

Pilot your project

with the

CBC

method

Contractual

Basis

of **C**onstruction



This document contains :

- Information page
- Space on the cover page header where you can place your logo
- Cover page with client/business and project data
- Example of quote (budget, pages 4 to 5)
- Chronological approach helping you to select the services (pages 6 to 11) which are associated with corresponding numbers to a profession
- A simplified version is available in a box on page 9. It brings together the preliminary phase and the project presented on pages 6 to 8
- List of professions with their CBC numbers, listed on pages 14 to 22

Thanks to our chronological approach from page 4, you will be able to pilot with peace of mind :

- The feasibility of the project
- The variant for the study

You will also be able to :

- Establish a quote (budget) for the study phase
- Establish a quote (budget) for the execution phase
- Carry out and monitor work
- Find the right provider, using the CBC contract links with our search engine “**gerer-construire.ch**”

Advantages of the checklist in CBC format :

- Demonstrate confidence towards stakeholders through appropriate support
- Keep a structured overview in order to follow the project from A to Z
- Promote your work throughout the project
- Save valuable time
- Minimize oversights

Concretely, this document allows you to :

- Determine the project phases
- Find the right contracts using the CBC group classification
- Locate the works to be carried out and determine the element
- Establish the specifications for the choices of principle
- Specify the type of contracts for subsequent sorting; they are classified into 6 categories :
Construction* Supply Installation Management Disbursements Maintenance

Exemples :

- For the *s*upply and *i*nstallation of heating :

C 3310.01 Heating installation

Assigned to company NAME

- For heating *m*aintenance :

Mt 3310.02 Heating installation

Assigned to company NAME

* Supply and installation

USAGE TIPS

- Ideally, it is preferable to have a file of the existing plans or the project carried out by an architect to facilitate the selection of contracts.
- This document is to be used during your first meeting at the project site and/or with the project owner (PO).
- The file can be supplemented with photos and videos. For each video, remember to state the problem and, if possible, the envisaged solution, and, if known, the contract number. This will facilitate research and understanding at the time of calls for tenders.
- For large projects, consider conducting a laser scan to obtain a point cloud. This allows you to have a guided tour and a virtual 3-dimensional basis for measuring everything, without the need to return to the field (contract concerned : M 7420).
- We recommend using the SIA (Society of Engineers and Architects) standards for the services of all project stakeholders.

SUMMARY OF CBCs

0	LAND AND CONNECTIONS	*	p. 14
1	PREPARATORY WORKS	*	p. 14
2	CONSTRUCTION WORKS	*	p. 14
3	INSTALLATIONS	*	p. 17
4	SPECIFIC INSTALLATIONS	*	p. 18
5	EQUIPMENT	*	p. 19
6	FURNISHING AND DECORATION	*	p. 20
7	MANAGEMENT (FEES AND MANAGEMENT EXPENSES)	*	p. 21
8	SECONDARY COSTS	*	p. 22

*The complete list of contracts can be found on version (L)

Gérer & Construire wishes you the complete success of your project!

THE PROJECT IS MANAGED BY

			CUSTOMER / CASE
CLIENT	N° :	NAME :	
		Phone :	Email :
		TYPE :	Private, Public, Institution, Association...
CASE	N° :	NAME :	Name of the condominium, the building, the apartment, the villa...
		TYPE :	Residential, Commercial, Administrative, Service...
PROJECT			
	N° :	NAME :	Kitchen, Apartment, Stairwell, Roof, Envelope, Name of the PPE...
		ADRESS :	
		FURTHER INFORMATION :	Additional address if different, Floor, Occupant...
		TYPE OF BUILDING :	Residential, Commercial, Administrative, Service...
		TYPE OF WORKS :	New construction, Renovation, Transformation, Expansion, Energy improvement, Claim...
		LOCATION :	Kitchen, Apartment, Business, Facade, Envelope...
	FIRE VALUE :	20% OF THE VALUE :	
		For rented apartments, cantonal directive (e.g. for Vaud, amount of work: < 20%, form 53b, > 20%, form 53)	
	PROJECT PERIOD :	Beginning	End
DIRECTOR OF WORKS	NAME:	Function :	Architect, Project Manager...
(DW)	Phone :	Email :	
PROJECT OWNER	Name :	Function :	Owner, Architect...
(PO)	Phone :	Email :	
PROJECT OWNER'S REPRESENTATIVE	Name :	Function :	Architect, Project Manager...
(POR)	Phone :	Email :	
CONCIERGE SERVICES	Name :	Function :	Owner, Tenant, Employee, Business...
	Phone :	Email :	
CONTACT PERSON ON SITE	Name :	Function :	Owner, Tenant, Concierge...
	Phone :	Email :	
ACCESS	Entry code :	Keys at :	
INFORMATION, REMARKS, CONDITIONS			

