

880110 CMIP Expansion

## Exhibit Design and Fabrication Scope of Work and Schedule

19-Sep-13

NOTE: MILESTONES ARE IN RED TEXT

Task Name	Duration	Start	Finish	Resource Names
<b>Design Team Procurement</b>	<b>126 days</b>	<b>05 Jun '13</b>	<b>28 Nov '13</b>	
<b>Project Architect w Interior Design</b>	<b>86 days</b>	<b>05 Jun '13</b>	<b>03 Oct '13</b>	
Project Architect w Interior Design Engaged	0 days	03 Oct '13	03 Oct '13	CMIP
<b>Museum Consultant</b>	<b>65 days</b>	<b>11 Jun '13</b>	<b>10 Sep '13</b>	
Museum Consultant Engaged	0 days	10 Sep '13	10 Sep '13	CMIP
<b>Museum Exhibit Design/ Fabricator</b>	<b>57 days</b>	<b>10 Sep '13</b>	<b>28 Nov '13</b>	
Museum Interior Exhibit Design/ Fabricator Engaged	0 days	28 Nov '13	28 Nov '13	CMIP
<b>Content Development</b>	<b>209 days</b>	<b>17 Sep '13</b>	<b>16 Jul '14</b>	
Review State of Content Development	5 days	17 Sep '13	23 Sep '13	CMIP ,Mus
Gap Analysis of Interpretive Plan	15 days	17 Sep '13	07 Oct '13	CMIP ,Mus
Gap Filling Plan Development	5 days	08 Oct '13	14 Oct '13	CMIP ,Mus
Develop Initial Research Plan	20 days	15 Oct '13	11 Nov '13	CMIP ,Mus ,MHPM
Develop Content Outline and Refine Interpretive Plan	33 days	16 Oct '13	29 Nov '13	CMIP ,MHPM ,Mus
Review of Interpretive Plan	10 days	02 Dec '13	13 Dec '13	CMIP
Content Development and Exhibition Design	155 days	02 Dec '13	16 Jul '14	Arch ,CMIP ,MHPM ,Mus ,Fab
<b>Functional Plan/Schematic Design</b>	<b>85 days</b>	<b>07 Oct '13</b>	<b>13 Feb '14</b>	
Project 1, Kenneth C. Rowe Heritage Hall	60 days	07 Oct '13	08 Jan '14	Arch ,Int
Project 2/3, New and Existing Museum Space	60 days	07 Oct '13	08 Jan '14	Mus ,Fab
Integrate Schematic Design	15 days	09 Jan '14	29 Jan '14	Arch ,Mus ,Fab ,Int
Class 'C' Cost Estimate	5 days	30 Jan '14	05 Feb '14	Cost
Review Functional Plan/ Schematic Design	5 days	06 Feb '14	12 Feb '14	CMIP ,MHPM ,HPA
Functional Plan/ Schematic Design Approval	0 days	13 Feb '14	13 Feb '14	CMIP
<b>Implementation</b>	<b>311 days</b>	<b>13 Feb '14</b>	<b>06 May '14</b>	
<b>Project 1, Kenneth C. Rowe Heritage Hall</b>	<b>171 days</b>	<b>13 Feb '14</b>	<b>09 Oct '14</b>	
Order Long Lead FF&E Items	100 days	25 Apr '14	11 Sept '14	Arch ,CMIP ,MHPM ,Mus
Prequalify Contractors	20 days	13 Feb '14	12 Mar '14	Arch ,CMIP ,MHPM ,Mus
Design Development	30 days	13 Feb '14	26 Mar '14	Arch ,Mus ,Int ,CMIP ,RCR ,Fab
Class 'B' Cost Estimate	5 days	27 Mar '14	02 Apr '14	Cost
CONTINGENCY: Value Engineering	5 days	03 Apr '14	09 Apr '14	Arch ,CMIP ,Cost ,MHPM ,Mus ,Int
Design Development Package Review	5 days	10 Apr '14	16 Apr '14	CMIP ,MHPM ,RCR ,HPA
Design Development Package Approval	0 days	17 Apr '14	17 Apr '14	CMIP
Contract Documents	15 days	17 Apr '14	07 May '14	Arch
Translation and Posting of Tender Package for Project 1	11 days	08 May '14	22 May '14	CMIP
CONTINGENCY: Class 'A' Estimate to Verify Value Engineering Efforts	5 days	08 May '14	14 May '14	Cost
Contract Documents Review by HPA	5 days	15 May '14	21 May '14	HPA
Tender	15 days	23 May '14	12 Jun '14	
Tender Award	10 days	13 Jun '14	26 Jun '14	CMIP ,MHPM
Project 1 Builder Engaged	0 days	27 Jun '14	27 Jun '14	CMIP
Construction	75 days	27 Jun '14	09 Oct '14	Builder

