

		Qty	Unit	Rate	£p
	EXTERNAL ENVELOPE REPAIRS ETC Repairs, Restoration & Conservation works as detailed on Architects Drawing Nrs 401, 402, 403 & 404 with St Mary's Church, Aberafon, Port Talbot - External Repairs, 18 - 1001 Specification, 4th May 2018 General works (to all areas) Provide suitable and approved ground protection to the access routes and all work/materials storage areas is to be deployed to prevent any possible disturbance to the church and grassed areas, through the use of plant and all forms of vehicular/pedestrian traffic				
a	to the St Mary's Church works		Item	500.00	500.00
To Summary £					500.00

		Qty	Unit	Rate	£ p
RAINWATER GOODS					
	Demolition, repair and alterations				
	Carefully remove & dispose of existing rainwater gutters, downpipes & associated fixings. Following the removal of the rainwater goods, allow for repair to holes in stonework where brackets have been fixed direct;y to the face.				
	all rainwater goods fixed into position on the west elevation (RWG01 as Drawings 401-photo image 401-03) & 404) where rainwater discharges from the nave & north aisle roof, rainwater pipes approximately 9 metres		Item	150.00	150.00
a	all rainwater goods fixed into position to the north elevation of the north aisle (RWG02 & RWG03 as Drawings 402 - photo image 402-03) & 404); rainwater pipes approximately 12 metres & gutters 25 metres		Item	200.00	200.00
b	all rainwater goods fixed into position on the north elevation of the north aisle (RWG04 as Drawings 403-photo image 403-02) & 404; rainwater pipes approximately 5 metres & gutters 7 meters		Item	120.00	120.00
c	all rainwater goods fixed into position to the chancel south elevation (RWG05 as Drawings 403 - photo image 403-04) & 404; rainwater pipes approximately 7 metres & gutters 9 metres		Item	220.00	220.00
d	Extra over for removal & disposal of the rainwater goods as it appears to be metals that contain ACM's. These are to be disposed of in an orderly fashion and as per the Health & Safety legislation requirements		Item	240.00	240.00
e	Carefully remove and dispose of existing surface water gulley grid. Clear out surface water gulley, removing all debris. Supply and install as manufactured by J & JW Longbottom Ltd a new straight bar cast iron grid 8" x 8" (Ref 989)				
f	RWG01	1	Nr	1650.00	1,650.00
g	RWG02 & RWG03	4	Nr		0.00
h	RWG04	2	Nr		0.00
i	RWG05	2	Nr		0.00
To Collection £					2,580.00

		Qty	Unit	Rate	£ p
	RAINWATER GOODS continued ...				
	New work				
	Requirements of rainwater pipes are to be confirmed on site once access is provided				
	New cast iron rainwater goods & fittings to be obtained from J & JW Longbottom Ltd. Tel: 01484 682141. Website: www.longbottomfoundary.co.UK.				
	Supply and fit new cast iron rainwater goods primed & decorated all round prior to fixing, all to be fixed with connections between pipes lengths with standard ears fixings and fittings as recommended by the manufacturer. All fixings to be made within mortar joints.				
	Rainwater goods to west elevation, RWG01 as Drawings 401 (Photo image 401 - 03) & 404				
a	100 x 150 (6" x 4") rectangular rainwater pipe (A.601)	9	m		0.00
b	rectangular 18" hopper head (No.59)	1	Nr		28,700.00
c	side bends (A.608,7,9)	2	Nr		0.00
d	shoe (A.603)	1	Nr		0.00
	Rainwater goods to North Aisle, RWG02 & RWG03 as Drawings 402 (Photo image 402-03) & 404				
e	150 diameter gutter with stop ends	25	m		0.00
f	100 x 100 (4" x 4") square rainwater pipe (A.601)	12	m		0.00
g	regular 18" hopper head (No.59)	2	Nr		0.00
h	side bends (A.608,7, 9)	2	Nr		0.00
i	shoe (A.603)	2	Nr		0.00
j	offset bends	4	Nr		0.00
k	outlets	2	Nr		0.00
	Rainwater goods to Vestry north elevation, RWG04 as Drawings 403 (photo image 403-02) & 404				
l	150 diameter gutter with stop ends	7	m		0.00
m	100 x 100 (4" x 4") square rainwater pipe (A.601)	5	m		0.00
n	rectangular 18" hopper head (No.59)	1	Nr		0.00
o	shoe (A.603)	1	Nr		0.00
p	offset bends	2	Nr		0.00
q	outlets	1	Nr		0.00
	Rainwater goods to the Chancel south elevation, RWG05 as Drawings 403 (photo image 403-04) & 404				
r	150 diameter gutter with stop ends	9	m		0.00
s	100 x 150 (4" x 6") rectangular rainwater pipe (A.601)	7	m		0.00
To Collection £					28,700.00

