In view of reviewing Limitations & Logs of previous requirements, Establish & Design new portal/website enhancements (Weather, Stocks, ... etc.)		Introduce Website Enhancements			EST/STS		
307		Content Delivery / Portal Web Design	Design GoJ portal Layout, Themes and Navigation Scheme		Content Delivery / Portal Web Design			EST/STS		
308		Content Managers' UI Design	Design Content managers screens and content contribution template look and feel		Content Managers' UI Design			EST/STS		
309		Portal UI Mock-ups creation	Create mock-ups based on the update portal design, Present & , review & approve by client.		Portal UI Mock-ups creation			EST/STS		
310		Review Reusable parts	Review the design of content publisher resources to guarantee that content management and content delivery requirements, usability, navigation structure are met and review the DB schema		Review the design of content publisher resources to guarantee that content management and content delivery requirements, usability, navigation structure are met and review the DB schema			EST/STS		
311		Usability Standards & Guidelines	Establish Portal Usability Standards & Guidelines		Usability Standards & Guidelines			EST/STS		
313		Portal Delivery Platform Design	Design Content Delivery G2X Portlets, General Portlets, MiniWebSite Portlets. Design Required Portlet messaging, and Click2Action feature		Portal Delivery Platform Design			EST/STS		
314		Design Content Aggregation applications/portlets	Design Content Aggregation environment, interoperability, Information feeds, mechanisms, and protocols		Design Content Aggregation applications/portlets for stock and weather			EST/STS		
315						Design content aggregation applications/portlets for 3 queries		EST/STS		
316						Design content aggregation applications/portlets for additional 3 queries	EST/STS			
317	Design Personalization & Customization	Design Personalization & Profiling subsystems, incorporating implicit & explicit personalization & recommendation mechanisms. Including Directories integration & profile Repository design			Design Personalization & Customization - 1st level PZN		EST/STS			
318						Design Personalization & Customization - Second level PZN	EST/STS			
319										
320	Portal Security Platform Develop	Directory Server Integration & synchronization components	Develop, test, deploy Integration & synchronization components for directories interoperability with portal & across directories		Directory Server Integration & synchronization components			STS		
321		Create user groups and their ACL	Setup needed roles and groups for GoJ portal Administration. Management, access, ... etc.		Create user groups and their ACL			STS		
322		Single-Sign-on	Develop, test, deploy single-sign-on Integration & synchronization components, & integration with directories across portal		Single-Sign-on for first wave	Single-Sign-on for second wave		STS		
323		Application Server & Applications Security	Configure Portal environment components security: Portal and application server security and encryption mechanisms, Configure DB security and Password encryption, shared / common services		Portal and application server security and encryption mechanisms, Configure DB security and Password encryption			STS		

359	Implementation Services	on Service	Post Implementation Assessment & Security Policy Review	Review the Security Policy after installing and configuring firewalls and VPN, and make sure it is met	Post Implementation Assessment & Security Policy Review				STS		
360		Backup Implementation service	Backup Policy Creation	Define Backup policy for GoJ Portal	Backup Policy Creation				STS		
361			Install & Configure	Installation and configuration of the Backup agents on all new added servers.	Install & Configure				STS		
362			Test & Implement	Testing of backup operation.	Test & Implement				STS		
363			Post Implementation Backup Policy Review	Review the Backup Policy after installing and configuring Backup agents, and make sure it is met	Post Implementation Backup Policy Review				STS		
364			Intrusion Detection System Implementation Service	Install & Configure	Install and configure IDS network engine, IDS host engine, IDS monitor.	Install & Configure				STS	
365		Test & Implement		Setup and Perform testing parameters for IDS components	Test & Implement				STS		
366		Cluster Implementation Service	Install & Configure	Install and configure Storage and Cluster aware Database	Install & Configure				STS		
367			Test & Implement	Testing of the platform and storage	Test & Implement				STS		
368		Web/Application Server Implementation Service	Install & Configure	Install and configure web, application, directory, and database servers	Install & Configure				B1		
369			Test & Implement	Perform testing for proper installation of Web, Application, and other installed servers	Test & Implement				B1		
370		Content Publisher & Search Engine Implementation Service	Install & Configure	Provide implementation services related to all components of the Content Management Platform, including Content Publisher, Search Engine, & any Web Servers installation & configuration	Install & Configure				B1		
371			Test & Implement	Perform testing for proper installation of Content Publisher, and other installed servers	Test & Implement				B1		
372		OpSys/Web Hardening/Protecting (Delivery	Install & Configure, Test & Implement	Provide OS/Web hardening services related to all components of the Portal Delivery Platform.	Install & Configure, Test & Implement				STS		
373											
374	Archiving	Archiving Guidelines, policies and procedures	Based on the tool capabilities and MoICT requirements			Archiving Guidelines, policies and procedures		EST			
375		Archiving Implementation	Based on the tool capabilities and MoICT requirements				Archiving Implementation		EST		
376	Reports and Metrics	Customized reports	Based on the tool capabilities and MoICT requirements		Customized reports			STS			
377		Audit trail and logs	Based on the tool capabilities and MoICT requirements		Audit trail and logs			STS			
378	Administration & Customization	Administration	Based on the tool capabilities and MoICT requirements		Customized reports			STS			
379		Customization	Based on the tool capabilities and MoICT requirements		Audit trail and logs			STS			
380	Handover	Knowledge Transfer	Content	Doing the actual knowledge transfer to MoICT for the content part, including the content itself, the content cycle, workflows, and the metadata handling	Content			EST			
381			Architecture	Doing the actual knowledge transfer to MoICT for the portal architecture and its components	Architecture			STS			
382			Delivery Platform & Design	Doing the actual knowledge transfer to MoICT for the platform design and its components	Delivery Platforms & Design	Delivery Platforms & Design			EST/STS		
383			eServices & Security Platforms Design	Doing the actual knowledge transfer to MoICT for the Portal Security & eServices platforms design and its components	eServices & Security Platforms & Design	eServices & Security Platforms & Design			STS		

395		Guidelines	Doing the actual knowledge transfer to MoICT for the guidelines developed throughout the project implementation		Guidelines			EST/STS	
396		Environment	Doing the actual knowledge transfer to MoICT for the Production Environment (HW, NW & System Software)		Doing the actual knowledge transfer to MoICT for the Production Environment (Portal Software)			B1	
397					Doing the actual knowledge transfer to MoICT for the Production Environment (HW, NW, & System Software)			OpCenter	
398									
399	Support	Portal management and Support	Support for GoJ Information Portal				Portal Platform(s) Support	EST/STS	
400		Architecture & Design Support	After implementation support for MoICT for the Architectural & Design issues				Architecture & Design Support	STS	
401									
402	Program Management		Provide program management services for the whole parts of the project assigned to the five IQC's	Program Management	Program Management	Program Management		EST	
403									
404	Quality Management		Provide Quality management services for the whole parts of the project assigned to the five IQC's and oversee the quality assurance activities performed by each IQC including the reviews the architecture parts	Quality Management	Quality Management	Quality Management		EST	