

PROPOSED MAINTENANCE WORKS - JUBILEE BRIDGE. JOB NO 12543

BUDGET ESTIMATE OF CONSTRUCTION COSTS - Rev 0 DRAFT - 02.12.2022

SCHEDULE OF WORKS REFERENCE:- 12543-WMS-ZZ-ZZ-SH-B-10002-D2-P1

	Quantity	Unit	Rate	Budget £	Notes
Access & Security					
Hoarding	1	sum	£ 1,250.00	£ 1,250.00	
Fencing	1	sum	£ 1,000.00	£ 1,000.00	
Scaffold	1	sum	£ 75,000.00	£ 75,000.00	Fully encapsulated scaffold to allow for captive blast
Fall Arrest Netting	1	sum	£ -	£ -	Included above
Rope Access	1	sum	£ 5,000.00	£ 5,000.00	Extra Over cost for works to towers only
Pontoon	1	sum	£ 5,000.00	£ 5,000.00	To allow access to underside of bridge where necessary
Edge Protection	1	sum	£ -	£ -	Included above
Site clearance					
Site clearance	1	sum	£ 7,500.00	£ 7,500.00	
Clearance of rubbish & Debris	1	sum	£ 5,000.00	£ 5,000.00	as report
Clear vegetation from Bridge	1	sum	£ 6,000.00	£ 6,000.00	
Existing Lighting Removal					
To Pedestrian deck as (photos 01; 02 & 03)	1	sum	£ 1,000.00	£ 1,000.00	Stripping out works
To Hard surfacing over main bridge (as photo 04 & 05)	1	sum	£ -	£ -	included above
To Pedestrian deck balustrade (as photo 06 & 07)	1	sum	£ -	£ -	included above
To hard surfacing approach (photo 08 & 09)	1	sum	£ -	£ -	included above
Electrical Works					
Code 2 & 3 conditions	1	sum	£ 835.00	£ 835.00	As Viking Electrical Electrical Installation Condition Report J5134
Strip out	1	sum	£ 440.00	£ 440.00	
New Lighting	1	Nr	£ 7,970.00	£ 7,970.00	
Balustrade Panels					
Replace missing s/s fixings - East lower approach ramp	12	Nr	£ 50.00	£ 600.00	Supply & Install
Replace missing s/s fixings - East upper approach ramp	4	Nr	£ 50.00	£ 200.00	Supply & Install
Replace missing s/s fixings - Bridge mid span	6	Nr	£ 50.00	£ 300.00	Supply & Install
Replace missing s/s fixings - West approach ramp	19	Nr	£ 50.00	£ 950.00	Supply & Install
Provision of Spare components	20	Nr	£ 50.00	£ 1,000.00	Supply only
Handrail & Balustrade Rails					
Handrail supports (as photo 12)	2	Nr	£ 500.00	£ 1,000.00	Supply & Install
Balustrade obelisk lights (as photo 06 & 07)	6	Nr	£ 500.00	£ 3,000.00	Supply & Install
Straighten balustrade in-situ (as photo 13)	8	Nr	£ 1,250.00	£ 10,000.00	Supply & Install
Clean balustrades & remove graffiti	1	Sum	£ 2,500.00	£ 2,500.00	Jet wash and use graffiti removal products
Drainage					
Clean and replace aco drainage channels (as photo 15 & 16)	2	items	£ 2,500.00	£ 5,000.00	
Decoration					
Clean, prepare and reccorate steel bridge members & supports	1036	m ²	£ 40.00	£ 41,440.00	Full Type IV highway maintenance system
Paint Concrete walkways Eastern side (as photo 17)	114	m ²	£ 25.00	£ 2,850.00	Type II system
Paint Concrete walkways Western side (as photo 18)	178	m ²	£ 25.00	£ 4,450.00	Type II system
Approach Ramps Deck Replacement					
Take up existing boards & replace with oak boards	0	m ²	£ 80.00	£ -	Hardwood material priced, EKI Hardwood products available
Take up existing boards & replace with steel deck boards	480	m ²	£ 100.00	£ 48,000.00	Supply and install treated steel with anti slip coating
Take up existing boards & replace with steel trays with mastic asphalt infill	0	m ²	£ 120.00	£ -	Would require design solution due to weight of mastic asphalt, calculations would be required
				£ 237,285.00	
Main Contractors Overhead / Prelims @ 10%				£ 23,728.50	
Design contingency @ 5%				£ 11,864.25	
Canal & River Trust					
Application fee	1	sum	£ 380.00	£ 380.00	
Maximum allowance to C&RT	1	sum	£ 5,000.00	£ 5,000.00	As code of Practice 2022 (see section 11 for fees)
Environmental Agency					
Permit for temp scaffolding	1	sum	£ 446.00	£ 446.00	
Permit for floating structures (rafts & Pontoons)	1	sum	£ 111.50	£ 111.50	Exemption of Permit under FRA28 may be unlikely due to pontoons & scaffolding requirements
Professional Fees @ 10%				£ 27,287.78	
Site Investigation & Surveys @ 1%				£ 2,372.85	
Subtotal				£ 308,475.88	
General Project Contingency (5%)				£ 15,423.79	
Total				£ 323,899.67	
Approach Ramps Deck Replacement - alternatives					
Take up existing boards & replace with oak boards	480	m ²	£ 80.00	£ 38,400.00	Hardwood material priced, EKI Hardwood products available
Take up existing boards & replace with steel trays with mastic asphalt infill	480	m ²	£ 120.00	£ 57,600.00	Would require design solution due to weight of mastic asphalt, calculations would be required
Assumptions & Exclusions					
6 months Project duration					
No Stoppages in river					
Exclusions					
VAT					
NSDC internal costs					
Financing costs					