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1550, Avenue d'Estimauville
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Québec
Québec
G1J 0C7

SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution
TPSGC-PWGSC
601-1550, Avenue d'Estimauville
Québec
Québec
G1J 0C7

Title - Sujet Reconst. Manège militaire Québec	
Solicitation No. - N° de l'invitation EE520-151410/B	Amendment No. - N° modif. 010
Client Reference No. - N° de référence du client EE520-151410	Date 2015-02-18
GETS Reference No. - N° de référence de SEAG PW-\$QCM-009-16291	
File No. - N° de dossier QCM-4-37219 (009)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-03-05	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Thellend, François	Buyer Id - Id de l'acheteur qcm009
Telephone No. - N° de téléphone (418) 649-2889 ()	FAX No. - N° de FAX (418) 648-2209
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

Solicitation No. - N° de l'invitation

EE520-151410/B

Client Ref. No. - N° de réf. du client

EE520-151410

Amd. No. - N° de la modif.

010

File No. - N° du dossier

QCM-4-37219

Buyer ID - Id de l'acheteur

qcm009

CCC No./N° CCC - FMS No/ N° VME

AMENDMENT 010

Content of amendment 010:

- Amendment to the Invitation to Tender.

1) AMENDMENT TO THE INVITATION TO TENDER

The purpose of this amendment is to publish the revised Appendix 1 which was supposed to be included solicitation amendment 009.

*** All other terms and conditions remain unchanged ***

APPENDIX 1 – COMBINED PRICE FORM

- 1) The prices per unit shall govern in establishing the Total Extended Amount. Any arithmetical errors in this Appendix will be corrected by Canada.
- 2) Canada may reject the bid if any of the prices submitted do not reasonably reflect the cost of performing the part of the work to which that price applies.

LUMP SUM

The Lump Sum Amount designates Work to which a Lump Sum Arrangement applies.

- (a) Work included in the Lump Sum Amount represents all work not included in the unit price table.

TABLE 1 – Lump sum price table

Item	Ref. to specifications	Description	Firm Total Amount
1.	Division 1	GENERAL REQUIREMENTS	\$
2.	Division 2	EXISTING CONDITIONS (Demolition, etc...)	\$
3.	Division 3	CONCRETE	\$
4.	Division 4	MASONRY	
4.1		Historic works-masonry	\$
4.2		Contemporary works-masonry	\$
5.	Division 5	METALS	\$
6.	Division 6	WOOD, PLASTICS AND COMPOSITE (Carpentry, etc...)	\$
7.	Division 7	THERMAL AND MOISTURE PROTECTION	\$
8.	Division 8	OPENINGS (Doors, windows, etc...)	\$
9.	Division 9	FINISHES (Plaster, flooring, painting, etc...)	\$
10.	Division 10	SPECIALTIES (Compartments, etc...)	\$
11.	Division 11	EQUIPMENT	\$
12.	Division 12	FURNISHINGS	\$
13.	Division 14	CONVEYNG EQUIPMENT (Elevators)	\$
14.	Division 21	FIRE SUPPRESSION	\$
15.	Division 22	PLUMBING	\$
16.	Division 23	HEATING, VENTILATION AND AIR CONDITIONING	\$
17.	Division 25	INTEGRATED AUTOMATION	\$

Item	Ref. to specifications	Description	Firm Total Amount
18.	Division 26	ELECTRICAL	\$
19.	Division 27	COMMUNICATIONS	\$
20.	Division 28	ELECTRONIC SAFETY AND SECURITY	\$
21.	Division 31	TERRASSEMENTS	\$
22.	Division 32	EXTERIOR IMPROVEMENTS	\$
23.	Division 33	UTILITIES (Water utility, sewer, etc...)	\$
TOTAL – Lump sum amount (excluding taxes):			\$

UNIT PRICE TABLE

The Unit Price Table designates Work to which a Unit Price Arrangement applies. The Firm Unit Price shall not include any amounts for Work that is not included in that firm unit price Item.