EXAMPLE OF QUOTE (BUDGET) SORTED BY LOCATION

CLIENT : 0001 Client name

CASE : 0001 Case title

PROJECT : 0001 Project A

By LOCATION

By CBC

COST OF THE WORK		Montant
OVERALL		224'000
7	MANAGEMENT	17'000
70	MASTER OF WORK	8'000
	M 7010 Architect	5'000
	M 7020 Interior designer	1'000
	M 7050 Director of Works (DW)	2'000
72	ENGINEERS	4'000
	M 7210 Civil engineer	2'500
	M 7240 HVAC engineer (heating, ventilation, air conditioning, refrigeration)	1'500
74	SPECIALISTS	5'000
	M 7430 Building physicist (energy balance)	2'000
	M 7432 Asbestos diagnosis	1'500
	M 7436 Fire protection expert	1'500
8	SECONDARY COSTS	5'500
81	AUTHORIZATIONS AND TAXES	2'500
	D 8110 Municipal administration (taxes)	2'500
82	INSURANCE AND GUARANTEES	1'000
	D 8210 Building insurance (works in progress)	500
	D 8220 Fire insurance	500
89	OTHERS	2'000
	D 8920 Site surveillance	1'000
	Mt 8990 Concierge Services	1'000
PLOT : P1		139'500
GROUND		10'000
0	LAND AND CONNECTIONS	10'000
01	COSTS	5'000
	A 0100 Land acquisition	5'000
05	CONNECTIONS	5'000
	C 0510 Connection to the EU/EC network	1'000
	C 0520 Connection to the electricity network	1'000
	C 0530 Telephone, TV, fiber optic connection	1'000
	C 0540 Coaxial connection	1'000
	C 0570 Connection to the drinking water	1'000
BUILDING		85'400
B1 : Mixed building		81'400
ACCOMMODATION		81'400
301 2.5 room apartment		40'100
1	PREPARATORY WORK	300
	C 1320 Demolition	300
2	CONSTRUCTION WORK	30'000
20	STRUCTURAL WORK (BEARING STRUCTURE)	14'000
	C 2010 Concrete, reinforced concrete	6'000
	C 2020 Masonry	5'000
	C 2070 Wood frame	3'000
21	SECOND WORK	16'000
	C 2560 Carpentry	6'000
	C 2750 Paint	3'000
	S 2772 Parquet covering	5'000
	I 2772 Parquet covering	2'000
3	INSTALLATION	9'800
31	ELECTRICITY	800
	C 3010 Electrical Installation	300
	C 3090 ITTO control (electrical installation inspection)	500
35	SANITARY	9'000
	C 3510 Sanitary Installation	9'000

307 Studio 1,0 room		41'300
1	PREPARATORY WORK	300
	C 1320 Demolition	300
2	CONSTRUCTION WORK	30'000
20	BIG WORK (BEARING STRUCTURE)	14'000
	C 2010 Concrete, reinforced concrete	6'000
	C 2020 Masonry	5'000
	C 2070 Wood frame	3'000
21	SECOND WORK	16'000
	C 2560 Carpentry	6'000
	C 2750 Paint	5'000
	S 2772 Parquet covering	3'000
	I 2772 Parquet covering	2'000
3	INSTALLATION	11'000
31	ELECTRICITY	2'000
	C 3010 Electrical Installation	1'500
	C 3090 ITTO control (electrical installation control)	500
35	SANITARY	9'000
	C 3510 Sanitary installation	9'000
B2 : Independent garage		4'000
2	CONSTRUCTION WORK	4'000
20	BIG WORK (BEARING STRUCTURE)	4'000
	C 2010 Concrete, reinforced concrete	4'000
LANDSCAPING		40'100
1	PREPARATORY WORK	300
	C 1320 Demolition	300
2	CONSTRUCTION WORK	30'000
20	BIG WORK (BEARING STRUCTURE)	5'000
	C 2020 Masonry	5'000
21	SECOND WORK	25'000
	C 2900 Landscaper (exterior design)	15'000
	C 2910 Gardener	10'000
3	INSTALLATION	9'800
31	ELECTRICITY	800
	C 3010 Electrical Installation	300
	C 3090 ITTO control (electrical installation control)	500
35	SANITARY	9'000
	C 3510 Sanitary installation	9'000
PLOT : P2		62'000
GROUND		10'000
BUILDING		50'000
LANDSCAPING		2'000

