

3	SCHEDULE OF REPAIR - THE EAST GABLES AT THE CHURCH OF THE SACRED HEART						
ITEM REF	LOCATION REPAIR ITEM	REPAIRS WORKS	UNIT	QUANTITY	UNIT COST £	ITEM COST £	SECTION TOTAL £
3.1	SCAFFOLDING & ACCESS						
3.1.1	Scaffolding	Provide all the necessary support, scaffold, access towers, protection etc. to allow the work to be executed safely and to give full weather protection to the subject structure for the duration of the works.	ITEM				
A		The height of the apex of the west gable wall of the nave has been measured as 18.7m.					
B		Access scaffolding to the east gable of the chancel, including work stages to full height; returning along north and south elevations; all elevations built over existing structures					
C		Access scaffolding to the east gable of the nave; all elevations built over existing structures					
3.1.2	Reassessment						
		Allow the Surveyor to review the condition of the stonework once access is provided. The Surveyor to confirm the works to be carried out.	ITEM				
		Scaffolding & access	Section Total				
3.2	Structural support & shoring						
3.2.1		Allow for the provision of structural support to the structure and the shoring of walls and the ground as necessary to enable the works scheduled below to be implemented without causing structural failure, ground movement and/or associated problems.	ITEM				
		Structural support & shoring	Section Total				

Scaffolding & preparation work

ITEM REF	LOCATION REPAIR ITEM	REPAIRS WORKS	UNIT	QUANTITY	UNIT COST £	ITEM COST £	SECTION TOTAL £
3.3	SAMPLES						
3.3.1	General						
	A	Allow for providing samples of all materials, methods and workmanship to be incorporated into the works to be provided for approval by the Surveyor prior to commencement of the relevant works and the use of the materials.	ITEM				
3.3.2	Mortar						
	A	Provide 6 x mortar sample 'biscuits' for suggested recipes for repointing.	No.	6			
	B	Repoint using specified mortar mixes selected areas on the building identified by the Surveyor [0.5 linear m].	No.	6			
3.3.3	Sheltercoat						
	A	Apply 2 x applications of sheltercoat mixes to areas of selected stone approx. 500 mm x 500 mm.	No.	4			
3.3.4	Lime putty slurry coat						
	A	Apply 3 x coats of lime slurry [to specified recipes] to areas of ragstone on the building selected by the Surveyor [allow for 500 mm x 500 mm].	No.	2			
		Samples	Section Total				
3.4	TRIALS						
3.4.1	General	All items of work will be subject to the satisfactory completion of trial areas, allow for the operatives that will carry out the work to implement the trials. Allow for small areas [max. 200 mm x 200 mm] to be worked on areas of the building selected by the Surveyor with the Surveyor in attendance for each trial.	N/A	N/A		N/A	
3.4.2	Removal of cement pointing	Removal of cement pointing [gross area 200 mm x 200 mm].	No.	2			
3.4.3	"De-frassing" of ragstone	De-frassing of ragstone to allow the careful removal of loose and friable material.	No.	4			
3.4.4	Re-facing/mortar repairs to the ragstone	Prepare and build-up mortar repairs to selected areas of ragstone [allow for 2 x stones/trial each stone approx. 200 mm x 150 mm].	No.	6			
3.4.5	Cleaning of stonework - removal of biological growth	Carefully removing biological growth [plant, algal and lichen] using hand measures and the application of a biocide.	No.	2			
3.4.6	Cleaning of stonework - removal of pollution/sulphation crusts	Carefully removing of pollution/sulphation crusts using poultices.	No.	2			
		Trials	Section Total				

ITEM REF	LOCATION REPAIR ITEM	REPAIRS WORKS	UNIT	QUANTITY	UNIT COST £	ITEM COST £	SECTION TOTAL £
3.5	NAVE EAST GABLE	Refer to Photo Sheet No. 02					
3.5.1	General preparation						
3.5.1.1		Record coursing and pattern of stonework and mortar joints to allow rebuilding to match existing.	ITEM				
3.5.2	Removal of roof coverings						
3.5.2.1		Strip back 1.5m the roof coverings to the eastern end of the north and south slopes. Allow for 10.0m run for each slope.	m2	30.0			
3.5.3	Timber repairs						
3.5.3.1		Allow the Surveyor to inspect the roof timbers.	N/A	N/A	N/A	N/A	
3.5.3.2		Allow the following number of Provisional Hours for a suitably skilled and experienced carpenter to carry out repairs to remedy decay to timbers exposed by the removal of the roof coverings.	hrs	16			
3.5.3.3		Allow the following Provisional Sum for materials supplied in connection with the repairs found necessary; including overheads and profit.	PS			150.00	
3.5.4	Improved structural restraint						
3.5.4.1		Secure with s/s screws and washers stainless steel woven wire mesh [allow for 4mm Aperture - 1mm Wire Diameter - SS304 Grade] to cover a minimum of half the wall head [allow 200mm] and down the inner face of the gable [allow 200mm] and across the exposed roof [1.5m] and secured into the roof with the fixings for the s/s restraint straps [item below]. Refer to Dwg No. 01 and Photo Sheet No. 03. Allow for 20.0m2 for each slope.	m2	40.0			
3.5.4.2		Secure heavy duty stainless steel restraint straps [2.0m x 30mm x 5mm] cranked/shaped to run over the top of the gable wall head, down the inner face of the gable wall and across the tops of a min. of 3No. rafters that have been fitted with softwood noggins [allow 150mm x 50mm] between the rafters. Refer to Dwg No. 01.	No.	12			
3.5.5	Metal tie bar						
3.5.5.1		Carefully remove existing metal restraining/tie bar to the south lower kneeler. Allow for replacing with a secured fully primed and decorated mild steel bar 1.0m x 50mm x 6mm.	ITEM				

