

Airports Commission NWR cost estimate - Source: Appendix C, Cost and Commercial Viability Cost and Revenue Identification Update Heathrow Airport North West Runway, Jacobs June 2015		HHL comment		HHL estimate of cost for NWR scheme					
Quantity	Unit	Unit Rate (£)	Total (£)	Quantity	Unit	Unit Rate (£)	Total (£)		
All figures rounded									
Elemental breakdowns as Jacobs cost estimate									
1	Site clearance	540	ha	156,000	84,700,000	680	ha	156,000	106,080,000
2	Decants/demolitions	0.0	sum	171,000,000	15,930,000	13	sum	171,000,000	188,100,000
3	Earthworks	3,893,500	m3	8	31,460,000	5,000,000	m3	8	40,000,000
4	Site levelling, remediation	270	ha	451,000	122,850,000	340	ha	1,000,000	340,000,000
5	Runway, taxiways, stands & taxiways			655,000,000				655,000,000	
6	Airfield facilities			320,000,000				320,000,000	
7	Terminal & satellite buildings			3,330,000,000				3,330,000,000	
8	Arside infrastructure (inc. passenger transit, baggage systems)			1,530,000,000				1,530,000,000	
9	Landside infrastructure (car parks)			500,000,000		52,500	spaces	25,000	1,312,500,000
10	Other landside infrastructure (inc. utilities, river diversions)			467,000,000				467,000,000	
11	Equipment			730,000,000				730,000,000	
12	Operational commissioning			124,000,000				124,000,000	
13	Operational handover			1,000				1,000	
14	Commercial property CPO			1,552,000,000				500,000,000	
15	Land purchase			406,000,000				500,000,000	
16	Residential property CPO			268,000,000		783	property	500,000	391,500,000
17	Environmental compensation & mitigation			478,000,000				2,600,000,000	
18	Community impacts including noise insulation and compensation			347,000,000					
19	Project/design team fees	15%		1,687,387,700		20%		3,194,236,000	
20	Risk	20%		2,556,661,140		20%		3,883,083,200	
21	Optimism Bias	15%		2,306,995,026		15%		3,448,774,880	
22	Surface access enhancements			17,640,961,866				26,448,274,080	
23	Sub-total (2014 prices)			11,115,918,000				15,971,180,000	
24	Total expansion capital cost			11,115,918,000				15,971,180,000	
25	Sub-total			11,115,918,000				15,971,180,000	
26	Total expansion capital cost			11,115,918,000				15,971,180,000	
27	Sub-total			11,115,918,000				15,971,180,000	
28	Total expansion capital cost			11,115,918,000				15,971,180,000	
29	Sub-total			11,115,918,000				15,971,180,000	
30	Total expansion capital cost			11,115,918,000				15,971,180,000	
31	Sub-total			11,115,918,000				15,971,180,000	
32	Total expansion capital cost			11,115,918,000				15,971,180,000	
33	Sub-total			11,115,918,000				15,971,180,000	
34	Total expansion capital cost			11,115,918,000				15,971,180,000	
35	Sub-total			11,115,918,000				15,971,180,000	
36	Total expansion capital cost			11,115,918,000				15,971,180,000	
37	Sub-total			11,115,918,000				15,971,180,000	
38	Total expansion capital cost			11,115,918,000				15,971,180,000	
39	Sub-total			11,115,918,000				15,971,180,000	
40	Total expansion capital cost			11,115,918,000				15,971,180,000	
41	Sub-total			11,115,918,000				15,971,180,000	
42	Total expansion capital cost			11,115,918,000				15,971,180,000	
43	Sub-total			11,115,918,000				15,971,180,000	
44	Total expansion capital cost			11,115,918,000				15,971,180,000	
45	Sub-total			11,115,918,000				15,971,180,000	
46	Total expansion capital cost			11,115,918,000				15,971,180,000	
47	Sub-total			11,115,918,000				15,971,180,000	
48	Total expansion capital cost			11,115,918,000				15,971,180,000	
49	Sub-total			11,115,918,000				15,971,180,000	
50	Total expansion capital cost			11,115,918,000				15,971,180,000	
51	Sub-total			11,115,918,000				15,971,180,000	
52	Total expansion capital cost			11,115,918,000				15,971,180,000	
53	Sub-total			11,115,918,000				15,971,180,000	
54	Total expansion capital cost			11,115,918,000				15,971,180,000	
55	Sub-total			11,115,918,000				15,971,180,000	
56	Total expansion capital cost			11,115,918,000				15,971,180,000	
57	Sub-total			11,115,918,000				15,971,180,000	
58	Total expansion capital cost			11,115,918,000				15,971,180,000	
59	Sub-total			11,115,918,000				15,971,180,000	