DATE	CHRONOLOGICAL APPROACH : PRELIMINARY STUDY	LINKS
	Yield potential analysis (for rental or sale)	M 7850, 7010
	Analysis for the construction project	M 7010, 7850
ANALYZES		
	Search for contextual data (existing plans, cadastre, regulations, land register, etc.)	M 7010, 7850
	Existing plans (architect, engineers, CVSE, etc.)	
	Parcel (data related to the parcel)	
	Buildings (address, insurance number, etc.)	
	History of completed works (previously granted permits, work in progress, etc.)	
	Development (perimeter of legalized plans, allocations), compliance with boundary distances!	
	Extract from the land register (easements, etc.)	
	Noise sensitivity (if non-existent, investigate into noise sensitivity level)	
	Polluted waters and sites	
	Natural hazards	
	Environment	
	Geology (seismic hazard, geological cadastre, etc.)	
	Heritage (listed buildings, sites, etc.)	
	Safety (hydrating hydrants, drone restrictions, etc.)	
	Soils (nature of the soil...)	
	Current building permits	
	Useful data of neighboring parcels (owners, etc.)	
	Radon (consult the federal radon map)	
	Site visit (photo report, videos, etc.)	M 7010, 7850
	Report on the existing condition (safety element, guardrail, fire extinguisher, etc.)	M 7010, 7851
	Subsidy, prior request for thermal studies and building insulation (federal, cantonal, municipal)	M 7430, 7010, 7850
	Thermal study	M 7430
	CECB (energy performance assessment on a scale of seven classes A to G)	
	CECB Plus (CECB supplemented with an advisory report including three constructive variants to reduce energy consumption)	
	Building thermography (if necessary)	M 7431
	Asbestos diagnosis (for all cases where construction took place before January 1, 1991)	M 7432
	Surveys (ground, constructive elements of the existing), materials analysis report	C ----
	Control on EU, EC, EP separation (separative, retention, infiltration, etc.)	M 7010, 7850
	Report on separation EU, EC	C 1020
	Checking the conformity of the existing PC shelter	M 7010, 7850
	Fee proposal for analysis	M ----
CHOICE OF SERVICES TO ESTABLISH FEES		
	Fee proposal according to the decision of the PO based on the preliminary study	M ----
	Mandate for the preliminary study (analysis included)	
	Mandate for the pre-project study	
	Mandate for the project study	
	Mandate for tendering	
	Mandate for production and execution (DW)	
	Mandate for maintenance	
	Construction and/or renovation cost (budget)	
	VARIANT 1 : Rough estimate quote, \pm 20-30%	M 7010, 7440
	Order of magnitude of costs based on volumes, m3	
	VARIANT 2 : Estimated quote, \pm 10-20%	M 7010
	Sans cahier des charges	
	With summary specifications (choice of construction materials by CBC for design)	
	VARIANT 3 : Quote following call for tender (accuracy \pm 5-10%)	M 7010, 7850
	Precise specifications	
	Choice of construction and finishing materials by CBC for the design	
	Costing	
	With one company per CBC contract established on the based on plans and specifications	
	Multiple companies per CBC contract based on submission(s) to be established	
NOTES		