ITEM REF	LOCATION REPAIR ITEM	REPAIRS WORKS	UNIT	QUANTITY	UNIT COST £	ITEM COST £	SECTION TOTAL £
3.5.6	Recovering						
3.5.6.1		Replace or cover the lifted felt with new vapour permeable roofing felt. Allow for 15.0m2 for each slope.	m2	30.0			
3.5.6.2		Replace removed roofing battens with new pre-treated softwood roofing battens. Allow for battens to recover 15.0m2 of each slope.	m2	30.0			
3.5.6.3		Reinstate the roof coverings upon completion of the repairs [itemised below] to the gable wall and copings.	m2	30.0			
3.5.6.4		PROVISIONAL ITEM: Allow for the replacement of damaged tiles with new tiles to match. Allow for 50% new tiles.	m2	15.0			
3.5.6.5		Allow for the provision of new Code 4 lead soakers and new tile fillets bedded on hydraulic lime mortar to the internal face/abutments with the gable to the north and south slopes. Allow for 10.0m run for each slope.	linear m	20.0			
3.5.6.6		Allow for Code 5 stepped lead cover flashing with Code 4 soakers at the chancel roof abutment with the west gable of the nave. The flashing to be pointed in using the same mortar mix used to repoint the remainder of the nave gable.	linear m	16.0			
3.5.6.7		PROVISIONAL ITEM: Allow for an overhaul of the chancel roof adjacent with the nave gable; with the replacement of damaged tiles with new tiles to match Allow for 50% new tiles.	m2	16.0			
		Roof coverings	Section Total				

ITEM REF	LOCATION REPAIR ITEM	REPAIRS WORKS	UNIT	QUANTITY	UNIT COST £	ITEM COST £	SECTION TOTAL £
3.5.7	Copings & apex stone						
3.5.7.1		Carefully remove and dispose of the apex stone.	No.	1			
3.5.7.2		Supply, carve & transport to site new carved apex stone [Syreford] to match the original with additional fixing rebate.	No.	1			
3.5.7.3		Fix new apex stone bedded on 3.5 NHL mortar.	No.	1			
3.5.7.4		Carefully remove and dispose of all [100%] of the copings.	linear m	20.0			
3.5.7.5		PROVISIONAL ITEM: Carefully remove and dispose of the intermediate kneelers.	No.	4			
3.5.7.6		PROVISIONAL ITEM: Supply, carve & transport to site new carved stone [Syreford] intermediate kneelers to match the original profile/detail with additional fixing rebate bedded on 3.5 NHL mortar.	No.	4			
3.5.7.7		PROVISIONAL ITEM: Fix new kneelers to north & south slopes bedded in 3.5 NHL mortar.	No.	4			
3.5.7.8		Apply shelter coat to the new kneelers.	No.	4			
3.5.7.9		Supply, carve & transport to site new copings [allow 450 mm wide x 100 mm thick] in Syreford stone with drip throating, lapped joint with additional fixing rebate etc .Refer to Dwg No. 01 and Photo Sheet No. 03.	linear m	20.0			
3.5.7.10		Fix new copings tied into s/s mesh & bedded on 3.5 NHL mortar.	linear m	20.0			
3.5.7.11		PROVISIONAL ITEM: For pinning 2 x intermediate kneelers with 2 x resin grouted s/s threaded bars [12mm x 300mm long].	No.	2			
3.5.7.12		Carefully remove sulphate skins and deposits using polices to the lower kneelers.	No.	2			
3.5.7.13		Allow the following number of Provisional Hours for a suitably skilled and experienced stone mason/conservator to carry out repair and consolidation of the lower kneelers.	hrs	8			
3.5.7.14		Allow the following Provisional Sum for materials supplied in connection with the repairs found necessary; including overheads and profit.	PS			25.00	
3.5.7.15		Apply shelter coat to the retained lower kneelers.	No.	2.0			
		Copings	Section Total				