TABLE 2 – Unit price table

Item	Description	Estimated Quantity	Unit	Firm Unit Price	Extended Amount
24.	ENVIRONMENTAL REMEDIATION AND MANAGEMENT OF EXCAVATED CONTAMINATED SOILS				
24.1	Disposal of contaminated excavated soils of type:				
a)	- A-B level contaminated in petroleum hydrocarbons C ₁₀ to C ₅₀ and/or PAH and/or metals	3500	m. ton	\$	\$
b)	- B-C level contaminated in petroleum hydrocarbons C ₁₀ to C ₅₀ and/or PAH and/or metals	11500	m. ton	\$	\$
c)	- C-D (as described in the "Règlement sur l'enfouissement des sols contaminés") level contaminated in petroleum hydrocarbons C ₁₀ to C ₅₀ and/or PAH and/or metals	13000	m. ton	\$	\$
24.2	Additional excavation survey for soil characterization	6	Unit	\$	\$
24.3	Temporary storage of soils (non characterized sectors)	750	m ³	\$	\$
24.4	In situ treatment or offsite elimination of contaminated water	2000	Litre	\$	\$
24.5	Exploration well to find underground petroleum products storage tank	3	Unit	\$	\$

Item	Description	Estimated Quantity	Unit	Firm Unit Price	Extended Amount
25.	<u>CIVIL</u>				
25.1	General				
25.1.1	Hourly rate for a search and excavation team to remove the lamppost gas pipes	30	hour	\$	\$
25.1.2	Exploration wells	10	Unit	\$	\$
25.1.3	Fluid sand concrete fill	80	m ³	\$	\$
25.1.4	HI-60 Insulation (50 mm thickness)	100	m ²	\$	\$
25.1.5	20 mm clean crushed stones wrapped with a geotextile membrane in replacement of the sand bedding under the pipes	150	m. ton	\$	\$
25.2	Potable water network				
25.2.1	Potable water pipe, including excavation, backfill and 1 st class excavation (rock excavation):				
a)	- 19 mm Ø polyethylene, aluminum composite pipe	120	Lin. m.	\$	\$
b)	- 100 mm Ø ductile iron pipe pressure class 350	10	Lin. m.	\$	\$
b)	- 150 mm Ø PVC DR-18	110	Lin. m.	\$	\$
c)	- 200 mm Ø ductile iron pipe pressure class 350	15	Lin. m.	\$	\$
25.2.2	Valve:				
a)	- 19 mm Ø	1	Unit	\$	\$
b)	- 150 mm Ø	2	Unit	\$	\$
c)	- 200 mm Ø with valve signpost (VSP)	1	Unit	\$	\$
25.2.3	Fire hydrant	1	Unit	\$	\$
25.2.4	Connection to the existing potable water pipe:				
a)	- 100 mm Ø	1	Unit	\$	\$
b)	- 150 mm Ø	2	Unit	\$	\$
c)	- 200 mm Ø	1	Unit	\$	\$
25.3	Sanitary and storm sewers network				
25.3.1	Sanitary sewer pipe including excavation, backfill and 1st class excavation (rock excavation) :				

Item	Description	Estimated Quantity	Unit	Firm Unit Price	Extended Amount
a)	- 150 mm Ø	15	Lin. m.	\$	\$
b)	- 200 mm Ø	60	Lin. m.	\$	\$
25.3.2	Storm sewer pipe including excavation, backfill, and 1st class excavation (rock excavation) :				
a)	- 150 mm Ø	20	Lin. m.	\$	\$
b)	- 200 mm Ø	90	Lin. m.	\$	\$
c)	- 300 mm Ø	185	Lin. m.	\$	\$
d)	- 375 mm Ø	15	Lin. m.	\$	\$
e)	- 450 mm Ø	135	Lin. m.	\$	\$
25.3.3	Discharge pipe 75 mm Ø including excavation, backfill and 1st class excavation (rock excavation)	30	Lin. m.	\$	\$
25.3.4	Sanitary sewer manhole 900 mm Ø (S-1, S-2)	2	Unit	\$	\$
25.3.5	Storm sewer manhole:				
a)	- 900 mm Ø (P-1, P-2, P-3, P-6 à P-9)	6	Unit	\$	\$
b)	- 1200 mm Ø (P-3, P-4, P-5)	3	Unit	\$	\$
c)	- 1200 mm Ø with granite slab (P-9)	1	Unit	\$	\$
27.3.6	Manhole-catch basins with 1200 mm Ø base and 752 mm Ø self-leveling frame and cover 752 mm Ø (RP-1)	1	Unit	\$	\$
25.3.7	Catch basins with 750 mm Ø base and:				
a)	- self-leveling 350 mm x 600 mm grid (PU-7 to PU-10)	4	Unit	\$	\$
b)	- decorative grid and standard frame of 350 mm x 600 mm (PU-1 to PU-6)	6	Unit	\$	\$
25.3.8	Frames and grids of catch basins replacement	4	Unit	\$	\$
25.3.9	Drainage trench	65	Lin. m	\$	\$
25.3.10	Connection to the existing sanitary sewer network	3	Unit	\$	\$
25.3.11	Connection to the existing storm sewer network	2	Unit	\$	\$
25.4 Roadway					
25.4.1	Roadway structure:				