DATE	CHRONOLOGICAL APPROACH : PROJECT STUDY	LINKS
x	Project study according to the PO's choices	M ----
x	Complete data for the project	M ----
x	Use the support to manage all data (paper or digital)	M ----
PRELIMINARY DRAFT		
Search		
	Survey of the existing (land, building, etc.)	
	Manual	M 7010, 7850, 7420
	2D, 3D, BIM vector	M 7010, 7410, 7420
	A cloud of dots	M 7410, 7420
	Creation of existing plans (2D, 3D, BIM)	M 7010
	Analysis of the project owner's intentions (PO)	M 7010, 7850
	Evaluation of the possibilities of realization according to the criteria of the preliminary study	M 7010, 7850
	Calculations of volumes and/or surfaces	M 7010
	Search for one or more parties (in the form of conceptual variants)	M 7010
Rough cost estimate (VARIANT 1)		
	Order of magnitude of costs based on volumes	M 7010
	Validation by the PO	M 7820, 7825
Preliminary project file		
	Studies by relevant managers according to the chosen option	
	Architect	M 7010
	Civil engineer	M 7210
	Other engineers	M 72--
	Preliminary project plans (1/200, 1/100, without details) or existing	M 7010
	Fire concept (form and plans for the investigation)	M 7010, 7436
	Radon diagnosis (if necessary)	M 7434
	Seismic study (according to cantonal rules)	M 7210
Cost estimate (VARIANT 2)		
	Cost estimation based on volumes and surfaces	M 7010, 7440
	General planning to define deadlines	M 7010, 7850
	Validation by the PO of the preliminary project phase with the choosen options	M 7820, 7825

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DATE	CHRONOLOGICAL APPROACH : PROJECT STUDY	LINKS
	PROJET	
	Project of the work	
	Taking into account the requirements of specialists and engineers	M 7010, 7850
	Selection of constructive principles, techniques, materials and finishes with the PO by location and by elements (simultaneously establishing the list of relevant stakeholders, by CBC)	M 7010, 7850
	Final project plan file required for the building permit application	M 7010
	Preliminary contact with administrative authorities to obtain favorable notices	M 7010, 7850
	Contact with immediate neighbors to present the project (if necessary)	M 7010, 7850
	Conceptual variants for obtaining subsidies (cantonal, municipal)	M 7010, 7430
	Write minutes of comments following various contacts	M 7010, 7850
	Update of the plan file according to requests and/or comments from various contacts	M 7010
	Detailed studies	
	Details necessary for cost determination	M 7010
	Quote (budget)	
	Taking into account subsidies according to the variant(s) selected for the project	M 7010, 7850
	Original quote with measurements and indicative prices by CBC classification 1, 2, 4 digits	M 7010, 7850
	Deadlines, schedule update	M 7010, 7850
	Validation by the PO of the project phase	M 7820, 7825
	PROCEDURE FOR REQUESTING AUTHORIZATION FROM PUBLIC AUTHORITIES	
	Preparation of all necessary documents	
	Building permit application form	M 7010
	Surveyor's plan	M 7410
	Architect's plan file	M 7010
	Forms, files (energy proof, asbestos, fire protection, assets...)	M 74--, C 3---