ITEM REF	LOCATION REPAIR ITEM	REPAIRS WORKS	UNIT	QUANTITY	UNIT COST £	ITEM COST £	SECTION TOTAL £
3.5.8	Wall repairs						
3.5.8.1	Dismantle & rebuild of apex	Carefully dismantle the apex of the gable. Allow for 5.0m2 of walling with a max. thickness of 300 mm.	m2	5.0			
A		Rebuild the dismantled section to match recorded coursing.	m2	5.0			
B		PROVISIONAL ITEM: Allow for replacing 25% of ragstone with new stonework dressed to match existing coursing/sizes etc.	ITEM				
3.5.8.2	Grouting of apex	Upon completion of pointing to the outer [east] and internal [west] faces of the gable grout the coursed rubble ragstone using a diluted [to suit conditions and to achieve suitable flow] grout of moderately hydraulic lime [NHL 3.5] and silver sand [approx. 1 : 2]. Allow for Provisional Area .	m3	3.5			
A		PROVISIONAL ITEM: Allow for dismantling loose and damaged masonry immediately below the copings. Allow for a total of 5.0m2 of walling with a max. thickness of 300 mm.	m2	5.0			
B		PROVISIONAL ITEM: Rebuild the dismantled masonry immediately below the copings to match existing.	m2	5.0			
C		PROVISIONAL ITEM: Allow for replacing 25% of ragstone with new stonework dressed to match existing coursing/sizes etc.	ITEM				
D		Allow the following number of Provisional Hours for a suitably skilled and experienced stone mason/conservator to carry out repair of the wall.	hrs	40			
E		Allow the following Provisional Sum for materials supplied in connection with the repairs found necessary; including overheads and profit.	PS			250.00	
		Wall repairs	Section Total				

ITEM REF	LOCATION REPAIR ITEM	REPAIRS WORKS	UNIT	QUANTITY	UNIT COST £	ITEM COST £	SECTION TOTAL £
3.5.9	Ragstone						
3.5.9.1		Carefully rake out weathered and cement pointing to the east face of the nave gable.	m2	45.0			
3.5.9.2		Defrass the ragstone.	m2	45.0			
3.5.9.3		PROVISIONAL ITEM: Allow for replacing ragstone where > than 50 mm lost from the face with new stonework dressed to match existing coursing/sizes etc.	m2	4.5			
3.5.9.4		Repoint elevations using lime putty mortar. Allow for mortar to match previous phases of work in appearance and texture.	m2	45.0			
3.5.9.5		Allow the following number of Provisional Hours for a suitably skilled and experienced stone mason/conservator to carry out repairs to the wall.	hrs	40			
3.5.9.6		Allow the following Provisional Sum for materials supplied in connection with the repairs found necessary; including overheads and profit.	PS			250.00	
		Ragstone	Section Total				

ITEM REF	LOCATION REPAIR ITEM	REPAIRS WORKS	UNIT	QUANTITY	UNIT COST £	ITEM COST £	SECTION TOTAL £
3.5.10	Rainwater goods						
3.5.10.1	Removal	Carefully remove and dispose of the existing rainwater goods [gutters, downpipes, fittings and fixings]. Allow for:					
	South eaves						
A		Guttering: the eastern section of gutter accessible from the scaffold. Allow for 2.0m section.	linear m	2.0			
B		Downpipe [total]	linear m	10.0			
	East eaves north transept	Gutter	linear m	6.0			
	North eaves						
C		Guttering: Allow for 2.0m section to match existing; allow for 4 inch.	linear m	2.0			
		Downpipe					
D		vertical section	linear m	2.0			
E		plastic section above roof slope [estimated length]	linear m	6.0			
3.5.10.2	Replacement	Secure replacement rainwater goods in position, ensuring that the gutters have a steady fall to the outlets.					
	South eaves						
A		Guttering: Allow for 2.0m section to match existing; allow for 4 inch.	linear m	2.0			
B		Downpipe	linear m	10.0			
C		Hopperhead: supply and fit a new hopperhead [allow for 300mm x 250mm x 200mm] to serve the downpipe from the south slope of the nave and the gutter to the east eaves of the north transept.	ITEM				
D		All associated fittings and fixings, including; stops, sockets and ears.	ITEM				
	North eaves						
E		Guttering: the eastern section of gutter accessible from the scaffold. Allow for 2.0m section.	linear m	2.0			
		Downpipe					
F		vertical section	linear m	2.0			
G		replace section above roof slope [estimated length] with cast-iron section	linear m	6.0			
H		All associated fittings and fixings, including; stops, sockets and ears.					
I		PROVISIONAL ITEM: Cutting and adapting the ends of downpipes to facilitate the fitting of cast-iron shoes.	No.	2.0			
J		Allow the following number of Provisional Hours for a suitably skilled operative to carry out adjustments approved by the CA.	hrs	8			
K		Allow the following Provisional Sum for materials supplied in connection with the repairs found necessary; including overheads and profit.	PS			100.00	
3.5.10.3	Prepare and decorate	Fully prime, undercoat and decorate all sections and fittings.	ITEM				
3.5.10.4	Mesh	Installing 16 gauge galvanised wire mesh (approx. 12.5 mm x 12.5 mm) pre-formed to act as leaf guard to the hopperhead.	ITEM				
3.5.10.5	Water test	Carry out a water test, with the Surveyor in attendance, to ensure the system is fully operable and water-tight.	ITEM				
		Rainwater goods	Section Total				