Item	Description	Estimated Quantity	Unit	Firm Unit Price	Extended Amount
a)	- Type 1 (under the Armoury, National Battlefield Commission parking lot and Wilfrid-Laurier avenue) including excavation and 1st class excavation (rock excavation)	4500	m ²	\$	\$
b)	- Type 2 (under pedestrians zones, bike paths and for George-VI street) including excavation and 1st class excavation (rock excavation)	550	m ²	\$	\$
25.4.2	Curbs:				
a)	- Cast-in-place concrete curb including type 1 roadway structure	80	Lin. m.	\$	\$
b)	- Installation of stone curb including type 1 roadway structure	600	Lin. m.	\$	\$
c)	- Installation of stone curb including an overthickness of MG-20 crushed gravel	100	Lin. m.	\$	\$
25.4.3	Sidewalk or concrete slab:		Lin. m.		
a)	- Monolithic concrete sidewalk including type 1 roadway structure	60	Lin. m.	\$	\$
b)	- Concrete sidewalk with integrated granite curb including type 1 roadway structure	185	Lin. m.	\$	\$
c)	- Concrete slab including type 2 roadway structure	70	m ²	\$	\$
d)	- Concrete slab for stone pavings including type 2 roadway structure	830	m ²	\$	\$
25.4.4	Asphalt:				
a)	- EB-14	750	m. ton	\$	\$
b)	- EB-10s	305	m. ton	\$	\$
c)	- EB-10c	15	m. ton	\$	\$
25.4.5	Road gutter repair	190	Lin. m.	\$	\$
25.4.6	Protection post	2	Unit	\$	\$
25.4.7	Foundation drains:				
a)	- 100 mm Ø	155	Lin. m.	\$	\$
b)	- 150 mm Ø	115	Lin. m.	\$	\$
25.4.8	Riprap 100-300 mm including geotextile membrane	20	m ³	\$	\$
TOTAL – Extended amount (excluding taxes):					\$

UNIT PRICE TABLE FOR ADDITIONNAL QUANTITIES

The Unit Price Table for Additionnal Quantities in addition to those already included in the specifications and drawings designates Work to which a Unit Price Arrangement applies. The firm unit price for additionnal quantities shall not include any amounts for Work that is not included in that firm unit price Item for additionnal quantities.

Notes applicables to items in Table 3:

1. The work elements prescribed in the specifications and drawings will be paid in accordance to the amounts in tables 1 and 2. Only supplementary quantities to quantities contained in drawings and specifications will be measured on construction site by Contractor and certified by Departmental Representative and will be paid according to unit prices indicated in the Table of Unit prices of additionnal quantities which is part of the bid form. The method used to measure quantities on site must be approved by Departmental Representative. Refer to diverse sections the specifications for requirements relating to each work unit.
2. No supplementary costs will be permitted for additional costs to unit prices in table such as general costs and profits, double time for weekends, administration costs, scaffolding rental costs, heating in winter conditions or management costs.
3. Unit prices include all costs, including administration and profit costs for the Contractor and his sub-contractors, except taxes, and they will be identical when used as supplement and/or as credit.
4. The unit price as well as the total price estimated for each of the items in the list must be obligatorily supplied by the contractor.
5. The scope of works included for each item is such as described in drawings and specifications referred to in the table.
6. Contractor must provide precise progress of executed supplementary quantities to plans and specifications for each item of the table at each of his applications for payment. These quantities will be validated by the Departmental Representative. Contractor must provide a file of monthly progress on the plans indicating all additional interventions completed and supplementary surfaces the 25 of each month. Supplementary quantities must be validated on the site with Departmental Representative and Contractor on a monthly basis.

