## City of London: Projects Procedure Corporate Risks Register

Project Name: West Smithfield and Charterhouse Street (Thameslink) Bridges Remedial Works

Unique project identifier:

Total budget estimate

£645,500.00

PM's Overall risk rating Avg unmitigated risk Avg mitigated risk score Red risks (open) Amber risks (open) Green risks (open)

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Cor	porate Risk M	Natrix score to	able
Minor impact	Serious impact	Major impact	Extre

	Minor impact	Serious impact	Major impact	Extreme impact
Likely	4	8	16	32
Possible	3	6	12	24
Unlikely	2	4	8	16
Rare	1	2	4	8

**Costed Risks Identified (All) Costed Pre-Mitigation (Live)** 

**Costed Risk Post-Mitigation (Live)** 

**CRP Requested** 

£5,460,000.00 846% % risk total against budget estimate £5,460,000.00 846% £4,670,000.00 723% £70,000.00 11%

(1) Service Delivery/ Performance

- (2) Financial
- (3) Reputation

Num Risks	Avg Score	Costed impact	Red	Amber	Green
7	9.4	£2,850,000.00	1	5	1
3	13.3	£2,350,000.00	1	2	0
2	8.0	£260,000.00	0	1	1

Issues (open) All Issues

1
1

	Extreme	Major	Serious	Minor
Open Issues	0	0	0	1
All Issues	0	0	0	1

Cost to resolve all issues (on completion)

0.00£

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Project Name 1	West Smithfield and Charterhouse Street (Thameslink) Bridges Remedial Works	PM's Overall risk rating Medium	Average unmitigated risk	Open Risks	12
Unique project identifier:	12021		Average 5.6 mitigated risk	Closed Risks	0

	identifier:								mitigated risk											
Risk ID	Category	Description of the Risk	Risk Impact Description	Likelihood	neral risk classifi Impact io Classificatio n	Costed impact (£)	Risk score	Confidence in the estimation	Mitigating actions	Mitigation cost (£)	Likelihood	Impact Classificati on after mitigation	Costed impact after mitigation (£)		Mitigated Risk score	Date raised	Risk owner (Department)	Risk owner (Officer/ External)  Ownership & Action dependencies	Date	Comment(s)
R1		Failure to secure timely possessions to the rail network to facilitate the remedial works	Project delay and possible increases in cost.	Possible	Major	£100,000.00	12	C – Uncomfortable	Early consultation with Network Rail Consideration of shared rail possessions with Museum of London relocation and Holborn pipe subway projects	£0.00	Possible	Serious	£50,000.00	Z	6	27/07/18	DBE	Paul Monaghan		
R2	•	Failure to obtain Network Rail consent for works	Project delay and possible increases in cost.	Unlikely	Major	£250,000.00	8	C – Uncomfortable	Early consultation with Network Rail Appointment of consultant team experienced in Network Rail technical requirements	£0.00	Unlikely	Serious	£250,000.00	N	4	27/07/18	DBE	Paul Monaghan		
R3	1) Service Delivery/ Performance	Failure to reinstate Overhead Line Equipment (if lowered) at the end of rail possessions, leading to delays to rail network and punitive costs from Network Rail	Project delay and significant	Unlikely	Extreme	£2,000,000.00	16	D – Very Uncomfortable	Design measures to implement works without the need to lower equipment. Temporary protection measures to be approved by Network Rail. Contractor likely to add a premium to tender to cover this as an insured risk	£0.00	Possible	Serious	£2,000,000.00	N	6	27/07/18	Contractor	External		
R4	2) Financial		Project delay and possible increases in cost.	Unlikely	Extreme	£2,000,000.00	16	D – Very Uncomfortable	To be made Contractor risk under contract. Risks limited by selection process for contractors experienced in rail work	£0.00	Possible	Serious	£2,000,000.00	N	6	27/07/18	Contractor	External		
R5	2) Financial	Unforeseen conditions during construction, potentially leading to increased rail possessions required to complete works (at approximately £30,000 per weekend possession)	Project delay and possible increases in cost.	Possible	Major	£100,000.00	12	C – Uncomfortable	Mitigated by scheduled inspections and invesigations in advance of construction	£0.00	Possible	Major	£40,000.00	N	12	27/07/18		Potentially shared unde the contract.		
R6			Project delay and possible increases in cost.	Unlikely	Serious	£100,000.00	4	B – Fairly Confident	Only relates to waterproofing works and removal of cobbles/setts to top of bridge. Most works are under cover at track level. Further investigations	£0.00	Unlikely	Minor	£50,000.00	N	2	27/07/18	DBE (potentially shared under the contract)			
R7	3) Reputation	Local public dissatisfaction at works and road closures	Reputation damage.	Unlikely	Serious	£10,000.00	4	B – Fairly Confident	Most of works at track level and limited effect at road level. Residual risks managed by adequate planning of traffic management during phased waterproofing works	£0.00	Possible	Serious	£10,000.00	N	6	27/07/18	DBE	Paul Monaghan		
R8		Limited contractors/competetion due to specialist nature of works	Quality of workmanship, delays to project and increases in cost.	Possible	Major	£100,000.00	12	C – Uncomfortable	Early consultation with market Simplification of design Balanced/shared risk profile in contracts	£0.00	Possible	Minor	£50,000.00	Ν	3	27/07/18	DBE	Paul Monaghan		
R9	2) Financial	Project/tender costs exceed	Increase in cost and delay in commencing to secure additional funds.	Possible	Major	£250,000.00	12	C – Uncomfortable	Early engagament with contractors/consultants to consider how the logistical challenges will affect costs. Risk allowance in project budget at early stage	£0.00	Unlikely	Major	£150,000.00	N	8	27/07/18	DBE	Paul Monaghan		
R10	3) Reputation	(and vice versa)	Project delay and reputational damage.	Possible	Major	£250,000.00	12	C – Uncomfortable	Mitigated by early and ongoing coordination	£0.00	Unlikely	Major	£20,000.00	Y	8	27/07/18	DBE	Paul Monaghan		CPR is likely to be consultant fees should protracted coordinations be required.
R11	1) Service Delivery/ Performance	other projects.	Increases in our suppliers' costs, e.g. consultants fees.	Possible	Serious	£50,000.00	6	B – Fairly Confident	Close scrutiny of all tasks provided by suppliers.	£0.00	Possible	Minor	£50,000.00	Y	3	15/07/19	DBE	Paul Monaghan		CRP is likely to be consultant fees resulting in design changes from coordination with MoL.
R12	1) Service Delivery/ Performance	Discovery of unknown apparatus, plant or hazardous material, e.g. asbestos in the highway or buried in the soffits which affect the construction works.	Project and increases to costs.	Likely	Serious	£250,000.00	8	B – Fairly Confident	Carry additional trial pits and surveys.	£80,000.00	Possible	Minor	£0.00	Y	3	07/01/21	DBE	Paul Monaghan		
R13 R14						0.03 00.03	+			£0.00 £0.00	1		00.0£ 00.0£							
R15						00.03 00.03	)			£0.00	)		£0.00 £0.00							
R17						£0.00	)			£0.00	)		£0.00							
R18 R19						00.0 <del>1</del>	)			£0.00 £0.00	)		00.0£							
R20 R21						00.0 <del>1</del> 00.0 <del>1</del>				0.00£ 0.00£	-		£0.00 £0.00							
R22 R23						00.03 00.03				£0.00 £0.00			£0.00 £0.00							
R24 R25						00.03 00.03	)			£0.00 00.0£	)		£0.00 00.0£							
R26 R27						00.03 00.03				0.00£	+		£0.00 £0.00							
R28 R29						00.03 00.03	)			£0.00 £0.00	)		£0.00 £0.00							
R30						0.00£	)			£0.00	)		£0.00							
R31 R32						00.03 00.03	)			0.00£	)		£0.00 £0.00							
R34						00.03 00.03				£0.00 £0.00	+		£0.00 £0.00							

