

Construction Programme	2014				2015				2016				2017				2018			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Advanced Works</b>	<b>No. of group of PMEs</b>																			
Activity 1 - Aviation Fuel Pipeline Diversion							1	1	1	1	1									
Activity 2 - Power Cable Diversion							1	1	1	1										
<b>Land Formation Construction Activities</b>	<b>No. of group of PMEs</b>																			
Activity 3 - Sand Blanket Laying								7	18	7	5	5	1	2	3	1				
Activity 4 - Steel Cell									1	1	1									
Activity 5a - Ground Treatment by DCM Barge									4	12	23	28	32	29	23	17	12	10	3	
Activity 5b - Ground Treatment by PVD Barge									14	24	29	18	10	1	5	2	1			
Activity 5c - Ground Treatment by Stone Column (Water Based)									8	25	26	22	14	8	3					
Activity 5d - Ground Treatment by Stone Column (Land Based)													1	12	7					
Activity 5e - Ground Treatment by Sand Drains Barge									1	8	6	3	3	4	2	4	2			
Activity 6 - Seawall Construction									2	8	19		26	37	29	16	8	2		
Activity 7 - Marine Sand Filling											1	23	32	10	8	6	7	4	3	1
Activity 8a - Filling Above Water (Public Fill)													7	17	5	9	8	8	5	6
Activity 8b - Filling Above Water (Sand Fill)												4	17	13	4	5	3	1	1	1
Activity 8c - Compaction													13	56	57	16	19	23	13	12
Activity 9a - Placement of Surcharge													8	53	52	30	21	21	15	
Activity 9b - Removal of Surcharge																1	1	5	17	26
<b>Construction of Extension of South Perimeter Road</b>	<b>No. of group of PMEs</b>																			
Activity - Roadworks														1	1		1	1	1	1
<b>Asphalt / Concrete Batching Plants</b>	<b>No. of group of PMEs</b>																			
Activity 1 - Batching													2	2	2	2	2	2	2	2
Activity 2 - Haul Road													2	2	2	2	2	2	2	2
<b>Barging Points</b>	<b>No. of group of PMEs</b>																			
Activity - Barging													3	5	5	5	6	6	6	6
<b>Crusher Plants</b>	<b>No. of group of PMEs</b>																			
Crusher Plant on Barge									1	1	1	1	1	1	1					
Crusher Plant on Land															1		1	1	1	1
<b>Floating Concrete Batching Plants</b>	<b>No. of group of PMEs</b>																			
Activity - Batching											1	1	1	1	1	1	1	1		
Construction Programme	2019				2020				2021				2022				2023			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Land Formation Construction Activities</b>	<b>No. of group of PME</b>																			
Activity 3 - Sand Blanket Laying									2	2										
Activity 4 - Steel Cell																				
Activity 5a - Ground Treatment by DCM Barge									1	1										
Activity 5b - Ground Treatment by PVD Barge										1										
Activity 5c - Ground Treatment by Stone Column (Water Based)																				
Activity 5d - Ground Treatment by Stone Column (Land Based)																				
Activity 5e - Ground Treatment by Sand Drains Barge									1	1										
Activity 6 - Seawall Construction									1	1										
Activity 7 - Marine Sand Filling											2	2								
Activity 8a - Filling Above Water (Public Fill)	3										1	1								
Activity 8b - Filling Above Water (Sand Fill)											1	1								
Activity 8c - Compaction	16										1	1								
Activity 9a - Placement of Surcharge	8	8	3								2	2	2	2		1				
Activity 9b - Removal of Surcharge	3	11	23	8	8	5	6	1												
<b>Construction of Extension of South Perimeter Road</b>	<b>No. of group of PMEs</b>																			
Activity - Roadworks	1	1	1	1	1	1														
<b>Asphalt / Concrete Batching Plants</b>	<b>No. of group of PMEs</b>																			
Activity 1 - Batching	2	2	2	3	3	3	3	6	6	6	6	6	6	6	6	6				
Activity 2 - Haul Road	2	2	2	3	3	3	3	6	6	6	6	6	6	6	6	6				
<b>Barging Points</b>	<b>No. of group of PMEs</b>																			
Activity - Barging	6	6	6	6	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2
<b>Crusher Plants</b>	<b>No. of group of PMEs</b>																			
Crusher Plant on Land	1																			