TABLE 3 – Unit price table for additional quantities

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
PATRIMONIAL MASONRY WORKS						
26	Section 040341 Detail no. 1/A-550	Consolidation of fractured stones and deep fissures : plan an average length of 400mm for the fissures and two stainless steel threaded rods of 12mm diam by 300mm in length, embedded in epoxy. See also note 1 in the exterior interventions legend.	Unit	75	\$	\$
27	Section 040341 Detail no. 2/A-550	Surface fissure repairs : remove previous repairs , clean surfaces, repair the fissure with an injection grout. See also note 2 in the exterior interventions legend.	Unit	150	\$	\$
28	Section 040342 Detail no. 3/A-550	Replacement of masonry elements :facing bossage finish limestone of Château-Richer (Type 1) to replace in non-dismantled zone. Dimensions: 300mmx250mmx200mm. Includes set-back in stone, repair of substrate, provision and installation of new stone, anchors as well as repointing, cure and quality control. See also note 3A in the exterior interventions legend.	Unit	125	\$	\$
29	Section 040342 Detail no. 4/A-550	Replacement of masonry elements : facing stone to replace by key limestone of Château-Richer (Type 1) in non-dismantled zone. Dimensions of 300mmx250mmx500mm. Includes set-back in stone, repair of substrate, provision and installation of new stone, anchors as well as repointing, cure and quality control. See also note 3B in the exterior interventions legend.	Unit	75	\$	\$

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
30	Section 040342	Replacement of masonry elements :facing bossage finish limestone of Château-Richer (Type 1) to replace in dismantled zone of type 6A and/or 6B. Dimensions: 300mmx250mmx200mm. Includes purchase, transformation and transport of stone to construction site. All costs relating to activities related to stone installation are covered by dismantling/reassembling operations. See also note 3C in the exterior interventions legend.	Unit	250	_____ \$	_____ \$
31	Section04 0342	Replacement of masonry elements : facing stone to replace by key limestone of Château-Richer (Type 1) in dismantled zone of type 6A and/or 6B. Dimensions of 300mmx250mmx500mm. Includes purchase, transformation and transport of stone to construction site. All costs relating to activities related to stone installation are covered by dismantling/reassembling operations. See also note 3D in the exterior interventions legend.	Unit	100	_____ \$	_____ \$
32	Section 040342 Detail no. 3/A-550	Replacement of masonry elements : facing bossage finish limestone St-Marc (Type 2) to replace in non-dismantled zone. Dimensions of 600mmx400mmx250mm. Includes set-back in stone, repair of substrate, provision and intallation of new stone, anchors as well as repointing, cure and quality control. Works according to note 3A in the exterior interventions legend.	Unit	25	_____ \$	_____ \$
33	Section 040342 Detail no. 3/A-550	Replacement of masonry elements : foundation stones of St-Marc limestone to replace in non-dismantled zone. Dimensions 600mmx300mmx250mm. Includes set-back in stone, repair of substrate, provision and intallation of new stone, anchors as well as repointing, cure and quality control.	Unit	25	_____ \$	_____ \$