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DATE	CHRONOLOGICAL APPROACH : PRELIMINARY STUDY	(SIMPLIED)	LINKS
	ANALYSEN		
	Search for contextual data (existing plans, cadastre, regulations, land register, etc.)	M 7010, 7850	
	History of completed works (previously granted permits, work in progress, etc.)	M 7010, 7850	
	Site visit (photo report, videos, etc.)	M 7010, 7850	
	Subsidy, prior request for thermal studies and building insulation (federal, cantonal, municipal)	M 7430, 7010, 7850	
	Thermal study	M 7430	
	CECB (energy performance assessment on a scale of seven classes A to G)		
	CECB Plus (CECB supplemented with an advisory report including three constructive variants to reduce energy consumption)		
	Asbestos diagnosis (for all cases where construction took place before January 1, 1991)	M 7432	
	Control on EU, EC, EP separation (separative, retention, infiltration, etc.)	M 7010, 7850	
	CHOICE OF SERVICES TO ESTABLISH FEES		
	Fee proposal according to the decision of the PO based on the preliminary study	M ----	
	Mandate for the preliminary study (analysis included)		
	Mandate for the pre-project study		
	Mandate for the project study		
	Mandate for tendering		
	Mandate for production and execution (DW)		
	Mandate for maintenance		
DATE	CHRONOLOGICAL PROCESS: PROJECT STUDY		LIENS
x	Project study according to the PO's choices	M ----	
x	Complete data for the project	M ----	
x	Use the support to manage all data (paper or digital)	M ----	
	PRELIMINARY DRAFT		
	Suche nach Parteien		
	Survey of the existing (land, building, etc.)	M 7010, 7850, 7420	
	Creation of existing plans (2D, 3D, BIM)	M 7010	
	Rough cost estimate (VARIANT 1)		
	Order of magnitude of costs based on volumes	M 7010	
	Validation by the PO	M 7820, 7825	
	Preliminary project file		
	Studies by relevant managers according to the chosen option		
	Architect	M 7010	
	Civil engineer	M 7210	
	Other engineers	M 72--	
	Preliminary project plans (1/200, 1/100, without details) or existing	M 7010	
	Fire concept (form and plans for the investigation)	M 7010, 7436	
	Radon diagnosis (if necessary)	M 7434	
	Seismic study (according to cantonal rules)	M 7210	
	Cost estimate (VARIANT 2)		
	Cost estimation based on volumes and surfaces	M 7010, 7440	
	General planning to define deadlines	M 7010, 7850	
	Validation by the PO of the preliminary project phase with the chosen options	M 7820, 7825	
	PROJET		
	Project of the work		
	Taking into account the requirements of specialists and engineers	M 7010, 7850	
	Selection of constructive principles, techniques, materials and finishes with the PO by location and by elements (simultaneously establishing the list of relevant stakeholders, by CBC)	M 7010, 7850	
	Final project plan file required for the building permit application	M 7010	
	Preliminary contact with administrative authorities to obtain favorable notices	M 7010, 7850	
	Contact with immediate neighbors to present the project (if necessary)	M 7010, 7850	
	Update of the plan file according to requests and/or comments from various contacts	M 7010	
	Quote (budget)		
	Taking into account subsidies according to the variant(s) selected for the project	M 7010, 7850	
	Original quote with measurements and indicative prices by CBC classification 1, 2, 4 digits	M 7010, 7850	
	Deadlines, schedule update	M 7010, 7850	
	Validation by the PO of the project phase	M 7820, 7825	
	PROCEDURE FOR REQUESTING AUTHORIZATION FROM PUBLIC AUTHORITIES		
	Preparation of all necessary documents		
	Building permit application form	M 7010	
	Surveyor's plan	M 7410	
	Architect's plan file	M 7010	
	Forms, files (energy proof, asbestos, fire protection, assets...)	M 74--, C 3---	

DATE	CHRONOLOGICAL APPROACH: CALL FOR TENDER	LINKS
	CALL FOR TENDERS PROCESS TO DEFINE THE BUDGET	
	Tender plans	
	Execution file necessary for the call for tenders (plans, sections, facades, details, sketches, etc.)	M 7010
	Calls for tenders (including sketches, plans, photos, etc.)	
	Request a site visit from the owner, tenant, etc.	M
	Use or establish the list of speakers desired by CBC	M 7010, 7850
	List provided by the manager	
	List provided by the PO	
	Public call for tenders (if necessary according to criteria predefined by the authorities)	
	Definition of selection criteria with their weights for the public tender	M 7010
	Site visit with all stakeholders to present the project constraints	M 7010, 7050, 7850
	Request for bids	M 7010, 7850
	Orally communicated information	
	Through a concise specification document (purchase order, plan dossier...)	
	Through submissions based on offers returned by companies (with their agreement)	
	Through submissions based on a detailed specification	
	Establish a control table for the requests for bids	M 7010, 7850
	Award phase (VARIANT 3)	
	Determination of the cost of the work	
	Control of returned bids	M 7010, 7850
	Comparative tables with reference to the quote based on predefined selection criteria	M 7010, 7850
	Proposal for award to the PO	M 7010, 7850
	Revision of the cost of the work based on the selected bids	M 7010, 7850
	Provisional overall schedule based on input from stakeholders	M 7010, 7850
	List of selected stakeholders with corrected amounts	M 7010, 7850
	Creation of a document for cost control, with reference to the quote (original, amendments, revised) and the cost of work based on the bids received	M 7010, 7850
	Request for funding according to the original quote or revised estimate based on the choices of stakeholders	M 7010, 7850
	Funding denied by the PO	M 7820, 7825
	Funding accepted by the PO	M 7820, 7825
	Award of selected companies	
	Request for documents from stakeholders for the award (commercial register, debt collection office, payment of social charges, liability insurance, etc.)	M 7010, 7850
	Request for contractual guarantees and confirmation of payment conditions	M 7010, 7850
	Award letters to the selected stakeholders	M 7010, 7850
	Thank you letters to the stakeholders not selected	M 7010, 7850

