

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 31

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*ain *t*enance :

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

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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
A 0100 Land acquisition	
B 0510 Connection to the EU/EC network	
B 0520 Connection to the electrical network	
B 0530 Telephone, TV, fiber optic connection	
B 0540 Coaxial connection	
B 0560 Connection to remote heating	
B 0565 Connection to an air conditioning network	
B 0570 Connection to the drinking water	
B 0572 Connection to the gas network	
B 0590 Accessory works, telecommunications cabling	

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 1080 Temporary container (site office, temporary premises, etc.)	
C 1090 Mobile construction site toilets (rental)	
C 1095 Mobile heating (rental)	
S 1098 Machinery, construction equipment (rent sale)	
C 1110 Drying out of the building	
C 1120 Disinfection (disinfestation, rodent control)	
C 1130 Moving	
C 1140 Storage facility	
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 1325 Light demolition (non-load-bearing element, secondary work)	
C 1340 Sawing and coring	
C 1360 Sandblasting, abrasive blasting, paint stripping	
C 1370 Gravel pit, quarry	
C 1380 Transportation of materials	
C 1390 Skip (for sorting and evacuation)	
C 1394 Landfill	
C 1396 Specific materials landfill	
C 1399 Waste disposal site	
C 1400 High pressure cleaning and washing	
C 1500 Earthworks	
C 1520 Drilling (geothermal energy, pile, anchoring)	
C 1540 Special works (foundation, structural reinforcement, etc.)	
C 1560 Underwater works	
C 1565 Lake works	
C 1600 Lifting equipment	
C 1650 Crane	

2	CONSTRUCTION WORKS	LOCATION, ELEMENTS, SPECIFICATIONS
20	BIG WORK (BEARING STRUCTURE)	
C 2000	General Enterprise	
C 2010	Concrete, reinforced concrete	
C 2015	Formwork for reinforced concrete	
C 2016	Reinforcement for reinforced concrete	
C 2020	Masonry	
C 2030	Prefabricated concrete element	
C 2040	Stonecutter	
C 2050	Metal structure	
C 2059	Specialized welder	
C 2070	Wooden framework	
21	SECOND WORK	
C 2110	Bituminous waterproofing (buried part)	
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)	
C 2155	Synthetic waterproofing (flat roof, terrace and balcony)	
C 2170	Tinsmithing	
C 2180	Roofer	
C 2185	Roof greening	
C 2200	Window, French window	
C 2202	Window, French window (PVC)	
C 2203	Window, French window (PVC-metal)	
C 2204	Window, French window (wood)	
C 2205	Window, French window (wood-metal)	
C 2206	Window, French window (metal)	
C 2207	Window, fixed fire-rated patio door (wood)	
C 2209	Window, fixed fire-rated patio door (metal)	
C 2210	Large glazed element (frameless glazing)	

21 SECOND WORK	
C 2250	Exterior door
C 2251	Exterior fire door
C 2252	Exterior door (PVC)
C 2253	Exterior door (PVC-metal)
C 2254	Exterior door (wood)
C 2255	Exterior door (wood-metal)
C 2256	Exterior door (metal)
C 2260	Automatic door
C 2270	Garage door
C 2280	Industrial door
C 2290	Portal
C 2300	Wood treatment (outside)
C 2320	Rendered (Inside Outside)
C 2340	Plastered thermal insulation (outside)
C 2350	Prefabricated lightweight facade construction
C 2360	Ventilated facade
C 2362	Ventilated facade (rendered)
C 2364	Ventilated facade (metallic)
C 2366	Ventilated facade (wood)
C 2370	Ventilated facade (natural stone)
C 2371	Ventilated facade (artificial stone)
C 2372	Ventilated facade (terracotta ceramic)
C 2374	Ventilated facade (fibre-reinforced concrete)
C 2376	Ventilated facade (fiber cement)
C 2378	Ventilated facade (composite panel)
C 2380	Ventilated facade (laminated panel)
C 2381	Ventilated facade (polycarbonate)
C 2384	Ventilated facade (photovoltaic panel)
C 2386	Ventilated facade (light diode panel)
C 2390	Facade greening