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
34	Section 040342 Detail no. 3/A-550	Replacement of masonry elements : "flat" facing cut stone of St-Marc limestone (Type no.3) to replace in non-dismantled zone. Dimensions of 450mmx300mmx250mm. Includes set-back in stone, repair of substrate, provision and intallation of new stone, anchors as well as repointing, cure and quality control. See also note 3A in the exterior interventions legend.	Unit	25	_____ \$	_____ \$
35	Section 040342 Detail no. 3/A-550	Replacement of masonry elements : facing cut stone in St-Marc "molded" limestone (Type no.3) to replace in non-dismantled zone. Dimensions of 450mmx300mmx250mm. Includes set-back in stone, repair of substrate, provision and intallation of new stone, anchors as well as repointing, cure and quality control. Works acording to note 3A in the exterior interventions legend.	Unit	25	_____ \$	_____ \$
36	Section040342Section no.4/A-400	Replacement 1 cornice stone : 1 molded cornice stone at top of wall of central building in St-Marc limestone in dismantling zone 6A. Includes purchase, transformation and transport of stone to construction site. All costs relating to activities related to stone installation are covered by dismantling/reassembling operations. See also note 3C in the exterior interventions legend.	Unit	5	_____ \$	_____ \$
37	Section 040342 Section no. A-401	Replacement 1sill stone in stone: 1 molded sill stone of passing windows of central building in St-Marc limestone in dismantling zone 6B. Includes purchase, transformation and transport of stone to construction site. All costs relating to activities related to stone installation are covered by dismantling/reassembling operations. See also note 3C in the exterior interventions legend.	Unit	4	_____ \$	_____ \$

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
38	Section 040343	Replacement of substrate of stone: Restore substrate in stone rubble of 450mm and replace by a substrate of new St-Marc limestone rubble stone . Average dimensions of rubble stones 200x200x200mm. Includes removal and restoration of existing substrate, repair and repointing of residual substrate exposed at 100% ,provision and installation of new rubble stone as well as repointing, curing and quality control.	sq .m.	50	_____ \$	_____ \$
39	Section 040341 Detail no. 5/A550	Average restoration mortar repairs : plan an average dimension of 76mmx76mm x19mm thick. See also note 4 in the exterior interventions legend.	Unit	20	_____ \$	_____ \$
40	Section 040341 Detail no. 5/A550	Small restoration mortar repairs : plan an average dimension of 25mmx25mm x12mm thick. See also note 4 in the exterior interventions legend.	Unit	20	_____ \$	_____ \$
41	Section 040341 Details no. 6 & 8/A-550	Repairs with flat Dutchman large: Plan an average dimension of 200mmx200mmx200mm thick with St-Marc limestone and/or salvaged existing stone. See also note 5 in the exterior interventions legend.	Unit	20	_____ \$	_____ \$
42	Section 040341 Details no. 7 & 8 /A-550	Repairs with flat Dutchman - small : Plan an average dimension of 50mmx50mmx75mm th. with St-Marc limestone and/or salvaged existing stone. See also note 5 in the exterior interventions legend.	Unit	30	_____ \$	_____ \$
43	Section 040341 Details no. 6 & 8/A-550	Repairs with molded Dutchman- large: :Plan an average dimension of 200mmx200mmx200mm thick with St-Marc limestone and/or salvaged existing stone. See also note 5 in the exterior interventions legend.	Unit	20	_____ \$	_____ \$

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
44	Section 040341 Details no. 7 & 8 /A-550	Repairs with molded dutchman-small : plan an average dimension of 50mmx50mmx75mm thick with limestone St-Marc and/or salvaged existing stone. See also note 5 in the exterior interventions legend.	Unit	25	_____ \$	_____ \$
45	Section 040343 Sheets no. A-400 to A409a	Works of dismantling/ reassembling masonry full depth : Dismantle facing stone and demolish stone or brick substrate on full depth. Reconstruct substrate wall and reassemble facing. See also note 6A in the exterior interventions legend.	sq .m.	25	_____ \$	_____ \$
46	Section 040343 Sheets no. A-400 to A409a	Works of dismantling/ reassembling masonry in depth : Dismantle facing stone and demolish stone or brick substrate on full depth. Reconstruct substrate wall and reassemble facing. See also note 6B in the exterior interventions legend.	sq .m.	75	_____ \$	_____ \$
47	Section 040343 Detail 9/A-550	Works of dismantling/ reassembling of facing : Dismantle displaced facing stone and reassemble in line with adjacent stone. Includes repairs on adjacent stones damaged by these works , anchors, repointing, curing and quality control. See also note 6C in the exterior interventions legend.	sq .m.	150	_____ \$	_____ \$
48	Sections 040343 040331	Works of replacement of exterior brick substrate : Demolish brick substrate on additionnal thickness of two rows . Repoint at 100% the exposed existing brick row and recontruct the two demolished brick rows with new red clay brick . See also note note 21 in the exterior interventions legend.	sq .m.	150	_____ \$	_____ \$