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Task Name	Duration	Start	Finish	Resource Names
<b>Project 3, Existing Museum Space / Project 2, New Museum Space</b>	<b>196 days</b>	<b>12 Jun '14</b>	<b>25 Mar '15</b>	
Order Long Lead FF&E Items	100 days	12 Sep '14	11 Feb '15	Arch ,CMIP ,MHPM ,Mus ,Fab
Prequalify Contractors	20 days	19 Jun '14	16 Jul '14	Arch,CMIP,MHPM, Mus
Design Development	40 days	12 Jun '14	06 Aug '14	Arch ,Mus ,Int ,Fab
Class 'B' Cost Estimate	5 days	07 Aug '14	13 Aug '14	Cost
CONTINGENCY: Value Engineering	5 days	14 Aug '14	20 Aug '14	Arch,CMIP,Cost, MHPM ,Mus,Int ,Fab
Design Development Package Review	5 days	21 Aug '14	27 Aug '14	CMIP ,MHPM ,HPA
<b>Design Development Package Approval</b>	<b>0 days</b>	<b>28 Aug '14</b>	<b>28 Aug '14</b>	CMIP
Contract Documents	15 days	28 Aug '14	17 Sep '14	Arch ,Int ,Fab ,Mus
Translation and Posting of Tender Package for Project 3/2	11 days	18 Sep '14	02 Oct '14	CMIP
CONTINGENCY: Class 'A' Estimate to Verify Value Engineering Efforts	5 days	18 Sep '14	24 Sep '14	Cost
Contract Documents Review by HPA	5 days	25 Sep '14	01 Oct '14	HPA
Tender	15 days	03 Oct '14	23 Oct '14	
Tender Award	10 days	24 Oct '14	06 Nov '14	CMIP ,MHPM
<b>Project 2/3 Builder Engaged</b>	<b>0 days</b>	<b>07 Nov '14</b>	<b>07 Nov '14</b>	CMIP
Extract Artifacts from existing exhibits	10 days	24 Oct '14	06 Nov '14	CMIP
<b>Construction Project 3</b>	<b>80 days</b>	<b>07 Nov '14</b>	<b>11 Mar '15</b>	
Demolish Existing Pier 21 Museum	20 days	07 Nov '14	04 Dec '14	Seasonal Constraint
Fit-up Pier 21 Museum	51 days	05 Dec '14	11 Mar '15	Seasonal Constraint
<b>Construction Project 2</b>	<b>62 days</b>	<b>01 Dec '14</b>	<b>09 Mar '15</b>	
Turn Over Equipment for new KCR Hall and Operational Start-Up	20 days	01 Dec '14	08 Jan '15	Arch ,CMIP ,MHPM ,Mus ,Builder ,RCR
Demolish Existing Kenneth C. Rowe Heritage Hall	17 days	08 Dec '14	12 Jan '15	Seasonal Constraint
Fit-up New Museum	40 days	13 Jan '15	09 Mar '15	Seasonal Constraint
Operational Start-Up	10 days	12 Mar '15	25 Mar '15	Arch,CMIP,Mus, Fab, Builder,Int,RCR,MHPM
<b>Handover</b>	<b>5 days</b>	<b>26 Mar '15</b>	<b>01 Apr '15</b>	Arch ,Builder ,CMIP ,MHPM ,Mus ,Fab
<b>Operational Start-Up</b>	<b>25 days</b>	<b>02 Apr '15</b>	<b>06 May '15</b>	
Place Artifacts	15 days	02 Apr '15	22 Apr '15	CMIP ,Mus ,Fab ,Arch
Trouble Shoot	10 days	23 Apr '15	06 May '15	CMIP ,Mus ,Fab ,Arch