Construction Programme	2014				2015				2016				2017				2018			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Terminal 2 &amp; Roadworks Construction Activities</b>	No. of group of PMEs																			
Activity 1 - Advance Works for T2 Expansion									1	1	1	1	1	1	1	1	1	1	1	1
Activity 2 - Piling and D-wall															1	1	1	1		
Activity 3 - AIS / BHS Sub-Structure																	1	1	1	
Activity 4 - Superstructure																	1	1	1	
Activity 5 - Existing Structural Modification																				
Activity 6 - ABWF & E&M Works																				
Activity 7 - At-Grade & Elevated Road Works													1	1	1	1	1	1	1	1
<b>Roadworks at South Cargo Area Construction Activities</b>	No. of group of PMEs																			
Activity 1 - Viaduct Roads													1	1	1	1	1	1	1	1
Activity 2 - At-grade Roads													1	1	1	1	1	1		
<b>Construction of Intermodal Transfer Terminal (Concurrent Project)</b>	No. of group of PMEs																			
Activity 1 - Advance Works			1	1																
Activity 1a - Roadworks			1	1	1	1	1													
Activity 1b - BHS				1	1	1	1	1	1	1										
Activity 1c - APM				1	1	1	1													
Activity 2 - Main works					1	1	1													
Activity 2a - Bonded Road									1	1	1	1	1							
Activity 2b - BRH & coach hall						1	1	1	1	1	1	1	1	1	1					
Activity 2c - Skypier (A&A works)								1	1	1	1	1	1							
Activity 2d - APM tunnel							1	1	1	1										
<b>Construction of Other Airport Facilities Related Works (Concurrent Project)</b>	No. of group of PMEs																			
Activity 1 - Site Formation									1	1										
Activity 2 - Foundation & building works											1	1	1	1	1	1	1	1	1	1
<b>Construction Programme</b>	2019				2020				2021				2022				2023			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Terminal 2 &amp; Roadworks Construction Activities</b>	No. of group of PME																			
Activity 1 - Advance Works for T2 Expansion	1	1																		
Activity 2 - Piling and D-wall																				
Activity 3 - AIS / BHS Sub-Structure	1	1	1	1	1	1														
Activity 4 - Superstructure	1	1	1	1	1	1	1	1	1	1										
Activity 5 - Existing Structural Modification		1	1	1	1	1	1	1	1	1	1	1	1	1	1					
Activity 6 - ABWF & E&M Works		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
Activity 7 - At-Grade & Elevated Road Works	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
<b>Roadworks at South Cargo Area Construction Activities</b>	No. of group of PMEs																			
Activity 1 - Viaduct Roads	1	1	1																	
Activity 2 - At-grade Roads																				
<b>Construction of Other Airport Facilities Related Works (Concurrent Project)</b>	No. of group of PMEs																			
Activity 1 - Site Formation																				
Activity 2 - Foundation & building works	1	1	1	1																

Construction Programme	2014				2015				2016				2017				2018			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Infrastructure - New Land &amp; Existing Runway</b>	<b>No. of group of PMEs</b>																			
Activity 1 - Site Grading & General Excavation																	1	2	5	6
Activity 2 - General Site Work (Including Utility & Drainage Systems)																		1	2	1
Activity 3a - Airfield Paving Flexible																				
Activity 3b - Airfield Paving Rigid																				
Activity 4 - APM & BHS Tunnel Construction																				
Activity 5 - Vehicular Tunnel Construction																			2	2
Activity 6a - Terminal Building Foundations & Basement																				
Activity 6b - Terminal Building Structure (Concrete)																				
Activity 6c - Cladding and Roof																				
Activity 7 - Ancillary Support Area Building Construction																	1	1	1	
Activity 8 - Fit out																				
Activity 9 - Roads																			1	
Activity 10 - Airfield Planing																				
<b>Infrastructure - Midfied Modification</b>	<b>No. of group of PMEs</b>																			
Activity 2 - General Site Work (Including Utility & Drainage Systems)													2							
Activity 5 - Vehicular Tunnel Construction													1	1	1	1	1	1	1	1
<b>Infrastructure - APM/BHS Systems</b>	<b>No. of group of PMEs</b>																			
Activity 4 - APM & BHS Tunnel Construction															1	1	1	1	1	1
Activity 6a - Terminal Building Foundations & Basement													1	1	1	1	1	1	1	1
Activity 11 - APM Depot																	1	1	1	1
<b>Construction of North Commercial District (Concurrent Project)</b>	<b>No. of group of PMEs</b>																			
Activity 1 - Site Formation for Phase 1							1	1												
Activity 2 - Roadworks								1	1	1	1	1	1	1	1	1				
Activity 3 - Foundation & building works for Phase 1								1	1	1	1	1	1	1	1	1				
Activity 4 - Site Formation for Phase 2																	1	1		
Activity 5 - Foundation & building works for Phase 2																	1	1	1	1
<b>Construction Programme</b>	<b>2019</b>				<b>2020</b>				<b>2021</b>				<b>2022</b>				<b>2023</b>			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Infrastructure - New Land &amp; Existing Runway</b>	<b>No. of group of PME</b>																			
Activity 1 - Site Grading & General Excavation	5	1	3	5	3			1			1			1	1					
Activity 2 - General Site Work (Including Utility & Drainage Systems)	5	5	4	3	4	2		1	1	1	1			1	1					
Activity 3a - Airfield Paving Flexible	1	4	4	4	4	6	6	2	2	2	1	2	4	4	5	3		1		
Activity 3b - Airfield Paving Rigid								1	2	2	2	2	2	1	1	1				
Activity 4 - APM & BHS Tunnel Construction	1	1	1	1	2	2	2	2	1	3	4	4	3	2	1					
Activity 5 - Vehicular Tunnel Construction	1				1	2	2	2	3	4	3	5	5	4	2	1				
Activity 6a - Terminal Building Foundations & Basement					1	1	3	3	2											
Activity 6b - Terminal Building Structure (Concrete)									2	2	2	2	2	2						
Activity 6c - Cladding and Roof													2	2	2	2				
Activity 7 - Ancillary Support Area Building Construction	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2				
Activity 8 - Fit out		1	1	1	1												3	3	3	
Activity 9 - Roads	1	1	1	1	1	1	1									1	1			
Activity 10 - Airfield Planing									1		1									
<b>Infrastructure - Midfied Modification</b>	<b>No. of group of PMEs</b>																			
Activity 5 - Vehicular Tunnel Construction	1	1	1	1					1	1	1	1	1	1	1	1				
<b>Infrastructure - APM/BHS Systems</b>	<b>No. of group of PMEs</b>																			
Activity 4 - APM & BHS Tunnel Construction	1	1	1	1	1	1														
Activity 9 - Roads					1															
Activity 11 - APM Depot	1	1	1	1	1	1	1													
<b>Construction of North Commercial District (Concurrent Project)</b>	<b>No. of group of PMEs</b>																			
Activity 5 - Foundation & building works for Phase 2	1	1	1	1																