ITEM REF	LOCATION REPAIR ITEM	REPAIRS WORKS	UNIT	QUANTITY	UNIT COST £	ITEM COST £	SECTION TOTAL £
3.5.11	Rainwater gullies						
3.5.11.1		Allow for the installation of an improved rainwater disposal system, and all necessary connections and fittings using the Hepworth SuperSleve system. For pricing purposes allow for a suitably skilled and experienced operative to implement the following Provisional Items as instructed by the CA:					
3.5.11.2		Excavation, breaking-out, removal and adjustment to the existing drain detailing, to include the concrete sleeves, to facilitate the installation of the new rainwater drainage disposal system and connection to the existing drain.	hrs	16.0			
3.5.11.3		Supply and install new rainwater gullies [Hepworth SDG 2/3]	No.	2			
3.5.11.4		Connecting the rainwater gullies to the existing drain. Allow for 100 mm pipework [Hepworth SP1] with flexible connections].	No.	2			
3.5.11.5		Installing inspection chambers. Allow for Hepworth SPIC1/1 with square iron covers and frames [SPKS8].	No.	1			
3.5.11.6		Allow a Provisional Sum for labour and materials for additional drainage works as instructed by the CA; including overheads and profit.	PS			1,000.00	
3.5.11.7		Back filling the trenches and making good all excavations leaving the paving and other areas affected in a sound condition to the CA's satisfaction.	Item				
		Rainwater gullies	Section Total				

ITEM REF	LOCATION REPAIR ITEM	REPAIRS WORKS	UNIT	QUANTITY	UNIT COST £	ITEM COST £	SECTION TOTAL £
3.6	CHANCEL EAST GABLE	Refer to Photo Sheet No. 01					
3.6.1	General preparation						
3.6.1.1		Record coursing and pattern of stonework and mortar joints to allow rebuilding to match existing.	ITEM				
3.6.2	Removal of roof coverings						
3.6.2.1		Strip back 1.5m the roof coverings to the eastern end of the north and south slopes. Allow for 8.0m run for each slope.	m2	24.0			
3.6.3	Timber repairs						
3.6.3.1		Allow the Surveyor to inspect the roof timbers.					
3.6.3.2		Allow the following number of Provisional Hours for a suitably skilled and experienced carpenter to carry out repairs to remedy decay to timbers exposed by the removal of the roof coverings.	hrs	16			
3.6.3.3		Allow the following Provisional Sum for materials supplied in connection with the repairs found necessary; including overheads and profit.	PS			150.00	
3.6.4	Improved structural restraint						
3.6.4.1		Secure with s/s screws and washers stainless steel woven wire mesh [allow for 4mm Aperture - 1mm Wire Diameter - SS304 Grade] to cover a minimum of half the wall head [allow 200mm] and down the inner face of the gable [allow 200mm] and across the exposed roof [1.5m] and secured into the roof with the fixings for the s/s restraint straps [item below]. Refer to Dwg No. 01 and Photo Sheet No. 03. Allow for 16.0m2 for each slope.	m2	32.0			
3.6.4.2		Secure heavy duty stainless steel restraint straps [2.0m x 30mm x 5mm] cranked/shaped to run over the top of the gable wall head, down the inner face of the gable wall and across the tops of a min. of 3No. rafters that have been fitted with softwood noggins [allow 150mm x 50mm] between the rafters. Refer to Dwg No. 01.	No.	10			
3.6.5	Recovering						
3.6.5.1		Replace or cover the lifted felt with new vapour permeable roofing felt. Allow for 12.0m2 for each slope.	m2	24.0			
3.6.5.2		Replace removed roofing battens with new pre-treated softwood roofing battens. Allow for battens to recover 12.0m2 of each slope.	m2	24.0			
3.6.5.3		Reinstate the roof coverings upon completion of the repairs [itemised below] to the gable wall and copings.	m2	24.0			
3.6.5.4		PROVISIONAL ITEM: Allow for the replacement of damaged tiles with new tiles to match. Allow for 50% new tiles.	m2	12.0			
3.6.5.5		Allow for the provision of new Code 4 lead soakers and new tile fillets bedded on hydraulic lime mortar to the internal face/abutments with the gable to the north and south slopes. Allow for 10.0m run for each slope.	linear m	16.0			
		Roof coverings	Section Total				

ITEM REF	LOCATION REPAIR ITEM	REPAIRS WORKS	UNIT	QUANTITY	UNIT COST £	ITEM COST £	SECTION TOTAL £
3.6.6	Copings & apex stone						
3.6.6.1		Carefully remove and dispose of the apex stone.	No.	1			
3.6.6.2		Supply, carve & transport to site new carved apex stone [Syreford] to match the original with additional fixing rebate.	No.	1			
3.6.6.3		Fix new apex stone bedded on 3.5 NHL mortar.	No.	1			
3.6.6.4		Carefully remove and dispose of all [100%] of the copings.	linear m	16.0			
3.6.6.5		PROVISIONAL ITEM: Carefully remove and dispose of the intermediate kneelers.	No.	4			
3.6.6.6		PROVISIONAL ITEM: Supply, carve & transport to site new carved stone [Syreford] intermediate kneelers to match the original profile/detail with additional fixing rebate bedded on 3.5 NHL mortar.	No.	4			
3.6.6.7		PROVISIONAL ITEM: Fix new kneelers to north & south slopes bedded in 3.5 NHL mortar.	No.	4			
3.6.6.8		Apply shelter coat to the new kneelers.	No.	4			
3.6.6.9		Supply, carve & transport to site new copings [allow 450 mm wide x 100 mm thick] in Syreford stone with drip throating, lapped joint with additional fixing rebate etc .Refer to Dwg No. 01 and Photo Sheet No. 03.	linear m	16.0			
3.6.6.10		Fix new copings tied into s/s mesh & bedded on 3.5 NHL mortar.	linear m	16.0			
3.6.6.11		PROVISIONAL ITEM: For pinning 2 x intermediate kneelers with 2 x resin grouted s/s threaded bars [12mm x 300mm long].	No.	2			
3.6.6.12		Carefully remove sulphate skins and deposits using poltices to the lower kneelers.	No.	2			
3.6.6.13		Allow the following number of Provisional Hours for a suitably skilled and experienced stone mason/conservator to carry out repair and consolidation of the lower kneelers.	hrs	8			
3.6.6.14		Allow the following Provisional Sum for materials supplied in connection with the repairs found necessary; including overheads and profit.	PS			25.00	
3.6.6.15		Apply shelter coat to the retained lower kneelers.	No.	2			
		Copings	Section Total				