R35	0.00£		£	£0.00	0.00			
R36	0.00£		£	£0.00	0.00			
R37	0.00£		£	£0.00	0.00			
R38	00.0£		£	£0.00	0.00			
R39	€0.00				0.00			
R40	0,00				0.00			
R41	\$0.00				0.00			
R42	£0.00			£0.00 £	0.00		+	
R43	00.03				0.00			
R44					<del></del>			
1 1	0.00			£0.00 £0.00	0.00			
R45	00.03			±0.00	0.00			
R46	0.00			£0.00	0.00			
R47	\$0.00				0.00			
R48	£0.00				0.00			
R49	0.00				0.00			
R50	0.00£				0.00			
R51	0.00£				0.00			
R52	0.00		£	£0.00	0.00			
R53	0.00		£	£0.00	0.00			
R54	0.00		£	£0.00	0.00			
R55	0.00£		£	£ 00.00£	0.00			
R56	00.0£				0.00			
R57	€0.00		£		0.00			
R58	£0.00				0.00			
R59	\$0.00				0.00		+	
RAO	£0.00	<del></del>			0.00	<del>-     -</del>	+	<del></del>
R61	\$0.00	<del>-  </del>			0.00	<del>                                      </del>	+	<del>-                                      </del>
PAO	£0.00				0.00			
D/2	00.03				0.00			
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K64	0.00±				0.00			
R65	±0.00		t		0.00			
R66	£0.00			£0.00	0.00			
R67	0.00			£0.00	0.00			
R68	0.00£				0.00			
R69	0.00£			£0.00	0.00			
R70	0.00£			£0.00	0.00			
R71	0.00£		£	£0.00	0.00			
R72	0.00		£	£0.00	0.00			
R73	£0.00		£	£0.00	0.00			
R74	0.00£		£	£0.00	0.00			
R75	0.00£		£	£0.00	0.00			
R76	0.00£		£	£0.00 £	0.00			
R77	00.0£		£	£0.00	0.00			
R78	0.00€			£0.00	0.00			
R79	£0.00			£0.00	0.00	1		
R80	\$0.00		t c	£0.00 £	0.00		+	
R81	£0.00	<del></del>		£0.00 £	0.00	<del></del>	+	<del></del>
R82	\$0.00 \$0,00	<del></del>			0.00	<del>-  </del>	+	<del></del>
P83	£0.00				0.00	<del>-     -</del>	+	<del>                                      </del>
PQ /	\$0.00 \$0.00			£0.00 £	0.00			
DQE	\$0.00 \$0.00	<del> </del>		£0.00 £	0.00	<del>                                      </del>	+	
NO3		<u> </u>				+	+	
R00	\$0.00				0.00		+	
K8/	0.00				0.00			
K88	\$0.00			£0.00	0.00			
K89	\$0.00			£0.00	0.00			
R90	0.00			£0.00	0.00			
R91	0.00			£0.00	0.00			
R92	0.00£			£ 0.00	0.00			
R93	00.03			£0.00	0.00			
R94	0.00		£	£0.00	0.00			
R95	0.00£		£		0.00			
R96	0.00£				0.00			
R97	00.03		£	£0.00	0.00		1	
R98	\$0.00		£	£0.00 £	0.00			
R99	0.00		£	£0.00	0.00			
R100	£0.00		t	£0.00 £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £	0.00		+	
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