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DATE	CHRONOLOGICAL APPROACH: EXECUTION	LINKS
	EXECUTION PROJECT	
	Execution plans	
	Execution file (1/50, 1/20..., with details)	M 7010, 72--
	Company contracts	
	by purchase order	M 7850
	by contract	M 7010, 7850
	EXECUTION OF THE WORK	
	Architectural direction	
	Supervision and control of the architectural concept	M 7010, 7040
	Presentation of samples, materials and finishes proposed by CBC for validation by the PO (color, appearance, implementation technique, etc.), minutes of PO's choices	M 7010, 7850
	Director of works	
	Obtain the building permit and take into account the comments before starting the works	M 7010, 7050, 7850
	Request authorization for the construction site sign	M 7010, 7050, 7850
	Execution of the construction site sign	M 1080
	Exterior construction site layout plan (access, fences, scaffolding, crane, truck cane location, toilets, power supplies, containers, use of the public domain, delivery, on-site safety, etc.)	M 7010, 7050, 7850
	Interior construction site installation (access, toilets, protection, power supplies, storage rooms, changing rooms, on-site safety, etc.)	C ----
	Availability of the asbestos report	C ----
	Request for public domain occupation	M 7010, 7050, 7850
	Notify the municipality of the start date of the construction site	M 7010, 7050, 7850
	Notify the municipality for the control of predefined stages according to the progress of the construction site (building layout, connections, insulation, samples, etc.)	M 7010, 7050, 7850
	Final works schedule considering order lead times	M 7010, 7050, 7850
	Notice of works for residents	M 7010, 7050, 7850
	Construction management (coordination and monitoring according to the CBC contracts selected, minutes, planning, additional offers, etc.)	M 7010, 7050, 7850
	Marking the finished meter	C ----
	Amendment proposal for validation by the PO	M 7010, 7050, 7850
	Taking photos and videos during the works (possibly laser scans, point clouds, etc.)	M 7010, 7050, 7850
	Cost control	
	Monitoring of cost control, reference to the quote (original, amendments, revised) and the cost of the work based on contracts and amendments	M 7010, 7050, 7850
	COMMISSIONING, COMPLETION	
	Commissioning	
	Report of detection and elimination of defects	M 7010, 7050, 7850
	Reception of works by contractors	M 7010, 7050, 7850
	Resident permit	M 7010, 7050, 7850
	Handover of the works to the PO	M 7010, 7050, 7850
	Documentation of the work	
	Revised documentation from the architect, engineers and specialists	M 7010, 7---
	Operations and maintenance documentation from contractors and suppliers	C ----, S ----
	Administrative file	
	Check and respond to all requests included in the building permit	M 7010, 7040
	Warranty protection management	
	Collection and control of guarantee certificates	M 7010, 7050, 7850
	Monitoring of works during the warranty period (2 years)	M 7010, 7050, 7850
	Monitoring of works during the warranty period (5 years)	M 7010, 7050, 7850
	Monitoring of latent defects works (10 years)	M 7010, 7050, 7850
	Warranty expiration, verification before archiving	M 7010, 7050, 7850
	Final account	
	Final account (works, fees)	M 7010, 7050, 7850
	MAINTENANCE	
	Creation of maintenance contracts (Mt)	M 7010, 7050, 7850
	Costs (monthly, annual)	M 7010, 7050, 7850
	TO ARCHIVE	
	Archived	M 7010, 7050, 7850

0 LAND AND CONNECTIONS		LOCATION, ELEMENTS, SPECIFICATIONS
1 PREPARATORY WORK		LOCATION, ELEMENTS, SPECIFICATIONS
D 1010	Civil engineering works	
C 1020	Inspection and report on the condition of pipes (heating, ventilation, EP, EU, EC)	
C 1022	Sanitation of exterior pipes (EU, EC), cleaning	
C 1024	Sanitation of internal pipes (heating, ventilation, EP, EU, EC)	
C 1070	Construction site sign	
C 1090	Mobile construction site toilets (rental)	
C 1110	Drying out of the building	
C 1120	Disinfection (disinfestation, rodent control)	
C 1130	Moving	
C 1200	Fixed and mobile scaffolding	
C 1300	Asbestos removal works (according to report G7432)	
C 1320	Heavy demolition (load-bearing element, structural work)	
C 1340	Sawing and coring	
C 1500	Earthworks	
2 CONSTRUCTION WORKS		LOCATION, ELEMENTS, SPECIFICATIONS
20 BIG WORK (BEARING STRUCTURE)		
C 2000	General Enterprise	
C 2010	Concrete, reinforced concrete	
C 2020	Masonry	
C 2050	Metal structure	
C 2070	Wooden framework	
21 SECOND WORK		
C 2115	Liquid waterproofing of surfaces (resin)	
C 2119	Special sealing (electro-osmosis, by injection, resin, etc.)	
C 2120	Thermal insulation (buried part)	
C 2130	Roof window (snuff box)	
C 2135	Roof dome	
C 2140	Thermal insulation (flat roof, terrace and balcony)	
C 2150	Bituminous waterproofing (flat roof, terrace and balcony)	

