



Ref	Old Ref	Status	Description of the Risk	Cause giving rise to the Risk	Effect and Impact of the Risk	Risk Category	Risk Owner	Appointed Risk Manager	Phase	Risk Mitigation Plan	Start Date of Impact	End Date of Impact	Date last Reviewed	Change Status of Residual Risk Allowance	Probability Score	Cost Impact Score	Time Impact Score	Series / Parallel Delay	Reputation Impact Score	Cost Impact Rating	Time Impact Rating	Reputation Impact Rating	Current Assessment	Probability	Minimum Cost	Most Likely Cost	Maximum Cost	Minimum Time (Weeks)	Most Likely Time (Weeks)	Maximum Time (Weeks)	Uncertainty Risk Allowance and Series Time Allowance	Uncertainty Parallel Time Allowance (Weeks)	Total Risk Allowance at the Start of the Design Phase	Required Increase	Allowable Decrease	Forecast to be spent on the Risk	Estimated Cost Incurred	Risk Transfer	Current Initial Allowance Remaining	Proposed Current Uncertainty Allowance	Uncertainty Allowance to be taken forward	Forecast Final Risk Spend	Risk Variance			
72	004	Yes	Design Development Drawings e.g. EC: No: result in compensation payments required for e.g. loss of crops / property damage.	Design phase preparation works and consultation activities	Additional costs and possible delay	Chief Design Development	SMB	Bill Edwards	Design	Engage with landowners and agree appropriate access to minimise potential for adverse impact	01/10/2013	30/09/2014	31/10/2014	↓	0	0			0	0	0	SMB Risk Item for pricing	0%	£0.00	£0.00	£0.00	0.0	0.0	0.0	£0.00	0.0	£60,666.67		£43,333.33		£43,333.33	£60,666.67	£17,333.33	£17,333.33	£17,333.33	£17,333.33	£43,333.33				
502	Yes	Design interfaces with 3rd parties design e.g. Network rail project select affected utility design	Design phase preparation works and consultation activities	Employer risk not evaluated Contractor to support Employer with mitigation.	Environmental Mitigation	SMB	Bill Edwards	Design	Early resolution of utility areas by Ecologist to identify any protected species as early as possible. Identify the required mitigation and measure any possible design / utility mitigation. Consultation. Major Control Change Control procedures. Use Contract Change Management to provide maximum efficiency of following contractual procedures and follow value engineering principles to reduce impact on cost and programme.	01/10/2013	30/09/2014	31/10/2014	↔	1	3			3	0	0		SMB Risk Item for pricing	5%	£100,000.00	£300,000.00	£600,000.00	0.0	0.0	0.0	£16,666.67	0.0	£66,666.67	£50,000.00		£50,000.00	£66,666.67	£16,666.67	£16,666.67	£16,666.67	£16,666.67	£16,666.67	£50,000.00				
82	F05	Yes	Information protection and measures disclosure encountered after publication of ES	Design phase preparation works and consultation activities	Employer risk not evaluated Contractor to support Employer with mitigation.	Environmental Mitigation	SMB	Bill Edwards	Design	Early resolution of utility areas by Ecologist to identify any protected species as early as possible. Identify the required mitigation and measure any possible design / utility mitigation. Consultation. Major Control Change Control procedures. Use Contract Change Management to provide maximum efficiency of following contractual procedures and follow value engineering principles to reduce impact on cost and programme.	01/10/2013	30/09/2014	31/10/2014	↓	0	0			0	0	0		SMB Risk Item for pricing	0%	£0.00	£0.00	£0.00	0.0	0.0	0.0	£0.00	0.0	£12,500.00						£12,500.00	£12,500.00	£12,500.00	£12,500.00	£0.00			
44	A11	Yes	Final Planning Permission meeting conditions. Additional works arising from the discharge of the planning conditions.	Planning authority requirements for approval	Employer risk not evaluated Contractor to support Employer with mitigation.	Planning	SMB	Bill Edwards	Design	Work with the Local Highway authorities to ensure that any planning conditions can be included in the Construction Programme with minimum delay and cost.	01/10/2013	30/09/2014	31/10/2014	↓	0	0	0	0	0	0	0		SMB Risk Item for pricing	0%	£0.00	£0.00	£0.00	0.0	0.0	0.0	£0.00	0.0	£157,500.00		£146,250.00		£146,250.00	£157,500.00	£11,250.00	£11,250.00	£11,250.00	£11,250.00	£146,250.00			
