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gladeassociates

Draft Bill of Quantities

Steel Frame

September 2015

<p>FRAME</p> <p>INFORMATION</p> <p><u>Measurement notes</u></p> <p>Drawings used: ARUP S-3100 T3, 3101 T3, 3102 T3, 3110 T3 and 3111 T3</p> <p>F31: PRECAST CONCRETE SILLS/LINTELS/COPINGS/FEATURES</p> <p><u>Precast concrete</u></p> <p>Padstones; bedded in cement mortar / slate; built into new masonry as work proceeds</p>					
A	P1; 140 x 440 x 215; fair faced both sides	18 nr	UNP		
B	P2; 140 x 880 x 215; fair faced both sides	1 nr	UNP		
<p>G10: STRUCTURAL STEEL FRAMING</p> <p><u>Framing fabrication; including shop and site black bolts nuts and washers for structural framing to structural framing connections; erection on site; primed at works; allow for site touching up</u></p> <p>Structural steel frame; ARUP tender drawing generally and specification reference STR SPEC005 Issue 01 dated 16 October 2014; allow all associated work (Note: to include all structural steel - no 'loose' steel beams are measured - all members are assumed to be part of the 'Frame')</p>					
C	frame supporting PCC slabs at first floor and roof level and various lightweight and green roofs	1 Item	UNP		
<p>Check that suppliers / subcontractors have allowed for the following</p>					
D	secondary steel generally; currently undefined	1 Item	UNP		
E	upper floor and roof construction	1 Item	UNP		
F	flat and other bracings	1 Item	UNP		
G	support steelwork to staircases	1 Item	UNP		
				0	00

<p>G10: STRUCTURAL STEEL FRAMING</p> <p><u>Framing fabrication; including shop and site black bolts nuts and washers for structural framing to structural framing connections; erection on site; primed at works; allow for site touching up</u></p> <p>Check that suppliers / subcontractors have allowed for the following</p>					
A	windposts	1 Item	UNP		
B	steelwork to door and window openings	1 Item	UNP		
C	sheeting rails to cladding areas	1 Item	UNP		
D	purlins to roof areas (if applicable)	1 Item	UNP		
E	pre-finishing exposed steelwork where necessary	1 Item	UNP		
F	additional treatments / primers and like to areas as defined by the ARUP specification	1 Item	UNP		
G	trimming steelwork where necessary to openings lift shafts, risers, rooflights and the like	1 Item	UNP		
H	additional steelwork for external wall signage	1 Item	UNP		
J	additional steelwork for curtain walling	1 Item	UNP		
K	all works identified / implied by the ARUP and Architects drawings generally	1 Item	UNP		
<p>M61: INTUMESCENT COATINGS FOR FIRE PROTECTION OF STEELWORK</p> <p><u>Proprietary fire protection system; (contractors choice) intumescent paint comprising basecoat and finish coat; 60 minute fire protection; standard finish; applied in accordance with manufacturers recommendations ASSUMED SPECIFICATION</u></p>					
				0	00

M61: INTUMESCENT COATINGS FOR FIRE PROTECTION OF STEELWORK					
<u>Proprietary fire protection system: (contractors choice) intumescent paint comprising basecoat and finish coat: 60 minute fire protection: standard finish: applied in accordance with manufacturers recommendations ASSUMED SPECIFICATION</u>					
Structural steel beams and associated fittings, bolts, sundry members and the like; supporting first floor					
A	B1; 127 x 76 x 13kg/m UB	35 m	UNP		
B	B2; 203 x 133 x 25kg/m UB	8 m	UNP		
C	B3; 203 x 133 x 30kg/m UB	10 m	UNP		
D	B4; 254 x 146 x 31kg/m UB	43 m	UNP		
E	B6; 305 x 165 x 54kg/m UB	11 m	UNP		
F	B7; 356 x 171 x 45 kg/m UB	11 m	UNP		
G	B9; 356 x 171 x 67 kg/m UB	10 m	UNP		
H	B10; 254 x 254 x 89kg/m UC	6 m	UNP		
J	B11; 254 x 254 x 132kg/m UC	18 m	UNP		
Structural steel beams and associated fittings, bolts, sundry members and the like; supporting second floor / roof					
K	B1; 127 x 76 x 13 kg/m UB	2 m	UNP		
L	B2; 203 x 133 x 25kg/m UB	91 m	UNP		
M	B4; 254 x 146 x 3 kg/m UB	16 m	UNP		
				0	00

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Structural steel beams and associated fittings, bolts, sundry members and the like; supporting second floor / roof					
A	B5; 305 X 127 X 37kg/m UB	55 m	UNP		
B	B7; 356 x 171 x 45kg/m UB	24 m	UNP		
C	B8; 356 x 171 x 51kg/m UB	12 m	UNP		
D	B9; 356 x 171 x 67kg/m UB	12 m	UNP		
E	B12; 100 x 100 x 5.0 SHS	8 m	UNP		
F	vertical bracing; 100 x 10 flat section APPROXIMATE / ASSUMED QUANTITY	50 m	UNP		
Structural steel columns and associated fittings, bolts, sundry members and the like; supporting first floor / second floor / roof					
G	C1; 152 x 152 x 37kg/m UC	122 m	UNP		
H	C2; 120 x 80 x 10.0 RHS	6 m	UNP		
J	C3; 120 x 80 x 5.0 RHS	65 m	UNP		
K	C4; 203 x 203 x 52kg/m UC	13 m	UNP		
L	C5; 152 x 152 x 25kg/m UC	3 m	UNP		
M	C6; 100 x 100 x 5.0 SHS	40 m	UNP		
				0	00

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Steel Frame carried to Summary			0	00	

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Superstructure carried to Summary

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Final Summary

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