60	Total expansion capital cost			11,115,918,000				15,971,180,000	
61	Sub-total			11,115,918,000				15,971,180,000	
62	Total expansion capital cost			11,115,918,000				15,971,180,000	
63	Sub-total			11,115,918,000				15,971,180,000	
64	Total expansion capital cost			11,115,918,000				15,971,180,000	
65	Sub-total			11,115,918,000				15,971,180,000	
66	Total expansion capital cost			11,115,918,000				15,971,180,000	
67	Sub-total			11,115,918,000				15,971,180,000	
68	Total expansion capital cost			11,115,918,000				15,971,180,000	
69	Sub-total			11,115,918,000				15,971,180,000	
70	Total expansion capital cost			11,115,918,000				15,971,180,000	
71	Sub-total			11,115,918,000				15,971,180,000	
72	Total expansion capital cost			11,115,918,000				15,971,180,000	
73	Sub-total			11,115,918,000				15,971,180,000	
74	Total expansion capital cost			11,115,918,000				15,971,180,000	
75	Sub-total			11,115,918,000				15,971,180,000	
76	Total expansion capital cost			11,115,918,000				15,971,180,000	
77	Sub-total			11,115,918,000				15,971,180,000	
78	Total expansion capital cost			11,115,918,000				15,971,180,000	
79	Sub-total			11,115,918,000				15,971,180,000	
80	Total expansion capital cost			11,115,918,000				15,971,180,000	
81	Sub-total			11,115,918,000				15,971,180,000	
82	Total expansion capital cost			11,115,918,000				15,971,180,000	
83	Sub-total			11,115,918,000				15,971,180,000	
84	Total expansion capital cost			11,115,918,000				15,971,180,000	
85	Sub-total			11,115,918,000				15,971,180,000	
86	Total expansion capital cost			11,115,918,000				15,971,180,000	
87	Sub-total			11,115,918,000				15,971,180,000	
88	Total expansion capital cost			11,115,918,000				15,971,180,000	
89	Sub-total			11,115,918,000				15,971,180,000	
90	Total expansion capital cost			11,115,918,000				15,971,180,000	
91	Sub-total			11,115,918,000				15,971,180,000	
92	Total expansion capital cost			11,115,918,000				15,971,180,000	
93	Sub-total			11,115,918,000				15,971,180,000	
94	Total expansion capital cost			11,115,918,000				15,971,180,000	
95	Sub-total			11,115,918,000				15,971,180,000	
96	Total expansion capital cost			11,115,918,000				15,971,180,000	
97	Sub-total			11,115,918,000				15,971,180,000	
98	Total expansion capital cost			11,115,918,000				15,971,180,000	
99	Sub-total			11,115,918,000				15,971,180,000	
100	Total expansion capital cost			11,115,918,000				15,971,180,000	
101	Sub-total			11,115,918,000				15,971,180,000	
102	Total expansion capital cost			11,115,918,000				15,971,180,000	
103	Sub-total			11,115,918,000				15,971,180,000	
104	Total expansion capital cost			11,115,918,000				15,971,180,000	
105	Sub-total			11,115,918,000				15,971,180,000	
106	Total expansion capital cost			11,115,918,000				15,971,180,000	
107	Sub-total			11,115,918,000				15,971,180,000	
108	Total expansion capital cost			11,115,918,000				15,971,180,000	
109	Sub-total			11,115,918,000				15,971,180,000	
110	Total expansion capital cost			11,115,918,000				15,971,180,000	
111	Sub-total			11,115,918,000				15,971,180,000	
112	Total expansion capital cost			11,115,918,000				15,971,180,000	
113	Sub-total			11,115,918,000				15,971,180,000	
114	Total expansion capital cost			11,115,918,000				15,971,180,000	
115	Sub-total			11,115,918,000				15,971,180,000	
116	Total expansion capital cost			11,115,918,000				15,971,180,000	
117	Sub-total			11,115,918,000				15,971,180,000	
118	Total expansion capital cost			11,115,918,000				15,971,180,000	
119	Sub-total			11,115,918,000				15,971,180,000	
120	Total expansion capital cost			11,115,918,000				15,971,180,000	
121	Sub-total			11,115,918,000				15,971,180,000	
122	Total expansion capital cost			11,115,918,000				15,971,180,000	
123	Sub-total			11,115,918,000				15,971,180,000	
124	Total expansion capital cost			11,115,918,000				15,971,180,000	
125	Sub-total			11,115,918,000				15,971,180,000	
126	Total expansion capital cost			11,115,918,000				15,971,180,000	
127	Sub-total			11,115,918,000				15,971,180,000	
128	Total expansion capital cost			11,115,918,000				15,971,180,000	
129	Sub-total			11,115,918,000</					