68	A17	Yes	High Court Challenge leading to programme delays.	Design phase preparation works and consultation activities	Employer risk not evaluated Contractor to support Employer with mitigation.	Planning	SMB	Bill Edwards	Design	Work to minimise land take requirements to mitigate field of objects. Ensure approval process is followed correctly and all documentation is simply structured and easily followed with all benefits and all mitigation measures are included to neutralise any potential negative impact	01/10/2013	30/09/2014	31/10/2014	↑	5	5	5	Parallel	4	25	25	20		SMB Risk Item for pricing	80%	£1,500,000.00	£2,000,000.00	£3,000,000.00	6.0	12.0	24.0	£1,733,333.33	11.2	£8,750.00			£8,750.00	£8,750.00	£8,750.00	£8,750.00	£8,750.00	£8,750.00	£8,750.00	£0.00		
164	F11	Yes	Environment Agency Approvals.	Design phase preparation works and consultation activities	Delays to programme awaiting approval of re-work	Statutory Consultees	James Bantel	Design	Early engagement and regular dialogue in agreeing proposals in principle before submitting formal. Ensure approval process is followed to correctly follow and all benefits are evidenced with 3d constructive measures to neutralise any potential negative impact	01/10/2013	30/09/2014	31/10/2014	↔	2	1			2	0	0			SMB Risk Item for pricing	20%	£20,000.00	£40,000.00	£80,000.00	0.0	0.0	0.0	£8,000.00	0.0	£8,000.00			£8,000.00	£8,000.00	£8,000.00	£8,000.00	£8,000.00	£8,000.00	£8,000.00	£0.00			
281	SMB	Yes	Local flooding problems exacerbated by the scheme or post construction disturbance of existing local drainage systems	Design phase preparation works and consultation activities	Network required, additional compensation to land owners, diversion to local transport network.	Chief Design Development	SMB	Bill Edwards	Design	RI changes to be identified by the change control procedure and challenged as part of the change approval process.	01/10/2013	30/09/2014	31/10/2014	↔	1	3			3	0	0		SMB Risk Item for pricing	5%	£80,000.00	£120,000.00	£160,000.00	0.0	0.0	0.0	£8,000.00	0.0	£80,000.00	£54,000.00		£54,000.00	£80,000.00	£6,000.00	£6,000.00	£6,000.00	£6,000.00	£6,000.00	£54,000.00			
124	G047	Yes	Additional works resulting from liaison with the Highways Agency. Storage is the only area that remains an issue.	Design phase preparation works and consultation activities	Employer risk not evaluated Contractor to support Employer with mitigation.	Chief Design Development	SMB	Bill Edwards	Construction	Mitigated by our K14 team with their experience and relationships with HA.			31/10/2014	↔	1	2			2	0	0		SMB Risk Item for pricing	5%	£50,000.00	£100,000.00	£160,000.00	0.0	0.0	0.0	£5,000.00	0.0	£5,000.00			£5,000.00	£5,000.00	£5,000.00	£5,000.00	£5,000.00	£5,000.00	£5,000.00	£0.00			
310	New	Yes	Design of the link access. Liability has to be Cheetham East.	Current design proposal	Additional costs incurred	Chief Design Development	SMB	Bill Edwards	Construction	RI changes to be identified by the change control procedure and challenged as part of the change approval process.			31/10/2014	↑	2	2			4	0	0		SMB Risk Item for pricing	20%	£36,000.00	£76,000.00	£130,000.00	0.0	0.0	0.0	£16,000.00	0.0	£0.00	£4,000.00		£4,000.00		£4,000.00	£16,000.00	£4,000.00	£4,000.00	£4,000.00	£4,000.00	£4,000.00	£4,000.00	
128	G017	Yes	Failure to identify ensure that all local access requirements are resolved prior including rights of way diversions and private means of access	Design phase preparation works and consultation activities	Employer risk not evaluated Contractor to support Employer with mitigation.	Construction Issues	SMB	Bill Edwards	Construction	Through our approach to Stakeholder engagement as described in Question 4, details of requirements of stakeholders will be identified early in K14 allowing confirmation of scope and time to value engineer design to mitigate the risk. The team have demonstrated the ability to do this on previous EC projects (M1028) and expertise available through K14.			31/10/2014	↔	1	2			2	0	0			SMB Risk Item for pricing	5%	£25,000.00	£50,000.00	£75,000.00	0.0	0.0	0.0	£2,500.00	0.0	£2,500.00			£2,500.00	£2,500.00	£2,500.00	£2,500.00	£2,500.00	£2,500.00	£2,500.00	£0.00		
