



SPECIFICATIONS OF SPECIAL TECHNICAL CLAUSES
CCTP



OFFICES – SSNIT PENSION TOWER – 3rd FLOOR
TEC



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Special Technical Clauses

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I. FINISHING WORK

1. GENERAL

1.1 Introduction

The purpose of this Special Technical Clause is to provide a description of the materials and the methods of execution that should allow the realization, according to the rules of the art, of the development work of the offices of Expertise France located in the central business district (CBD) of Tamale, **on the 3rd floor of the SSNIT Pension Tower, Tamale, GHANA**. It cannot be exhaustive or exhaustive. It lists and describes the finished materials and works, but not the preparatory works or the various requirements necessary to carry them out. The Contractor may not use any omission to claim a capital gain for works that comply with the rules in force in Ghana and international norms and standards, the usefulness of which will have been shown during their execution.

In order to avoid omissions and duplication, the Contractor must read the quantitative/descriptive specifications and plans of all the trades likely to inform him of the work that is really to be provided for in his overall and fixed price. It is the responsibility of the Company to request all the information it lacks from Expertise France or the MO at the time of its price study. The contractor is deemed to have been aware of the physical conditions of access to the site and cannot claim any related difficulty.

1.2 Temporary Facilities and Services:

The Contractor must not occupy an area outside the boundaries of the project under any circumstances. The contractor must submit to the inspection mission all the temporary works necessary for the work for information purposes. If necessary, he or she will be able to submit a site occupancy plan which will present the various necessary regulatory developments (workshops, aggregates/soil deposit area, storage areas for materials and equipment). The contractor remains responsible for the stability and safety of all temporary works and for the quality of permanent works resulting from any temporary works adopted.

The contractor is responsible for the provision and maintenance of the temporary services necessary for the execution of the work (security, running water + electrical energy, etc.).

1.3 Contractor's Responsibilities:

The Contractor agrees to assume the following responsibilities:

- Coordinate the work and the intervention schedule with Expertise France, particularly for work that causes interference and/or dust.
- Ensure its presence at the work launch meeting, during which a clarification will take place if necessary of the works to be carried out, as well as the methods of communication and delivery of deliverables.
- Ensure execution studies and submit them for approval
- Ensure the maintenance of a site diary on the basis of which the site's activities will be transcribed on a daily basis.
- Carry out all the works indicated in the technical file associated with the project, in accordance with their initial design.

- Assume responsibility for the personnel, materials and equipment, on-site or off-site, necessary for the completion of the project.
- Repair/adapt the structures considered unsatisfactory by the inspection mission without additional costs. This remains valid during the period of responsibility of the contractor until final acceptance.
- Repair any damage caused by the contractor's intervention on adjacent neighbouring structures (all costs related to such damage will have to be borne by the contractor).
- Maintain its works until the final acceptance pronounced without reservation.
- Comply with international standards on labour legislation issued by the ILO (International Labour Organisation).
- The contractor is responsible for covering the following expenses at his own expense: Civil insurance and insurance for the vehicles and heavy equipment necessary to carry out the work.
- Medical Insurance - Insurance in the event of an accident at work, in accordance with the labor legislation.

1.4 Working hours:

The work must be carried out during working days (from Monday to Saturday), in accordance with the regulations in force and in agreement with Expertise France.

The work is in an occupied environment, which may have restrictions on the hours of intervention without the company being able to ask for an added value.

1.5 Rental and subcontracting:

Equipment rental : In the case of equipment rental, it is the responsibility of the contractor to ensure that the rental contracts cover the entire duration of the work and any delays.

Subcontracting: The contractor is authorized to use subcontracting. On the other hand, Expertise France must not under any circumstances ensure the coordination and supervision of the various subcontractors. The entrepreneur remains solely responsible to Expertise France.

1.6 End of work:

The work is only considered to be completely completed after the site has been cleaned and the works have been put in a condition for use by the client. The premises used for the site are in a perfect state of cleanliness.

2. STANDARDS - QUALITY CONTROL - HEALTH AND SAFETY

2.1 International standards:

DTUs: The contractor, by bidding, must comply with the texts of the French Unified Technical Documents. All derogations must be the subject of an agreement between the Project Owner and the Project Manager.