21 SECOND WORK	
C 2170	Tinsmithing
C 2180	Roofer
C 2202	Window, French window (PVC)
C 2204	Window, French window (wood)
C 2205	Window, French window (wood-metal)
C 2206	Window, French window (metal)
C 2210	Large glazed element (frameless glazing)
C 2252	Exterior door (PVC)
C 2254	Exterior door (wood)
C 2256	Exterior door (metal)
C 2270	Garage door
C 2290	Portal
C 2320	Rendered (Inside Outside)
C 2340	Plastered thermal insulation (outside)
C 2360	Ventilated facade
C 2400	Exterior shutter
C 2420	Exterior roller shutter
C 2440	Exterior slatted blind
C 2450	Exterior canvas awning
C 2500	Metal works (lockwork, balustrade, safety protections, etc.)
C 2520	Physical cylinder (layout plan)
C 2540	Interior door (drink)
C 2541	Interior fire door (drink)
C 2560	Carpentry
C 2600	Plastering
C 2635	Fire shutter
C 2650	Pipe insulation
C 2700	Cement screed

21 SECOND WORK	
C 2750	Paint
C 2758	Enameling of sanitary ware and others
C 2760	Tiled and earthenware covering
C 2770	Wooden cladding, panel
C 2772	Parquet covering
C 2776	Linoleum covering
C 2780	Carpet covering
C 2810	Laminate covering
C 2812	Vinyl covering
C 2820	Seamless coating, epoxy resin, polyurethane
C 2822	Seamless coating, waxed concrete
C 2824	Seamless coating, bonded aggregates
C 2830	Stretched canvas covering
C 2880	Building cleaning
C 2900	Landscaper (landscaping)
C 2910	Gardener
C 2950	Siding (wood, PVC, fiber...)
C 2980	Bituminous coating
C 2988	Signage, ground markings

3 INSTALLATIONS		LOCATION, ELEMENTS, SPECIFICATIONS
30 ELECTRICITY		
C 3010	Electrical Installation	
C 3050	Telecommunication	
C 3055	Computer network	
C 3090	ITTO control (checking the electrical installation)	
C 3100	Building automation installation (Automation)	
C 3105	Electronic locking system	
C 3120	Installation of photovoltaic panels	
C 3140	Installation of electric vehicle charging stations	
32 HVAC (HEATING, VENTILATION, AIR CONDITIONING, REFRIGERATION)		
C 3310	Heating installation	
C 3318	Installation of counting system (distribution of heating and water costs)	
C 3350	Installation of thermal panels	
C 3410	Ventilation installation	
35 SANITARY		
C 3510	Health facility	
C 3540	Drinking water treatment	
C 3610	Gas installation	
37 KITCHEN		
C 3710	Kitchen layout	
38 TRANSPORT FACILITIES		
C 3810	Elevator	
C 3820	Load and service elevator	
C 3840	Transportation system for the disabled	
C 3850	Goods elevator, lifting platform	
39 OTHERS		
C 3910	Bathroom layout	
C 3920	Dressing room layout, wardrobe	
C 3960	Conceptual staircase in mixed materials (wood, metal, glass, etc.)	
C 3962	Conceptual staircase (wood)	
C 3964	Conceptual staircase (metal)	

4	SPECIFIC INSTALLATIONS	LOCATION, ELEMENTS, SPECIFICATIONS
41	FIRE PROTECTION	
C 4110	Smoke outlet	
C 4120	Fire detection device	
C 4130	Fire safety signage	
C 4150	Water extinguishing installation (sprinkler)	
42	SECURITY	
C 4210	Security device (camera, alarm...)	
44	FIREPLACES, STOVES, OVENS	
C 4400	Smoke pipe	
C 4410	Wood fireplace	
C 4420	Ambient fireplace (non-heating, 3d water vapor)	
C 4430	Wood stove	
45	WELL-BEING	
C 4510	Pool	
C 4520	Jacuzzi	
C 4530	Spa	
C 4540	Sauna	
C 4550	Hammam	
47	MULTIMEDIA	
C 4710	Multimedia device	
48	PROJECTION AND SOUND	
C 4810	Sound system	
C 4820	Movie theater	
C 4830	Conference room	
C 4840	Stage lighting	
C 4850	Stage equipment	
C 4880	Projection of images against facades	
49	OTHERS	
C 4910		