		Qty	Unit	Rate	£ p
	RAINWATER GOODS continued ...				
	New work continued ...				
	Rainwater goods to the Chancel south elevation, RWG05 as Drawings 403 (photo image continued ...				
a	regular 18" hopper head (No.59)	1	Nr		inc on page 3
b	shoe (A.603)	1	Nr		0.00
	Exterior paint to rainwater goods; all as Architects Specification Clause M60/100-305				
	Cast iron gutters & fittings, primer coat: 2 Nr, finishing coat: 1 Nr				
c	150 - 300 girth	41	m		0.00
	Cast iron downpipes & fittings, primer coat: 2 Nr, finishing coat: 1 Nr				
d	over 300 girth	15	m2		0.00
To Collection £					0.00

		Qty	Unit	Rate	£p
	Collection				
	Total from Page 2			£	2,580.00
	Total from Page 3			£	28,700.00
	Total from Page 4			£	0.00
				To Summary £	31,280.00

		Qty	Unit	Rate	£ p
	REPAIR TO STONE WALLS				
	Repointing to coursed sandstone masonry walls and buttresses				
	Preparation works and the removal of existing cementations mortar is to be carried out as Clause C41/340. All new mortar to pointing works applied as Clause C40/345 & Mortar as Clause C41/215				
a	west elevation of the Nave, includes the two buttresses located either side of the Nave, as Drawing 401, Image 401-02	50	m2	70.00	3,500.00
b	allow for the removal of woody vegetation to the buttresses located between the Nave & the North Aisle		Item		240.00
c	east elevations of the Chancel & Vestry, includes the two buttresses located either side of the Chancel as Drawing Nr 403, Image 403-01	20	m2	70.00	1,400.00
d	east elevation of the Chancel & Vestry includes the buttress that is located to the east of the wall as Drawing Nr 403, Image 403-04	16	m2	70.00	1,120.00
e	east elevation of the Chancel & Vestry includes the two buttresses located either side of the Chancel as Drawing Nr 403, Image 403-04	5	m2	150.00	750.00
f	4 number buttresses on the north elevation, complete removal of existing mortar from joints, as Drawing Nr 402, Image 402-04	50	m2	70.00	3,500.00
g	allow for the localised removal of stones to each buttress to allow for removal of woody vegetation as Clause C41/130. All stones to be re-bedded in existing locations in lime mortar and fully repointed.	20	m2	70.00	1,400.00
	Repointing to ashlar stonework in lime mortar				
	Preparation works and the removal of existing cementitious mortar is to be carried out as Clause C41/340. All new mortar to pointing works applied as Clause C41/345 & mortar as Clause C41/210. Ashlar stone includes all coping stones, rose window, pointed arched windows & string course.				
h	west elevation of the North Aisle Drawing Nr 402, Image 402-01		Item	12200.00	12,200.00
	Preparation works and the removal of existing cementitious mortar is to be carried out as Clause C41/340. All new mortar to pointing works applied as Clause C41/345 & mortar as Clause C41/210, to window tracery, door surrounds & eaves string course, 100 percent repointing to the joints in lime mortar.				
i	north elevation of North Aisle, Drawing Nr 402-02		Item	3550.00	3,550.00
				To Collection £	27,660.00

		Qty	Unit	Rate	£p
a	REPAIR TO STONE WALLS continued ... Carefully clean down existing stained stonework area of stonework walls due to defective guttering. Localised cleaning of stonework, removal of existing cementations mortar as Clause C41/340 as Clause C41/210. All new mortar to pointing works applied as Clause C41/345 & mortar as Clause C41/210. clean down stonework as Drawing nr 402, Image 402-03		Item	460.00	460.00
To Collection £					460.00