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
49	Section04 0519Detail no.4/A- 551	Anchor forType 1 stone: type BL stainless steel anchor 6mm thick by 38mm wide with variable lenght up to 500mm. Anchor is perforated and equipped with a stainless steel threaded dowel of 10mm diameter and 75mm in lenght. Type 1 anchors are used to anchor facing stones to substrate. Stones must be pre-pierced before installation of dowels which are embedded in mortar. See drawings for quantities and locations of type 1 anchors. Provide two type 1 anchors for each of the stones identified as "to anchor" on the drawings.	Unit	150	_____ \$	_____ \$
50	Section 040519	Anchor forType 2A stone: stainless steel clamp 6mm thick by 50mm wide with variable lenght up to 600mm. See drawings for quantities and locations of type 2A anchors. Type 2A anchors are used to anchor coats of arms, jambs of passing windows, sills of passing windows on central Building and large cut stones of turrets as well as other locations indicated in drawings.	Unit	50	_____ \$	_____ \$
51	Section 040519	Anchor forType 2B stone: heavy duty stainless steel clamp 10mm thick by 50mm wide with variable lenght up to 700mm. See drawings for quantities and locations of type 2B anchors. Type 2B anchors are used to anchor cornice stone of Central Building and the two square towers as well as other locations indicated on drawings. Stones must be shaped with slots to receive clamps in the surface of the top of the stones. Provide for 2 clamps per cornice stone.	Unit	20	_____ \$	_____ \$
52	Section 040519	Anchors for Type 3 stone: stainless steel dowel of 10mm diameter by 100mm in lenght except if otherwise indicated on drawings . See drawings for quantities and locations of type 3 anchors. Type 3 anchors are used to connect two stones together at locations indicated on drawings.	Unit	75	_____ \$	_____ \$

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
53	Section 040519 Détail no. 1/A-551	Anchors for Type 4 stone: Type 4 anchors connected to a Cintec anchor. See specifications.	Unit	25	_____ \$	_____ \$
54	Section 040341	Stones to flake off : Remove stone plates exfoliated, unbedded or loose and shape uniformly the surface. Plan a typical surface of 450Xmm x 400mm. See also note D in the exterior interventions legend.	Unit	50	_____ \$	_____ \$
55	Section 040341	Stone to bush hammer : Bush hammer stone surfaces to match finish of adjacent stones such as a bush hammer finish of same size and density. Plan for typical surfaces of 450mm x 400 mm. See also note B in the exterior interventions legend.	Unit	35	_____ \$	_____ \$
56	Section 040341 Détail no. 2/A-551	Anchors to remove : Remove anchor by means of drilling, remove the metal element, install a neoprene joint and insert a stone Dutchman. See also note 12 in the interventions legend.	Unit	75	_____ \$	_____ \$
57	Sections 040331	Burnt wood to replace by brick : Remove burnt wood pieces and nailing backings and rebuild cavities with masonry, new red clay brick. Plan a dimension of 300x300m on two rows of bricks in depth. See also note 13 the interventions legend.	Unit	25	_____ \$	_____ \$
58	Section 041100 See typical details in structure	Cintec type anchors of 2.4 m lenght and 25mm diam. : Furnish and install a new Cintec anchor of 2.4 meters. Remove facing stone, drill holes, install Cintec anchors with integrated connector for stone and reinstall the stone. Redo repointing of surface. See also note 15 in the exterior interventions legend.	Unit	5	_____ \$	_____ \$