ITEM REF	LOCATION REPAIR ITEM	REPAIRS WORKS	UNIT	QUANTITY	UNIT COST £	ITEM COST £	SECTION TOTAL £
3.6.7	Wall repairs						
3.6.7.1	Dismantle & rebuild of apex	Carefully dismantle the apex of the gable. Allow for 5.0m2 of walling with a max. thickness of 300 mm.	m2	5.0			
A		Rebuild the dismantled section to match recorded coursing.	m2	5.0			
B		PROVISIONAL ITEM: Allow for replacing 25% of ragstone with new stonework dressed to match existing coursing/sizes etc.	ITEM				
3.6.7.1	Grouting of apex	Upon completion of pointing to the outer [east] and internal [west] faces of the gable grout the coursed rubble ragstone using a diluted [to suit conditions and to achieve suitable flow] grout of moderately hydraulic lime [NHL 3.5] and silver sand [approx	m3	1.5			
A		PROVISIONAL ITEM: Allow for dismantling loose and damaged masonry immediately below the copings. Allow for a total of 5.0m2 of walling with a max. thickness of 300 mm.	m2	5.0			
B		PROVISIONAL ITEM: Rebuild the dismantled masonry immediately below the copings to match existing.	m2	5.0			
C		PROVISIONAL ITEM: Allow for replacing 25% of ragstone with new stonework dressed to match existing coursing/sizes etc.	ITEM				
D		Allow the following number of Provisional Hours for a suitably skilled and experienced stone mason/conservator to carry out repair of the wall.	hrs	40			
E		Allow the following Provisional Sum for materials supplied in connection with the repairs found necessary; including overheads and profit.	PS			250.00	
F		PROVISIONAL ITEM: Remove cement repairs and weathered stone to the band course and apply mortar repairs to consolidate the stone [repairs not to exceed > 25 mm]. Allow for 4 x repairs 450 mm x 200 mm.	No.	4			
G		PROVISIONAL ITEM: Carefully cut out excessively weathered section of the band course and repair with stone indent of carved section to match original detail. Allow for 1 x indent repair approx. 800 mm x 200 mm x 175 mm.	No.	1			
H		Apply shelter coat to the stone band course.	ITEM				
		Wall repairs	Section Total				

ITEM REF	LOCATION REPAIR ITEM	REPAIRS WORKS	UNIT	QUANTITY	UNIT COST £	ITEM COST £	SECTION TOTAL £
3.6.8	Ragstone						
		Carefully rake out weathered and cement pointing to the east face of the nave gable.					
3.6.8.1		East gable [estimated net area]	m2	42.0			
3.6.8.2		South wall [estimated net area]	m2	38.0			
		North wall [estimated net area]	m2	23.0			
		Defrass the ragstone.					
3.6.8.3		East gable [estimated net area]	m2	42.0			
3.6.8.4		South wall [estimated net area]	m2	38.0			
3.6.8.5		North wall [estimated net area]	m2	23.0			
3.6.8.6		PROVISIONAL ITEM: Allow for replacing ragstone where > than 50 mm lost from the face with new stonework dressed to match existing coursing/sizes etc.	m2	4.5			
		Repoint elevations using lime putty mortar. Allow for mortar to match previous phases of work in appearance and texture.					
3.6.8.7		East gable [estimated net area]	m2	42.0			
3.6.8.8		South wall [estimated net area]	m2	38.0			
3.6.8.9		North wall [estimated net area]	m2	23.0			
3.6.8.10		Allow the following number of Provisional Hours for a suitably skilled and experienced stone mason/conservator to carry out repairs to the wall.	hrs	40			
3.6.8.11		Allow the following Provisional Sum for materials supplied in connection with the repairs found necessary; including overheads and profit.	PS			250.00	
		Ragstone	Section Total				