5 EQUIPMENT		LOCATION, ELEMENTS, SPECIFICATIONS
50 BUILDING		
C 5010	Home appliance	
C 5020	Extinguisher	
C 5030	Centralized vacuum cleaner	
C 5050	Equipment for vehicle, bicycle	
C 5099	PC Shelter Equipment	
55 LANDSCAPING		
C 5510	Automatic watering	
C 5520	Robotic garden equipment	
C 5550	Shade sail	
C 5560	Pergola	
C 5590	Playground (outside)	
59 OTHERS		
C 5910		

6 FURNISHING AND DECORATION		LOCATION, ELEMENTS, SPECIFICATIONS
60 FLUENT		
C 6010	Moving furniture (existing furniture)	
C 6030	Cabinetmaker	
C 6040	Lamp	
C 6050	Orientation signage (location, traffic path, etc.)	
C 6055	Advertising signage (illuminated sign)	
C 6070	Interior blind	
C 6075	Decorative textile (curtains)	
C 6078	Mosquito net	
C 6350	Garden furniture	
C 6370	Beach umbrella	
65 SPECIFIC		
C 6510	Administration furniture	
C 6520	Teaching furniture	
C 6525	Classroom furniture	
C 6530	Cafeteria furniture, restaurant	
C 6550	Furniture, cabin, space (phonic, soundproof)	
68 WORKS OF ART		
C 6810	Fixed artwork	
C 6820	Traveling work of art	
69 OTHERS		
C 6910		

7 MANAGEMENT (FEES AND MANAGEMENT EXPENSES)	LOCATION, ELEMENTS, SPECIFICATIONS
70 MASTER OF WORK	
M 7000 Total Enterprise	
M 7010 Architect	
M 7020 Interior designer	
M 7030 Landscape architect	
M 7050 Director of works (DW)	
72 ENGINEERS	
M 7210 Civil engineer	
M 7220 Electrical Engineer	
M 7229 Lighting concept engineer	
M 7240 HVAC engineer (heating, ventilation, air conditioning, refrigeration)	
M 7250 Building envelope engineer	
M 7260 Sanitary engineer	
M 7280 Engineer in technical building management	
M 7290 Acoustics engineer	
74 SPECIALISTS	
M 7410 Surveyor	
M 7430 Building physicist (energy balance)	
M 7431 Building thermography	
M 7432 Asbestos diagnosis	
M 7434 Radon diagnosis	
M 7436 Fire protection expert	
M 7438 Expert in safety concepts on the construction site	
M 7450 Geologist	
78 PRINCIPALS	
M 7810 Owner	
M 7820 Project owner (PO)	
M 7825 Project owner's representative (POR)	
M 7850 Management, real estate management	
M 7855 PPE Administrator	

8	SECONDARY COSTS	LOCATION, ELEMENTS, SPECIFICATIONS
81 AUTHORIZATIONS AND TAXES		
D 8110	Municipal administration (taxes)	
D 8150	Cantonal administration (taxes)	
D 8160	Cantonal administration (taxes)	
82 INSURANCE AND GUARANTEES		
D 8210	Building insurance (works in progress)	
D 8220	Fire insurance	
D 8260	Guarantees	
84 BANK FEES AND CAPITAL FEES		
D 8410	Banking institution, financing and interests	
85 CATERING, PUBLIC RELATIONS, COMPENSATION		
D 8510	Catering expenses (bunch...)	
86 COMMISSIONING		
D 8610	Commissioning of the work	
87 RENT SALE		
D 8710	Commission on first rental	
D 8720	Commission on sale	
88 OPERATING RESULTS		
D 8810	Exploitation charges	
D 8820	Operating revenue	
89 OTHERS		
D 8930	Real estate agency - Broker	
Mt 8990	Concierge Services	
Mt 8998	Chimney sweep	

0 cm

5 cm

10 cm

15 cm

20 cm

25 cm