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
59	Section 041100 See typical details in structure	Cintec type anchors of 1.2 m in length and 12mm diam. : Furnish and install a new Cintec anchor of 1.2 meters. Remove facing stone, drill hole, install Cintec anchor with integrated connector for stone and reinstall stone. Redo repointing of surface. See also note 15 in the exterior interventions legend.	Unit	7	_____ \$	_____ \$
60	Section 041100 See typical details in structure	Helifix type anchor(helicoidal stainless steel). : Furnish and install a new Helifix type stainless steel helicoidal anchor, of 10mm diameter and 900 mm in length. It is inserted in a mortar joint according to a typical detail in structural documents.	Unit	20	_____ \$	_____ \$
61	Sections 040308 Detail 5 & 6/A-420	Weathercap type lead joint-cover :Furnish and install a new Weathercap lead joint-cover (joint type 5) of 25mm wide and embedded in sealant according to typical details. See also note 18 in the exterior interventions legend.	linear-m.	30	_____ \$	_____ \$
62	Section 040342 Details 3/A-550	Stone to replace and reanchor : Dismantle and reset a stone released from its bed. Restore the substrate before reinstalling the stone and anchoring it. Treatment and scope of works are the same as for the replacement except that the existing stone is salvaged and reinstalled.	Unit	25	_____ \$	_____ \$
63	Section 040341	Spall repairs : .1 Spall repair consists in recuperation of a small piece of stone fragmented or fractured and in its reinstallation at its original place on the damaged stone. Cut any squeeze out of epoxy cement while in the gel stage just prior to hardening. Finish the perimeter of glued piece with a pigmented DHL injection and Shelter Coat.	Unit	175	_____ \$	_____ \$
64	Section 040307 040308 Detail 6/A-551	Surface repointing of brick masonry, interior and/or exterior substrate (25 mm depth) for 1 sq.meter. Type 2 mortar. Includes raking of joints , furnishing and installation of mortar, curing and quality control.	sq .m.	80	_____ \$	_____ \$

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
65	Section 040307 040308 Details 3 & 6/ A-551	Surface repointing of brick masonry, interior and/or exterior facing (25 mm depth) for 1 sq.meter. Type 3 mortar. Includes raking of joints , furnishing and installation of mortar, curing and quality control.	sq .m.	50	_____ \$	_____ \$
66	Section 040307 040308 Details 6 & 8/ A-551	In depth Repointing of cut stone masonry (25 to 250 mm of depth) for 1 lin.m. of stone masonry. Type 2 mortar. Includes raking of joints , furnishing and installation of mortar, curing and quality control.	lin.m.	200	_____ \$	_____ \$
67	Section 040307 040308 Détails 6 & 7/ A-551	In depth Repointing of above-ground bossage finish stone masonry (25 to 250 mm of depth) for 1 lin.m. of stone masonry. Type 2 mortar. Includes raking of joints , furnishing and installation of mortar, curing and quality control.	lin.m.	200	_____ \$	_____ \$
68	Section 040307 040308 Details XX/AXX	In depth Repointing of foundations stone masonry (25 to 250 mm of depth) for 1 lin.m. of stone masonry. Type 2 mortar. Includes raking of joints , furnishing and installation of mortar, curing and quality control.	lin.m.	200	_____ \$	_____ \$
69	Section 040307 040308 Details 6/A-551	Surface repointing pigmented latex modified mortar (25 mm of depth) for 1 lin.m. of stone masonry. Type 5 mortar. Includes raking of joints , furnishing and installation of mortar, curing and quality control.	lin.m.	150	_____ \$	_____ \$
70	Section 040306	TYPE 1A cleaning: Cleaning of black deposits from atmospheric pollution at the surface of stone/brick facings.	sq .m.	40	_____ \$	_____ \$
71	Section 040306	TYPE 1B cleaning: .Cleaning of black deposits from atmospheric pollution on sculpted and molded stone elements.	sq .m.	10	_____ \$	_____ \$
72	Section 040306	TYPE 1C cleaning: Concrete finishing of the saut-de-loup on north façade of the East square tower .	sq .m.	50	_____ \$	_____ \$
73	Section 040306	TYPE 2 cleaning: Removal of asphalt and tar	sq .m.	5	_____ \$	_____ \$