21 SECOND WORK	
C 2400	Exterior shutter
C 2420	Exterior roller shutter
C 2440	Exterior slatted blind
C 2450	Exterior canvas awning
C 2460	Sunshades, fencing (wood, metal)
C 2490	Safety closure (roller shutter, grille, curtain, etc.)
C 2500	Metal works (lockwork, balustrade, safety protections, etc.)
C 2505	Metal panel (cutting, engraving, etc.)
S 2509	Metal processing (template coating, zinc plating, anodizing, chrome plating, etc.)
C 2510	Forged metalwork
C 2520	Physical cylinder (layout plan)
C 2530	Glazing, mirror making
C 2535	Plexiglass (acrylic glass, polycarbonate, PVC, PETG, etc.)
C 2538	Special interior glazing
C 2540	Interior door (drink)
C 2541	Interior fire door (drink)
C 2542	Interior door (metal)
C 2543	Interior fire door (metal)
C 2544	Interior door (glass)
C 2548	Interior door (PVC)
C 2549	Reinforced door
C 2560	Carpentry
C 2570	Removable partition
C 2575	Mobile partition
C 2580	Fixed partition (prefabricated)
C 2600	Plastering
C 2604	Projected plastering (gypsum, machine plaster)
C 2608	Staff (cornice, molding, rosette)
C 2610	Rigid suspended ceiling
C 2620	Acoustic element (phonic)
C 2630	Fire protection element
C 2635	Fire shutter

21 SECOND WORK	
C 2650	Pipe insulation
C 2654	Insulation by flocking injection
C 2656	Projected expansive insulation
C 2700	Cement screed
C 2702	Liquid screed
C 2703	Exposed screed
C 2704	Dry screed
C 2708	False technical floor
C 2750	Paint
C 2757	Artistic painting (decoration)
C 2758	Enameling of sanitary ware and others
C 2760	Tiled and earthenware covering
C 2762	Natural and artificial stone cladding
C 2770	Wooden cladding, panel
C 2772	Parquet covering
C 2776	Linoleum covering
C 2779	Cork 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 2840	Special textile and decorative covering
C 2848	Fire-rated coating (paint, putty, etc.)
C 2880	Building cleaning
C 2885	Cleaning of facades

21 SECOND WORK	
C 2900 Landscaper (landscaping)	
C 2910 Gardener	
S 2915 Horticulturist	
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 3080	Public lighting	
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 3125	Emergency generator	
C 3130	Energy storage system (battery, accumulator)	
C 3140	Installation of electric vehicle charging stations	
C 3160	Automatic parking system	
32	HVAC (HEATING, VENTILATION, AIR CONDITIONING, REFRIGERATION)	
C 3210	HVACR-Anlage	
C 3310	Heating installation	
C 3318	Installation of counting system (distribution of heating and water costs)	
C 3320	Heat pump (aerothermal)	
C 3322	Heat pump (geothermal)	
C 3324	Heat pump (hydrothermal)	
C 3330	Wood boiler (wood, pellets...)	
C 3332	Gas boiler	
C 3334	Oil boiler	
S 3340	Radiator, towel dryer (electric, combined)	
C 3350	Installation of thermal panels	
C 3410	Ventilation installation	
C 3450	Air conditioning installation	
C 3460	Refrigeration installation	
C 3490	PC shelter ventilation installation	

35 SANITARY	
C 3510 Health facility	
C 3520 Bathroom wall	
C 3540 Drinking water treatment	
C 3590 Wastewater treatment plant (EU)	
C 3610 Gas installation	
37 KITCHEN	
C 3710 Kitchen layout	
C 3720 Professional kitchen layout	
C 3722 Thermal kitchen appliance	
C 3724 Kitchen machine	
C 3726 Mobile kitchen device	
38 TRANSPORT FACILITIES	
C 3810 Elevator	
C 3820 Load and service elevator	
C 3830 Special elevator	
C 3840 Transportation system for the disabled	
C 3850 Goods elevator, lifting platform	
C 3860 Stairs and moving walkway	
C 3870 Handling facility (overhead cranes for transferring heavy loads)	
C 3880 Installation of the facade cleaning system	
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)	
C 3966 Conceptual staircase (glass)	

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)	
C 4160	Dry extinguishing installation	
S 4190	Extinguishing product	
42	SECURITY	
C 4210	Security device (camera, alarm...)	
C 4250	Security lock	
C 4260	Safe-deposit box	
C 4265	Vault	
44	FIREPLACES, STOVES, OVENS	
C 4400	Smoke pipe	
C 4410	Wood fireplace	
C 4414	Gaz fireplace	
C 4418	Fireplace insert	
C 4420	Ambient fireplace (non-heating, 3d water vapor)	
C 4422	Ambient fireplace (non-heating, bioethanol)	
C 4426	Ambient fireplace (non-heating, electric)	
C 4430	Wood stove	
C 4432	Pellet stove	
C 4434	Hybrid stove (wood, pellet)	
C 4450	Oven (pizza, bread...)	
C 4460	Fireplace, stove, oven (outside)	
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 5090	Game room (interior)	
C 5092	Gym (interior)	
C 5094	Locker room equipment, shelf	
C 5096	Gymnastics apparatus (interior)	
C 5098	Fitness equipment	
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)	
C 5592	Sports place (outside)	
C 5596	Gymnastics apparatus (outside)	
59 OTHERS		
C 5910		

