

Appendix M: Q5+1 Version 26

Q5+1 (2013/14) Heathrow capital plan based on 2007/2008 £735m inflated to 2011/2012 price base £879m

CS Ref	Concept Solution Title	Stakeholder Fora	Delivery Programme	Concept Status	Q5+1 Em	Q6 Em
Roll	T2A Building	EC	T2	P	121	10
Roll	EC Logistics & Leadership	EC	T2	P	63	14
Roll	MSCP East Phase 1	EC	T2	P	24	0
Roll	T2B Phase 2	EC	T2	P	96	42
Roll	Eastern Campus ICS	EC	T2	P	25	3
Roll	T2A Baggage	EC	T2	P	12	0
Roll	Eastern Campus Apron	EC	T2	P	20	0
Roll	Energy Infrastructure	A&EA	POP	P	3	0
Roll	Eastern Maintenance Base	A&EA	POP	P	10	0
Roll	Major Fire Appliance Replacement	A&EA	POP	P	3	0
Roll	T3B	WBP	WBP	P	78	51
Roll	Heathrow Resilience	A&EA	CO	P	13**	0
NR 3139	T4 ABF 1.75 Phase 2	WBP	CO	P	2.7	0
NR 3206	T3 Pier 5 A380 gaterooms 340	T3	CO	P	8.5	7
NR 3144	Stands Infrastructure - FEGP Upgrade for 787	A&EA	CO	P	2.0	0
NR 3019	T5 - TTS Capacity	T5	CO	P	19.0	2
NR 1936	(A) Terminal 3 - Structure	T3	POP	P	5.0	3.5
NR 3138	T5 Early Bag Store Capacity Increase	WBP	WBP	P	7.5	5.0
NR 3159	T5 Baggage Western Campus IT Upgrade	WBP	WBP	P	2.4	0
NR 3150	MSCP2 Phase 2 Enabling	EC	T2	P	14	0
NR 3164	T2B Phase 1 refit	EC	T2	P	4.5	1
NR 3141	Code F 3rd Bridges T5C & T2B	EC/T5	T2/TRM	P	0.6	0
NR 3160	T3 Check in Zone A and B Porches	T3	TRM	P	1.5	0
3113	27L Runway Approach Lights	A&EA	POP	P	1.5	0
3037	Runway Overlays Northern & Southern & Q6 Runway Lighting	A&EA	POP	P	20.0	0
3110	AGL Control System	A&EA	POP	P	3.0	5.0
3570	HAL Sweeper Tip Facility	A&EA	POP	P	2.0	2.0
3028	Q6 Pollution Control Systems	A&EA	POP	P	5.0	0
2030	Property Asset Replacement & Maintenance	A&EA	POP	P	4.0	0
3103	Enhanced energy metering/measurement	A&EA	POP	P	1	0
3540	Energy Demand Management	A&EA	POP	P	1	0
3148	T3 Check-in Enhancements Phase 2	T3	TRM	P	3.5	0
2140	Retail Services Minor Works	TBA	TRM	P	2	0
3021	MSCP2 Phase 2 Full Build	EC	PI	P	18.0	8.0
3044	Additional Aviation Fuel Infrastructure	A&EA	CO	P	6.0	13
2055	Loading bay enhancements T3 & T4	T3/T4	CO	P	1.5	3.5
3002	T4 Baggage Reclaim Hall Capacity	T4/WBP	CO	P	8	4
3152	Additional Domestic & Introduction of CTA Capacity in TSA	T5	CO	P	2	0
3067	Baggage Combined Control rooms	WBP	CO	P	6	3.0
3053	Sierra taxiway Code F to 27L	A&EA	CO	P	2	0
TBA	(A) Landside Roads	A&EA	POP	P	3.0	0
TBA	Core Electrical Distribution Upgrades	A&EA	POP	P	8.0	0
TBA	Remaining T4 Airbridge Asset Replacement	T4	TRM	P	5	0
TBA	HVAC Compliance	TBA	TRM	P	2	0
TBA	T5 Landside Lifts	T5	TRM	P	0.5	0
TBA	PRM Rooms	TBA	TRM	P	2	0
TBA	T5 Reject Facility - Sorter to Arrivals	WBP	WBP	P	4	0
TBA	T5B MAR's ing Code F's	T5	CO	P	2	0
TBA	Additional Heathrow Resilience Works	A&EA	CO	P	10**	0
TBA	T3 Pier 5 Redevelopment	T3	CO	P	7	0
TBA	Pier 5 Phase 1 Gate Room MAID Doors	T3	CO	P	0.6	0
Sub Total					643	177

Items being discussed in alternative fora

** Funded from PSDH not included in total & adjustment made to bottom line

I = Concept Solutions endorsed for Intellectual works - i.e. Initially funding will only be provided to Options Decision (G2) 1% - 3% of the total concept value

P = Concept Solutions endorsed to Proceed into standard process

Excludes on-going Winter Resilience & Compass Centre East Block Refurbishment work, currently being funded outside of the Regulated Asset Base