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
74	Section 040306	TYPE 3 cleaning: Removal of paint and/or sealant products	sq .m.	5	_____ \$	_____ \$
75	Section 040306	TYPE 4 cleaning: .Removal of ferrous oxide stains (rust) and d'oxidation of copper (green stains).	sq .m.	5	_____ \$	_____ \$
76	Section 040306	TYPE no.6 cleaning: Removal of efflorescence from stone walls and brick walls.	sq .m.	50	_____ \$	_____ \$
77	Section 040306	TYPE no.10 cleaning: Waterproof / sealant protection	sq .m.	12	_____ \$	_____ \$
PATRIMONIAL PLASTER ANG PARGING WORKS						
78	Section 090351	Cement parging : Remove loose cement parging and redo a new cement parging of 19mm in depth in three coats. See also note 10 in the interventions legend.	sq .m.	12	_____ \$	_____ \$
79	Section 090351	Demolition and restoration of existing historical plaster : Restore carefully plaster coating and cement coating – on brick substrate without damaging masonry. Works according to note 8 in the interior interventions legend.	sq .m.	50	_____ \$	_____ \$
80	Section 090351	Reconstruction of new plaster: repair plaster on brick substrate or on lathing. Includes preparation, plaster installation, curing and quality control. Works according to note 22 in the interior interventions legend.	sq .m.	40	_____ \$	_____ \$
81	Section 090351	Resurfacing of plaster: Includes preparation, plaster installation, curing and quality control. Works according to note 23 in the interior interventions legend.	sq .m.	30	_____ \$	_____ \$
82	Section 090351	Reconstruction of bricks with plaster : Demolition of portion of existing wall, rebuild with new red clay brick masonry and replaster, furnishing and installation of brick including mortar, installation of plaster, curing and quality control Works according to note 24 in the interior interventions legend.	sq .m.	25	_____ \$	_____ \$

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
83	Section 090351	Hole to repair in plaster – small : repair hole in plaster (on brick substrate)25mm diameter and less and up to 25mm in depth. Includes preparation, plaster installation, curing and quality control. Works according to note 25 in the interior interventions legend.	Unit	250	_____ \$	_____ \$
84	Section 090351	Hole to repair in plaster – big : repair hole in plaster (on brick substrate)from25mm to 100mm diameter and up to 25mm in depth. Includes preparation, plaster installation, curing and quality control. Works according to note 26 in the interior interventions legend.	Unit	175	_____ \$	_____ \$
85	Section 040331 090351	Holes in masonry to fill : holes up to 25mm to fill with type 2 mortar. Includes preparation, plaster installation, curing and quality control. Works according to note 28 in the interior interventions legend.	Unit	35	_____ \$	_____ \$
86	Sections 040331 090351	Switch box to remove and fill : Remove existing electrical box . Fill cavity with type 2 mortar and re plaster. Works according to note BI in the interior interventions legend.	Unit	15	_____ \$	_____ \$
PATRIMONIAL ARCHITECTURAL WOODWORKS						
87	Sections 060315 080314 085205	Repair works of fissure – wood doors, frames, transoms, stairs and windows : Repair of a fissure with epoxy flexible and pigmented paste for wood.Average width of fissures to repair is 6mm and more and average lenght is 450mm. Works according to typical details . Includes all related works.	Unit	80	_____ \$	_____ \$

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
88	Sections 060315 080314 085205	Works of reconstruction of molded patch extensions– wood doors, frames, transoms, stairs and windows: Remove damaged or rotten wood up to 25 mm past the last trace of damage or rot. Make a cavity in the existing element in order to insert into it the laminated wood elements. Plan a molded patch extension of 100mmx100mmx25mm Works according to typical details. Includes all related works.	Unit	25	_____ \$	_____ \$
89	Sections 060315 080314 085205	Works of reconstruction of a rotten surface with epoxy paste – wood doors, frames, transoms, stairs and windows : Reconstruction of a rotten surface with epoxy flexible paste (less than 50mm cubic). Remove rotten wood up to sound wood and apply a liquid wood consolidant on the sound wood 25 x 25 x 25 mm. before repairing with epoxy flexible paste.Works according to typical details. Includes all related works.	Unit	10	_____ \$	_____ \$
TOTAL – Extended amount for additionnal quantities (excluding taxes):						_____ \$

TOTAL BID AMOUNT

The total bid amount is established by adding the total amount of Tables 1,2 and 3:

TABLE 1: TOTAL – Lump sum amount (excluding taxes):	_____ \$
TABLE 2: TOTAL – Extended amount (excluding taxes):	_____ \$
TABLE 3: TOTAL – Extended amount for additionnal quantities (excluding taxes):	_____ \$
TOTAL BID AMOUNT (excluding taxes):	_____ \$