	Collection	Qty	Unit	Rate	£ p
	Total from Page 6			£	27,660.00
	Total from Page 7			£	460.00
To Summary £					28,120.00

		Qty	Unit	Rate	£ p
	ROOF WORKS Roof coverings, slates, all as detailed and described on Drawing Nr 404, together with the Architectural Specification Spot item Requirements, slate roof repairs In isolated locations to the entire roof replace loose and broken slates (approx 80 no). Re-slate with slates to match eisting and assume new slates are 600 x 360mm natural Welsh blue/grey colour. Remove slates as per specification clause H62/200 and dispose of all debris. New slates are to be installed as per specificaiton clause H62/205.				
a	replacing isolated roof slates generally	80	Nr		1,450.00
To Summary £					1,450.00

		Qty	Unit	Rate	£ p
	LEAD SHEET COVERINGS/FLASHINGS Lead work, all as detailed and described on Drawing Nr 404, together with the Architectural Specificaiton Spot item requirements, lead repairs Lead (General), All lead to be installed to LSA recommendations, with all lead to be treated in patination oil as per specification clause H71/460. supply and install new code 5 lead step flashing behind the east gable of the north aisle as per specification clause H71/205. Allow for redressing lead outlet to the east end. As Drawing 404 to valley end abutment, allow for renewal of lead cover flashings and bossed leadwork as per specification clause H71/215. Carryout localised repointing works to adjacent stonework as per specification clause C40/210. New bossed and moulded lead outlet at this location. As Drawing 404 Tower roof box gutter: strip out the existing felt gutter lining, and defective gutter substrate, and remove all debris from site. Following the removal of all defective materials, prepare surfaces for new works by clearing all traces of dust and substrate remnants, Gutter to be upgraded with the introduction of new steps to improve rainwater discharging to the roof outlet(s) and forming of new code 7 lead gutter as per specification clause H71/200. Allow for forming outlet locations in two locations and discharging into existing rainwater hopper heads. To the perimeter of the newly formed gutter, allow for installing a new code 5 lead cover flashing to the full extent of the gutter, to both sides as per specification clause H71/215. as Drawing Nr 404, tower roof box gutter				
a			Item	3380.00	3,380.00
b			Item	2100.00	2,100.00
c			Item	13750.00	13,750.00
To Summary £					19,230.00

		Qty	Unit	Rate	£ p
	COPINGS Repairing/renovating/conserving masonry Raked Coping Stones, as Drawing 401-01 & 404. Where indicated with dashed red line, allow for removal of existing perished coping stones, releasing the stones is to be undertaken as per the requirements noted in clause C41/191, taking care not to disturb adjacent sound masonry. Following the preparatory work, install new raked coping stones as per clause C41/195 approximate size 500 x 75. New apex stone decorated with stone cross on a bed of lime mortar as per clause C41/210. Ensure that all new stone is securely installed, making reference to clause C41/204				
a	image 401-01, west elevation of the Nave Repointing all coping stones, as Drawings 401-01 & 404. Allow for all areas of new and existing raked coping stone on the west face of the Nave gable to be repointed in lime mortar as per clause as per clause C41/210. Ensure that all existing friable mortar is removed and existing joints fully prepared as per clause C41/340.		Item	6480.00	6,480.00
b	west face of the Nave gable Repointing all coping stones, as Drawing 403-03 & 404. Allow for all areas of existing raked coping stone on the east face of the Nave gable to be repointed in lime mortar as per clause C41/210. Ensure that all existing friable mortar ifor removed and existing joints fully prepared as per clause C41/340		Item	1520.00	1,520.00
c	east face of the Nave gable Supply and fix new stone cross as per clause C41/195 to the apex of the north aisle west gable, ensuring that the new cross is well connected to the existing base stone. Provision should be made for any minor modifications to be made for the base of the apex.		Item	1520.00	1,520.00
d	north aisle west gable Supply and fix new stone cross as per clause C41/195 to the apex of the north return to the vestry, Drawings 403-02 & 404 ensuring that the new cross is well connected to the existing base stone. Provision should be made for any minor modifications to be made to the base of the apex		Item	2500.00	2,500.00
e	north return to the vestry		Item	2500.00	2,500.00
To Summary £					14,520.00