6 FURNISHING AND DECORATION		LOCATION, ELEMENTS, SPECIFICATIONS
60 FLUENT		
C 6010	Moving furniture (existing furniture)	
C 6020	Current furniture	
C 6030	Cabinetmaker	
C 6040	Lamp	
C 6050	Orientation signage (location, traffic path, etc.)	
C 6052	Advertising signage (window, vehicle, banner, etc.)	
C 6055	Advertising signage (illuminated sign)	
C 6058	Advertising signage (personalized object)	
C 6059	Advertising signage (customized textile)	
S 6060	Maintenance equipment	
S 6062	Miscellaneous equipment	
C 6070	Interior blind	
C 6075	Decorative textile (curtains)	
C 6078	Mosquito net	
C 6310	Equipment, machine	
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 6540	Special furniture	
C 6550	Furniture, cabin, space (phonic, soundproof)	
C 6560	Small inventory	
C 6570	Hardware	
C 6580	Teaching materials	
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 7040	Architectural direction (AD)	
M 7050	Director of works (DW)	
M 7090	Town planning office	
72	ENGINEERS	
M 7210	Civil engineer	
M 7220	Electrical Engineer	
M 7222	Electrical Engineer (strong current)	
M 7224	Electrical Engineer (computer science)	
M 7226	Electrical Engineer (low current)	
M 7229	Lighting concept engineer	
M 7240	HVAC engineer (heating, ventilation, air conditioning, refrigeration)	
M 7242	Heating engineer	
M 7244	Ventilation engineer	
M 7246	Air conditioning engineer	
M 7248	Natural ventilation engineer	
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 7420	Laser survey (A cloud of dots)
M 7425	Creation of existing plans (by point cloud)
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 7440	Construction economist
M 7442	Expertise office
M 7450	Geologist
M 7451	Geotechnical engineer
M 7452	Archaeologist
M 7454	Historian
M 7456	Specialized expert
M 7457	Bakery and confectionery technical advice
M 7458	Colorist
M 7460	Heritage restorer
M 7462	Geobiologist, geobiologist
78 PRINCIPALS	
M 7810	Owner
M 7820	Project owner (PO)
M 7825	Project owner's representative (POR)
M 7830	Competition jury
M 7850	Management, real estate management
M 7855	PPE Administrator
M 7860	Notary
M 7862	Lawyer
M 7864	Accountant
M 7866	Trustee
M 7890	Exchange platform provider (for designers)
79 MANAGEMENT COSTS	
D 7910	Printing (reproduction of documents, flyers, business cards, etc.)
D 7940	Model maker
D 7960	Photographer, videographer

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	
D 8270	Guarantee refunds	
84 BANK FEES AND CAPITAL FEES		
D 8410	Banking institution, financing and interests	
D 8420	Commission fees for acquisition	
D 8450	Field Capital Fees	
D 8452	Capital costs on realization	
85 CATERING, PUBLIC RELATIONS, COMPENSATION		
D 8510	Catering expenses (bunch...)	
D 8515	Equipment for events (tent, table, sound system, etc.)	
D 8520	Public relations	
D 8530	Compensation	
86 COMMISSIONING		
D 8610	Commissioning of the work	
87 RENT SALE		
D 8710	Commission on first rental	
D 8712	Additional costs relating to the first rental	
D 8720	Commission on sale	
D 8722	Accessory costs relating to the sale	
88 OPERATING RESULTS		
D 8810	Exploitation charges	
D 8820	Operating revenue	

89 OTHERS	
D 8910	Third party compensation
D 8920	Site monitoring
D 8930	Real estate agency - Broker
D 8940	Graphic designer
D 8945	Press (insertions and announcements)
D 8949	Communication and marketing agency (internet visual, paper, etc.)
D 8950	Rental to third parties
Mt 8990	Concierge Services
Mt 8994	Security service
Mt 8998	Chimney sweep

0 cm

5 cm

10 cm

15 cm

20 cm

25 cm