
Part 1 General

1.1 RESPONSABILITIES

- .1 Because of the great patrimonial value of the building concerned by this contract, the restoration works must be done by modifying the least possible the composition of the building.
- .2 Protection of patrimonial components of the building against damages caused by the works of the present contract must have priority in the execution of the works. Are considered as patrimonial components the following items (non-limitative list and on an indicative basis)
 - Interior and exterior masonry (brick and stone)
 - Metallic ornaments (Pinnacles, secondary casts iron crests, beginnings)
 - Interior plasters
 - Structure and wood decks of roofs and of turrets
 - foundations
 - Wood sliding doors in between East Wing and old Exercise room 1885 (central building)
 - Historic wood exterior doors and windows
 - Coal hold at basement of East Wing
 - Interior wood paneling
 - Terrazzo floor finish at basement of East Wing
 - All historical staircases (wood and metal)
 - Interior door frames
 - Certain graffitis on interior masonry (see drawings)
 - Interior architectural components such as fireplace mantles, existing moldings, etc...
- .3 The contractor must put in place all protective measures and procedures necessary to ensure that damages to the existing composition of the building are reduced to the minimum.
- .4 The contractor will be held responsible of expenses encountered for corrective measures required to repair damages to the existing composition of the building caused by the works of the contract.

1.2 DOCUMENTS/ELEMENTS TO SUBMIT

- .1 General: submit each element of the present article in conformance to section 01 33 00 – Submittals.
 - .2 Evaluation of risks :
 - .1 Carry out a risks evaluation to identify potential causes of damages to patrimonial components of the building which could occur following realization of works of the contract.
 - .2 Submit the risks evaluation to the revision of Departmental Representative within 10 working days following award of contract.
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- .3 Protection Plan:
 - .1 Based on the risks evaluation reviewed and accepted, prepare a protection plan indicating measures to be taken to protect patrimonial components of the building during each stage of the works.
- .4 Photographic and vidéo files :
 - .1 **Before starting works at any location**, submit a complete photographic file and vidéo of conditions of patrimonial components of the existing building..
 - .2 **Do not start work at this location before the Departmental Representative has reviewed and accepted the photographic and video file.**
 - .3 The photographic and video file will be used to help Departmental Representative determinate if yes or no there have been damages to the composition of the building during or before the works.
 - .4 Document (photos and video) the conditions of all monuments present on Place George V and who are affected by the zone of the construction site.
- .5 Specific damages Reports :
 - .1 In the event that damages to patrimonial components of the building occur, submit immediately a written report of damages to the Departmental Representative.
- .6 Monthly control Report :
 - .1 The contractor must submit a Monthly control Report on the physical conditions of the historical composition (interior finishes, masonry, etc.) with photographs and observations.

1.3 PROTECTION PLAN

- .1 The protection plan must include all protection measures established according to the risks evaluation. These measures must include :
 - .1 The protection of masonry against :
 - .1 Mechanical damages caused by conservation processes of masonry incorrectly realized.
 - .2 Mechanical damages caused by temporary fastenings of scaffoldings to masonry surfaces.
 - .3 Surface damages caused by overly intensive cleaning.
 - .4 Mechanical damages caused by works of other work trades, including falling objects.
 - .5 Damages caused by the use of chemical products for cleaning which have not been adequately removed or neutralized.
 - .6 Soiling of surfaces caused by drippings of mortar, of sealant products, of adhesives, of paint or other coverings used by the masonry work trade or others.

- .2 Protection of wood doors and windows against:
 - .1 Mechanical damages caused by inappropriate removal or repair and inadequate replacement of rotten or damaged materials.
 - .2 Mechanical damages caused by inappropriate removal or inadequate replacement of sealant products or existing glazing.
 - .3 Mechanical damages caused by falling objects.
 - .4 Surface damages caused by spillage or by over spraying of masonry cleaning products or drippings of mortar, of sealant products, of adhesives, of paint or other coverings used by the masonry work trade or others.
 - .5 Mechanical damages caused by the works of other work trades, including falling objects.
- .3 Protection of glazing of transom windows and existing wood windows against:
 - .1 Damages caused by falling objects.
 - .2 Damages caused by spillages or by over spraying of masonry cleaning products or drippings of mortar, of sealant products, of adhesives, of paint or other coverings used by the masonry work trade or others.
- .4 Protection of interior elements of the building:
 - .1 Take particular care to not damage plasters and patrimonial woodwork elements such as wood paneling, door frames, interior finishes such as terrazzo, historical staircases, historical graffiti, the wood sliding doors between East Wing and old Exercise Room 1885 (central building) and interior patrimonial architectural components such as fireplace mantles, existing moldings, etc.
 - .2 Set up special protection measures as indicated on the drawings.
 - .3 Take particular care to prevent damaging plaster works and elements stated at point 1.1.2 during the works.
 - .4 Protect the following elements with 16mm plywood not fastened to patrimonial components (Contractor must submit details and shop drawings of fastenings of plywood for approval by the Departmental Representative):
 - Exterior historical wood doors and windows
 - interior wood paneling.
 - terrazzo floor finish at basement of East wing.
 - all historical staircases (wood and metal)
 - interior door frames
 - certain graffiti on interior masonry walls (see drawings)
 - interior architectural components such as fireplace mantles, existing moldings etc..
- .5 The protection of other patrimonial components of the building as needed to prevent them from being damaged in any way.

- .2 Revise the drawings and various sections of the specifications and include all protection measures therein prescribed, in the protection plan.
- .3 The protection plan must clearly identify in detail, proposed protection measures for each patrimonial component of the building and also provide shop drawings of these protections.

1.4 TRAINING

- .1 The contractor has the responsibility to ensure that all the construction personnel is aware of the importance of protecting the patrimonial components of the building and is familiar with parts of the protection plan concerning his works.
- .2 The contractor must stage a training session for each member of the workforce relating to the protection plan and to specific protection measures to implement.

Part 2 Products

2.1 NOT USED

- .1 Not used.

Part 3 Execution

3.1 NOT USED

- .1 Not used.

END OF SECTION