137	G005	Yes	Fast and south, and to find other networks	Design phase preparation works and consultation activities	Employer risk not evaluated Contractor to support Employer with mitigation.	Strategic	SMB	Bill Edwards	Construction	We have previous experience of supporting the government (DEFRA) during the last outbreak, and James Bantel our environmental services manager has experience of the required procedures. We would support the wider project team and stakeholders in mitigating the impact, by using approved procedures to quarantine affected areas, and advise on emergency strategy.			31/10/2014	↔	0	0			0	0	0			SMB Risk Item for pricing	0%	£0.00	£0.00	£0.00	0.0	0.0	0.0	£0.00	0.0	£25,000.00	£25,000.00			£25,000.00	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00	£25,000.00	
189	A06	Yes	Changes in UK legislation or regulation e.g. waste regulations	Design phase preparation works and consultation activities	Employer risk not evaluated Contractor to support Employer with mitigation.	Strategic	SMB	Bill Edwards	Construction	FI - NOT TO BE ANALYSED DURING TENDER PROCESS			31/10/2014	↔	0	0			0	0	0		SMB Risk Item for pricing	0%	£100,000.00	£200,000.00	£400,000.00	0.0	0.0	0.0	£0.00	0.0	£11,666.67		£11,666.67		£11,666.67	£11,666.67	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00	£11,666.67
302	Yes	Value of design development CE events on Stage 6	Revised design being required	Additional costs incurred	Supply Chain and Commercial Issues	SMB	Bill Edwards	Construction	RI changes to be identified by the change control procedure and challenged as part of the change approval process.			31/10/2014	↔	0	0			0	0	0		SMB Risk Item for pricing	0%	£0.00	£0.00	£0.00	0.0	0.0	0.0	£0.00	0.0	£2,000,000.00			£10,000,000.00		£10,000,000.00	£2,000,000.00	£2,000,000.00	£2,000,000.00	£2,000,000.00	£2,000,000.00	£2,000,000.00			
312	Yes	The ex aircraft landing light that will be located in the new control reserve of the proposed works has to be tested every week for maintenance checks. This will require traffic management, the provision of which Manchester Airport may object to.	Design phase preparation works and consultation activities	Employer risk not evaluated Contractor to support Employer with mitigation.										↔	5	3			15	0	0		SMB Risk Item for pricing	90%	£100,000.00	£200,000.00	£400,000.00	0.0	0.0	0.0	£105,000.00	0.0														
313	Yes	The proposed works clash with the location of an EMR. Sub-Station. The boundary fencing & arcing distance is the issue.	Design phase preparation works and consultation activities	Employer risk not evaluated Contractor to support Employer with mitigation.										↔	4				0	0	0		SMB Risk Item for pricing	70%	£75,000.00	£150,000.00	£300,000.00	0.0	0.0	0.0	£169,166.67	0.0														
314	Yes	Works info does not require LED but ultimately that's probably where the project is heading. Liked additional cost of £100,000. With 500v columns may additional cost of £500,000 is probable.	Design phase preparation works and consultation activities	Employer risk not evaluated Contractor to support Employer with mitigation.										↔	5				0	0	0		SMB Risk Item for pricing	100%	£400,000.00	£500,000.00	£600,000.00	0.0	0.0	0.0	£500,000.00	0.0														

<b>£14,830,000.00</b>	<b>£23,012,000.00</b>	<b>£37,425,000.00</b>	<b>400,015.0</b>	<b>30.0</b>	<b>51.0</b>	<b>£7,700,166.67</b>	<b>11,2000</b>	<b>£30,000,000.00</b>	<b>£1,778,666.67</b>	<b>£16,186,333.33</b>	<b>£10,856,000.00</b>	<b>£960,000.00</b>	<b>£16,409,666.67</b>	<b>£10,117,833.33</b>	<b>£2,720,500.00</b>	<b>£1,700,166.67</b>	<b>£21,000,000.00</b>	<b>£8,000,000.00</b>	<b>£10,000,000.00</b>	<b>£21,000,000.00</b>	<b>£14,549.00</b>					
																			<b>(G)</b>		<b>Weekly Prelim Total</b>		<b>£25,000.00</b>		<b>(A)</b>	
																			Parallel Time Factor = 3		Parallel Time Risk Allowance		<b>£93,333.33</b>		<b>(B)</b>	
																			Total residual Uncertainty Allowance = ((cost + series time) + Parallel Time Allowance)		<b>£7,793,500.00</b>		<b>(C)</b>		<b>(A+B+C)</b>	
																			Risk Occurrence Allowance to go (from Risk Occurrence Report)		<b>£0.00</b>		<b>(D)</b>			
																			Total SMBC Project Residual Risk Allowance to Go		<b>£7,793,500.00</b>		<b>(E=C+D)</b>			
																			Variance from the Total Project Risk Allowance at the Start of the Design Phase		<b>£11,350,500.00</b>		<b>(F)</b>			
																			Forecast Final SMBC Project Risk Expenditure		<b>£18,649,500.00</b>		<b>(G+C)</b>			
																			SMBC Strategic Risk		<b>£19,206,500.00</b>		<b>(F)</b>			
																			Total SMBC Residual Risk Allowance		<b>£27,000,000.00</b>		<b>(E-F)</b>			