ITEM REF	LOCATION REPAIR ITEM	REPAIRS WORKS	UNIT	QUANTITY	UNIT COST £	ITEM COST £	SECTION TOTAL £
3.6.9	Rainwater goods						
3.6.9.1	Removal	Carefully remove and dispose of the existing rainwater goods [gutters, downpipes, fittings and fixings]. Allow for:					
	South eaves						
A		Guttering	linear m	8.3			
B		Downpipe [total]	linear m	7.7			
	North eaves						
C		Guttering	linear m	4.8			
D		Downpipe [upper]	linear m	4.8			
E		Downpipe [lower]	linear m	3.0			
3.6.9.2	Replacement	Secure replacement rainwater goods in position, ensuring that the gutters have a steady fall to the outlets.					
	South eaves						
A		Guttering: 5 inch half round	linear m	8.3			
B		Downpipe [total]: 4 inch diameter	linear m	7.7			
	North eaves						
C		Guttering: 5 inch half-round	linear m	4.8			
D		Downpipe [upper] :4 inch diameter	linear m	4.8			
E		Downpipe [lower]: 4 inch diameter	linear m	3.0			
F		All associated fittings and fixings, including: stops, sockets and ears.	ITEM				
G		PROVISIONAL ITEM: Cutting and adapting the ends of downpipes to facilitate the fitting of cast-iron shoes.	No.	2			
H		Allow the following number of Provisional Hours for a suitably skilled operative to carry out adjustments approved by the CA for the installation of improved method of discharging water from the box gutter to the north of the chancel.	hrs	40			
I		Allow the following Provisional Sum for materials supplied in connection with the repairs found necessary; including overheads and profit.	PS			1,000.00	
3.6.9.3	Fascia boards						
		PROVISIONAL ITEM: For removing concealed eaves timbers, such as fascia boards behind the guttering. Allow for:					
A		South eaves: removing existing eaves	linear m	8.3			
B		North eaves: removing existing eaves	linear m	4.8			
		PROVISIONAL ITEM: For replacing removed eaves timbers, such as fascia boards behind the guttering. Allow for supply and fitting fully primed and decorated softwood timber 150mm x 20mm:					
C		South eaves	linear m	8.3			
D		North eaves	linear m	4.8			
3.6.9.4	Prepare and decorate	Fully prime, undercoat and decorate all sections and fittings.	ITEM				
3.6.9.5	Water test	Carry out a water test, with the Surveyor in attendance, to ensure the system is fully operable and water-tight.	ITEM				
		Rainwater goods	Section Total				

ITEM REF	LOCATION REPAIR ITEM	REPAIRS WORKS	UNIT	QUANTITY	UNIT COST £	ITEM COST £	SECTION TOTAL £
3.6.10	Rainwater gullies						
3.6.10.1		Allow for the installation of an improved rainwater disposal system, and all necessary connections and fittings using the Hepworth SuperSleeve system. For pricing purposes allow for a suitably skilled and experienced operative to implement the following Provisional Items as instructed by the CA:					
3.6.10.2		Excavation, breaking-out, removal and adjustment to the existing drain detailing, to include the concrete sleeves, to facilitate the installation of the new rainwater drainage disposal system and connection to the existing drain.	hrs	16.0			
3.6.10.3		Supply and install new rainwater gullies [Hepworth SDG 2/3]	No.	2			
3.6.10.4		Connecting the rainwater gullies to the existing drain. Allow for 100 mm pipework [Hepworth SP1] with flexible connections].	No.	2			
3.6.10.5		Installing inspection chambers. Allow for Hepworth SPIC1/1 with square iron covers and frames [SPKS8].	No.	1			
3.6.10.6		Allow a Provisional Sum for labour and materials for additional drainage works as instructed by the CA; including overheads and profit.	PS			1,000.00	
3.6.10.7		Back filling the trenches and making good all excavations leaving the paving and other areas affected in a sound condition to the CA's satisfaction.	Item				
		Rainwater gullies	Section Total				

ITEM REF	LOCATION REPAIR ITEM	REPAIRS WORKS	UNIT	QUANTITY	UNIT COST £	ITEM COST £	SECTION TOTAL £
3.7	NORTH BOX GUTTER	Photo Sheet No. 04					
3.7.1	Stripping of lead & decking						
3.7.1.1		Carefully lifting of lower courses of tiles to the south slope to allow the lifting of the existing lead and decking, repair and replacements.	linear m	4.8			
3.7.1.2		Carefully lifting of the existing decking and boarding to the central valley gutter and flat roofs.	linear m	4.8			
3.7.1.3		Carefully lifting of the existing decking and boarding to the box gutter.	linear m	4.8			
3.7.2	Removing and cutting out decayed timbers	PROVISIONAL ITEMS: Cutting out decayed sections of roof timbers. Allow for:					
3.7.1.4		Removal of decayed 'joists' below valley gutters [approx. 500mm x 125mm x 50mm].	No.	4			
3.7.1.5		Cutting out decayed lower ends of rafter feet [approx. lower 400mm].	No.	4			
3.7.1.6		Replacement of 'joists' below the central valley gutter. Allow for heartwood of Douglas Fir approx. length 500 mm x 125 mm x 50 mm.	No.	4			
3.7.1.7		Replacement of removed lengths of wallplate adjacent to valley gutter. Allow for heartwood of Douglas Fir 125 mm x 100 mm.	linear m	2.0			
3.7.1.8		Double-up lower ends to rafter feet with heartwood of Douglas Fir approx. 400 mm x 110 mm x 100 mm.	No.	4			
3.7.1.9		Allowance for a carpenter/joiner to carry out additional repairs to roof timbers as instructed by the CA.	hrs	4.0			
3.7.3	Construction of new box gutter	The construction of new boarded decking. Allow for 2 bays to max. length of 2,500mm and max. girth of 900mm with 1 step/drip lined in the heartwood of Douglas fir detailed with a min. drip height of 60 mm between the bays.	linear m	4.8			
3.7.4	Recovering	Recover the valley gutters in new Code 7 lead.	linear m	4.8			
3.7.5	North chancel window detail						
3.7.1.10		Allow the following number of Provisional Hours for a suitably skilled operative to carry out adjustments approved by the CA around the base of the north windowl.	hrs	12			
3.7.1.11		Allow the following Provisional Sum for materials supplied in connection with the repairs found necessary; including overheads and profit.	PS			250.00	
		North box gutter	Section Total				