		Qty	Unit	Rate	£ p
	WINDOW WORKS				
	Repair, renovating/conserving				
	Spot item requirements				
a	carefully remove and cart away 3 nr window guards to the lower section of the North Aisle windows as Drawing 403, Image 402-02. Make allowances for making good areas of stonework following the removal, ensuring that any holes are filled with mortar.		Item	560.00	560.00
	West Nave Window, as Drawing 401, Image 401-02. Allow for carrying out specialist repairs to the west window of the Nave, as follows:				
b	carefully remove the metal mesh from the window prior to the works commencing		Item	300.00	300.00
c	in 15 nr locations, allow for ashlar tracery stone to be secured in position as per clause C41/206, using resin as Clause C41/207.		Item	1500.00	1,500.00
d	allow for all joints between the tracery stones to be completely prepared for repointing in lime mortar as per clause C41/210. Area includes all tracery stones, hoodmould, jamb stones, cill and connecting string course running the length of the west Nave wall.		Item	1200.00	1,200.00
	East Chancel Windows, as Drawing 403, Image 403-03. Allow for carrying out specialist repairs to the east window of the Nave as follows:				
e	carefully remove the metal mesh from the window prior to the works commencing		Item	300.00	300.00
f	in 20 nr locations, allow for ashlar tracery stone to be secured in position as per clause C41/206, using resin as Clause C41/207. Provisions for localised removal of tracery sections is to be allowed for within the costings.		Item	2000.00	2,000.00
g	allow for all joints between the tracery stones to be completely prepared for repointing in lime mortar as per clause C41/210. Area includes all tracery stones, hoodmould, jamb stones, cill and connecting string course running the length of the East Chancel Wall.		Item	1200.00	1,200.00
To Summary £					7,060.00

		Qty	Unit	Rate	£ p
	DOOR WORKS				
	Repairs, renovating/conserving				
	Spot item requirements				
	West door as Drawing 401, Image 401-04				
a	carefully remove existing pair of doors from frames, set aside in secure storage for re-fixing		Item	150.00	150.00
b	provide and fix to door opening a temporary secure enclosure		Item	150.00	150.00
c	carefully remove wrought iron strap work and hinges		Item	60.00	60.00
d	repairs to strapwork to be taken for repairs to a sepcialist workshop		Item	120.00	120.00
e	repairs to be carried out to 4 nr sections of strapwork, ensuring that all surface rust has been removed and fractured sections welded to a satisfactory working order		Item	350.00	350.00
f	on completion of repair work to stonework, re-fix to existing doors, take doors from storage & re-hang doors in existing frames		Item	950.00	950.00
g	carefully remove temporary secure enclosure used to secure door opening & cart away		Item	inc in abv	
	Exterior paint to external timber doors, frames and strapwork & associated ironmongery; all as Architects Specification Clause M60/100-305				
	Wrought iron strapwork to be prepared for, primer coat: 2 Nr; finshing coat; 1 Nr as M60/200				
h	150-300 girth		Item	75.00	75.00
	Timber doors & frames to be prepared for, primer coat: 2 Nr finshing coat: 2 Nr, as M60/205.				
i	150 - 300 girth	6	m		650.00
j	over 300 girth	9	m2		inc in abv
To Summary £					2,505.00

St Mary's Church - Bill Nr 3 - EXTERNAL ENVELOPE REPAIRS ETC

		Qty	Unit	Rate	£ p
	Summary				
	EXTERNAL ENVELOPE REPAIRS ETC Page 1			£	500.00
	RAINWATER GOODS Page 5			£	31,280.00
	REPAIR TO STONE WALLS Page 8			£	28,120.00
	ROOF WORKS Page 9			£	1,450.00
	LEAD SHEET COVERINGS/FLASHINGS Page 10			£	19,230.00
	COPINGS Page 11			£	14,520.00
	WINDOW WORKS Page 12			£	7,060.00
	DOOR WORKS Page 13			£	2,505.00
Total for Bill £					104,665.00