Values shown in the Q6 Columns above are initial Q6 commitments

Values shown exclude IBRS Impacts

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CS Ref	Pax Experience	Stakeholder Fora	Delivery Programme	Concept Status	Q5+1 £m	Q6 £m
TBA	In order to complete T2 successfully there are some known changes that will need to be funded. These will be funded from the CIP via the CIPWG process. These known changes need to be a priority alongside the I's in this list.	CIPWG	T2	I	TBA	TBA
Q6 Des	Q6 Design Allowance	CIPWG	PI	I	25	0
3100	T2 Pier 6 Connector	CIPWG	PI	I	3	0
2520	Innovation	IT	SYS/PI	I	1	0
2500	IT Telecoms Infrastructure	IT	SYS/PI	I	21.7	18.2
2206	End of life Commercial Systems Replacement	IT	SYS/PI	I	4.3	0
2512	Maximo Replacement	IT	SYS/PI	I	4.1	0
2557	Document Management Collaboration	IT	SYS/PI	I	2.4	0
6000	Protecting & Enhancing Finance Capability	IT	SYS/PI	I	1.7	0
2558	Procurement System Enhancements	IT	SYS/PI	I	1.3	0
3999	IT Capital Management	IT	SYS/PI	I	1.2	0
2553	My Airport refresh & enhancements	IT	SYS/PI	I	1.1	0
2555	Volunteer and Reservists System	IT	SYS/PI	I	0.9	0
2556	HR Enhancements	IT	SYS/PI	I	1.1	0
2550	BSC Case Management	IT	SYS/PI	I	1.1	0
2552	BSC Telephony Integration	IT	SYS/PI	I	0.1	0
3540	Fleet Data Tracking	IT	SYS/PI	I	0.1	0
2551	BSC Document Management	IT	SYS/PI	I	0.5	0
2200	E Business Development	IT	TRM/PI	I	2	0
2150	Ensure Web and Mobile platforms keep pace technically with passenger informational needs	IT	TRM/PI	I	3	0
2057	Real Time Sales Data	IT	TRM/PI	I	2	0
2130	Commercial IT & Telecoms Offerings	IT	TRM/PI	I	1.5	0
3101	Trolley Replacement for CTA (T1,T2,CTO,T3)	A&EA	POP/PI	I	3.8	0
3035	Main CTA Tunnel Refurb	A&EA	POP/PI	I	9.0	70.7
3051	HAL waste infrastructure	A&EA	POP/PI	I	1.5	0
3106	Renewable Energy Generation	A&EA	POP/PI	I	0.3	0
3124	Cargo Tunnel Refurb	A&EA	POP/PI	I	6.0	47.5
3554	AQ monitor replacement	A&EA	POP/PI	I	0.3	0
4804	Crossrail - assurance & protection	SA	SA/PI	I	1.6	0
4801	Surface Access Fund (High Speed Rail)	SA	SA/PI	I	2.0	0
2401	HEX Asset Replacement	SA	SA/PI	I	6	0
3147	T3 Arrivals Upgrades	T3	TRM/PI	I	9	0
3115	PRM Lifts Airside T3, T4, T1 and T5	T1/T3/T4/T5	TRM/PI	I	6	0
2111	Premium Security (Fast Track)	TBA	TRM/PI	I	11	0
2061	Retail concessions minor works	TBA	TRM/PI	I	2	0
2056	T4 General Retail Improvements	T4	TRM/PI	I	1.5	0
2051	T5 Gate luxury	T5	TRM/PI	I	4.85	3.7
2122	Dynamic Wayfinding	TBA	TRM/PI	I	4	0
2112	Expansion of ACS/ACS+	TBA	TRM/PI	I	5	0
3156	New Model Line	TBA	TRM/PI	I	16	0
3078	Self Bag Drop	TBA	CO/PI	I	10	0
2403	Self Boarding	TBA	CO/PI	I	3	0
2502	Real Time Heathrow	TBA	CO/PI	I	6	5
TBA	Additional PCA Units for T3 Stands	T3	CO/PI	I	5	0
TBA	Low Value Security Projects	A&EA	POP/PI	I	1.5	0
TBA	Baggage Asset Replacement	WBP	WBP/PI	I	4.0	0
TBA	Baggage IT Asset Replacement	WBP	WBP/PI	I	5.0	0
TBA	W/B Provision of Direct Airline Transfer Input Capability	WBP	WBP/PI	I	12	0
TBA	Asset Replacements All Areas (AKA Minors)	A&EA	TRM/PI	I	25	0
TBA	Terminal Ambience	TBA	TRM/PI	I	2.5	0
TBA	Passenger Toilets	TBA	TRM/PI	I	2.5	0
Sub Total					245	145
Cumulative Sub Total					889	322

Q6 Design Allowance - Top 10 Areas of Potential Focus

T2 Baggage System & T2 Phase 2 (as per Q5 CIP)	Terminal 3 Passenger Improvements
Code F Capability	Standard 3 HBS Upgrades
Asset Replacement	Terminal 5 Transfer Security Operation Improvement
Terminal 1 Future	Opportunities
Airfield Resilience	Impacts of BMI Divestment

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Values shown exclude IBR8 impacts