ITEM REF	LOCATION REPAIR ITEM	REPAIRS WORKS	UNIT	QUANTITY	UNIT COST £	ITEM COST £	SECTION TOTAL £
3.8	CHANCEL WINDOWS						
3.8.1	EAST WINDOW	Photo Sheet No. 01 & Photo Sheet No. 04					
3.8.1.1		Carefully remove existing protective sheeting and fixings from the central large round window and 3 x tracery lights/windows.	ITEM				
3.8.1.2		Carefully remove sulphate skins/deposits using poultices.	ITEM				
3.8.1.3		Carefully remove cement repairs. Allow for the areas removed to be between 100mm x 50mm and 150mm x 100mm.	No.	10			
3.8.1.4		Repair with coloured lime mortar to match the host stone the areas where the cement has been removed. Allow for the areas repaired to be between 100mm x 50mm and 150mm x 100mm.	No.	10			
3.8.1.5		Carefully cut out weathered sections of the hoodmould and repair with stone indents of carved section to match original detail. Allow for each indent to be approx. 500 mm long.	No.	2			
3.8.1.6		Secure each indent repair [where necessary] with 2 x resin grouted s/s pins.	No.	2			
3.8.1.7		Apply mortar repair to the face of weathered hoodmould - worked to provide detail to match original [allow 200 mm x 50 mm not exceeding > 25 mm].	No.	2			
3.8.1.8		Rake out and repair weathered joints to the hoodmould using mortar.	No.	5			
3.8.1.9		Carefully cut out weathered sections [> 25 mm deep] of the red sandstone roundels/voussoirs and repair with stone indents of carved section to match original detail. Allow for indent repairs approx. 150 mm x 120 mm x 75 mm.	No.	2			
3.8.1.10		Apply mortar repairs to the faces of weathered red sandstone [allow 300 mm x 200 mm not exceeding > 25 mm]. Allow for using mortar coloured to match host stone approx. 150 mm x 120 mm x 20 mm.	No.	2			
3.8.1.11		Carefully cut out weathered sections [> 25 mm deep] of the limestone voussoirs and repair with stone indents of carved section to match original detail. Allow for indent repairs approx. 150 mm x 120 mm x 75 mm.	No.	2			
3.8.1.12		Apply mortar repair to the faces of weathered limestone [allow 300 mm x 200 mm not exceeding > 25 mm]. Allow for using mortar coloured to match host stone.	No.	5			
3.8.1.13		Pinning with s/s pins cracking to stonework and filling cracks and applying mortar repair to the face. Allow each repair to include for 3 x s/s pins and mortar repair to 500 mm long crack max. 5mm wide.	No.	10			
3.8.1.14		Allow the following number of Provisional Hours for a suitably skilled stone mason or conservator to carry out repair and consolidation of the window approved by the CA.	hrs	60			
3.8.1.15		Allow the following Provisional Sum for materials supplied in connection with the repairs found necessary; including overheads and profit.	PS			500.00	
		East window	Section Total				

ITEM REF	LOCATION REPAIR ITEM	REPAIRS WORKS	UNIT	QUANTITY	UNIT COST £	ITEM COST £	SECTION TOTAL £
3.8.2	NORTH WINDOW	Photo Sheet No. 04					
3.8.2.1		Carefully remove existing protective sheeting and fixings from the window.	ITEM				
3.8.2.2		Carefully remove sulphate skins/deposits using poultices. Refer to Photo XXXX.	ITEM				
3.8.2.3		Carefully remove cement repairs. Allow for the areas removed to be between 100mm x 50mm and 150mm x 100mm.	No.	10			
3.8.2.4		Repair with coloured lime mortar to match the host stone the areas where the cement has been removed. Allow for the areas repaired to be between 100mm x 50mm and 150mm x 100mm.	No.	10			
3.8.2.5		Pinning with s/s pins cracking to stonework and filling cracks and applying mortar repair to the face. Allow each repair to include for 3 x s/s pins and mortar repair to 500 mm long crack max. 5mm wide.	No.	6			
3.8.2.6		Apply mortar repairs to reinstate detail to carved stop to hoodmould.	No.	1			
3.8.2.7		PROVISIONAL ITEM: Replace badly weathered stop to hoodmould and replace with new carved stop to match/in-keeping with detailing of intact stops to other windows.	No.	1			
3.8.2.8		Allow the following number of Provisional Hours for a suitably skilled stone mason or conservator to carry out repair and consolidation of the window approved by the CA.	hrs	30			
3.8.2.9		Allow the following Provisional Sum for materials supplied in connection with the repairs found necessary; including overheads and profit.	PS			250.00	
		North window	Section Total				

ITEM REF	LOCATION REPAIR ITEM	REPAIRS WORKS	UNIT	QUANTITY	UNIT COST £	ITEM COST £	SECTION TOTAL £
3.8.3	SOUTH WINDOWS	Photo Sheet No. 04					
3.8.3.1		Carefully remove existing protective sheeting and fixings from the windows.	No.	3			
3.8.3.2		Carefully remove sulphate skins/deposits using poultices.	ITEM				
3.8.3.3		Carefully remove cement repairs. Allow for the areas removed to be between 100mm x 50mm and 150mm x 100mm.	No.	15			
3.8.3.4		Repair with coloured lime mortar to match the host stone the areas where the cement has been removed. Allow for the areas repaired to be between 100mm x 50mm and 150mm x 100mm.	No.	15			
3.8.3.5		Carefully cut out weathered sections of the hoodmould and repair with stone indents of carved section to match original detail. Allow for each indent to be approx. 500 mm long.	No.	6			
3.8.3.6		Secure each indent repair [where necessary] with 2 x resin grouted s/s pins.	No.	6			
3.8.3.7		Apply mortar repair to the face of weathered hoodmould - worked to provide detail to match original [allow 200 mm x 50 mm not exceeding > 25 mm].	No.	6			
3.8.3.8		Rake out and repair weathered joints to the hoodmould using mortar.	No.	10			
3.8.3.9		Apply mortar repair to the faces of weathered limestone [allow 300 mm x 200 mm not exceeding > 25 mm]. Allow for using mortar coloured to match host stone.	No.	6			
3.8.3.10		Pinning with s/s pins cracking to stonework and filling cracks and applying mortar repair to the face. Allow each repair to include for 3 x s/s pins and mortar repair to 500 mm long crack max. 5mm wide.	No.	10			
3.8.3.11		Apply mortar repairs to reinstate detail to carved stop to hoodmould.	No.	2			
3.8.3.12		PROVISIONAL ITEM: Replace badly weathered stop to hoodmould and replace with new carved stop to match/in-keeping with detailing of intact stops to other windows.	No.	3			
3.8.3.13		Allow the following number of Provisional Hours for a suitably skilled stone mason or conservator to carry out repair and consolidation of the window approved by the CA.	hrs	45			
3.8.3.14		Allow the following Provisional Sum for materials supplied in connection with the repairs found necessary; including overheads and profit.	PS			450.00	
		South windows	Section Total				
3.8.4	WINDOW PROTECTION	Photo Sheet No. 04					
3.8.4.1	East window	PROVISIONAL ITEM: Carefully remove the existing protection to the windows.					
3.8.4.2	South windows	PROVISIONAL ITEM: Carefully remove the existing protection to 2 x of the south windows.					
3.8.4.3	East window	PROVISIONAL ITEM: Supply and fit new purpose made powder-coated stainless steel wire guards secured with s/s fixings to all the windows of the east window.	ITEM				
3.8.4.4	North window	PROVISIONAL ITEM: Supply and fit new purpose made powder-coated stainless steel wire guards secured with s/s fixings to all the windows of the north window.	ITEM				
3.8.4.5	South windows	PROVISIONAL ITEM: Supply and fit new purpose made powder-coated stainless steel wire guards secured with s/s fixings to all the windows of the 3x south windows.	No.	3			
		Window protection	Section Total				

SCHEDULE OF RATES - TRADES

This sheet is to be completed by the Tenderer and submitted to the Surveyor. Please state hourly rates and whether rates include for preliminaries, profit and on-costs.

Trade: Pointing/mortar repairs £

Tradesman's rate:

Labourer's rate:

Trade: Stonemason

Tradesman's rate:

Labourer's rate:

Trade: Carpenter

Tradesman's rate:

Labourer's rate:

Trade: Roofer

Tradesman's rate:

Labourer's rate:

Trade: Lead worker

Tradesman's rate:

Labourer's rate:

Trade: Other – please state

Tradesman's rate:

Labourer's rate:

Trade: Other – please state

Tradesman's rate:

Labourer's rate:

Trade: Other – please state

Tradesman's rate:

Labourer's rate:

Tender Summary

TENDER SUMMARY - SACRED HEART - EAST GABLE REPAIR WORKS

Sub-totals brought forward:	£	£
1 Preliminaries		
3.1 Scaffolding & Access		
3.2 Structural support & propping		
3.3 Samples		
3.4 Trials		
3.5 Nave east gable		
3.6 Chancel east gable		
3.7 North box gutter		
3.8 Chancel windows		
Sub total		
Contingency at 10%		
Net Total		
VAT @ 15%		
GROSS TOTAL		

In consideration of the work described in the Specification & Schedule of Works our price of £.....
(in words) is hereby submitted for the Work to be carried out to the satisfaction of the Surveyor.

Our starting date would be:

Duration of contract will be:

Price Valid until:

Signed

Date

For and on behalf of:.....