French standards: The contractor must comply with French standards for the execution of his works and each material referring to one of these standards must be stamped.

Codes and regulations:

The Codes and regulations to be observed for the execution of the works will be those normally used by the profession and more particularly:

- The building code.
- Technical requirements.
- French standards (NF).
- The D.T.U.
- The rules of the D.T.U.
- The Labour Code.
- Safety regulations.
- The safety note.
- Public health prescriptions.

2.2 Quality control:

In the event of doubt about the execution that may impact the quality of a work, the client reserves the right to request that verification tests be carried out. These inspection tests shall be carried out ex officio by the contractor and at his expense, whatever the results. The company will therefore consider this aspect when developing its offer. All the checks carried out will be the subject of a report.

In the event of on-site tests, the Contractor shall make available to the Contracting Authority all the equipment and personnel necessary to conduct the tests; It goes without saying that destructive testing on the site includes the restoration of the affected structures.

As for laboratory tests (quality of concrete, control of cement, possible cement, water quality, etc.), they will be carried out in laboratories approved by the competent authority. The terms of the inspection by the works supervisor may be specified by service order.

Generally speaking, in the event that the specifications are not complied with and depending on the importance and/or multiplicity of the cases of non-conformity, the works supervisor may require: either to order the demolition and resumption of the parts of the structures in question or to replace them.

The professional qualifications of the company's agents may be verified by the works supervisor during implementation. If notorious incompetences that could lead to poor workmanship are found, the contractor will be obliged to replace it.

It should be noted that for construction materials, suppliers' data sheets may be accepted instead of test results, if and only if the characteristics are met.

2.3 Occupational health and safety:

Construction work requires greater attention in terms of the health and safety of the occupants (construction workers, occupants, local residents, authorized visitors). The top priority is to ensure the safety of individuals during construction; which requires temporary security measures. The specification

below guides the contractor in determining how to conduct the project without any adverse effects on the occupants of any facility.

2.4 Personal protective equipment:

The Contractor is fully responsible for safety and hazardous work practices in the workplace. These must be carried out with the appropriate protective and safety equipment. Also, the contractor will have to provide his personnel mobilized on the site with personal protective equipment such as helmets, safety shoes, gloves, vests, glasses, hearing protection, etc.

2.5 First Aid and Emergencies:

The Contractor is required to provide adequate on-site first aid equipment, the Contractor's failure to ensure the availability of on-site first aid equipment will result in an "immediate stop work order" until provided. All costs and delays resulting from an "immediate stop work order" are the sole responsibility of the contractor.

In the event of more serious injuries or accidents resulting from construction activities, the contractor will be required to provide an evacuation system to the nearest health centre and bear all related loads.

2.6 Site tidying up - work environment - signage/site signs:

The contractor is responsible for maintaining a safe, healthy and tidy workplace at all times and during all phases of work.

In this regard, he or she must:

- Ensure that women recruited are not discriminated against
- Ensure that all forms of nuisance (noise, dust, etc.) are eliminated/reduced;
- Establish an evacuation procedure in case of emergency;
- To enact any accident prevention measures on the construction site;
- Ensure that your equipment is in good working order;
- Ensure waste management to avoid any infection/contamination;
- Ensure that the installations are in good working order to avoid any risk of fire.

Signage helps to ensure the safety of everyone: those working on the road, pedestrians and motorists. Before the start of the work and depending on the tasks being performed, the contractor must proceed with the delimitation of the work area (site fence + markings if necessary); but also to the construction site signs (signs "attention works", "slow down", "construction site forbidden to the public", etc.

3. CONSISTENCY OF THE WORK

The work to be carried out includes:

- Site facilities (work equipment and safety means for the smooth running of the site in complete safety).
- Plasterboard partitioning work
- Aluminium partitioning work
- Supply and installation of wooden doors
- Painting work on plasterboard
- Electrical and lighting work
- Supply and installation of computer equipment
- Air conditioning work
- The supply and installation of safety equipment.
- Plumbing work

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- Supply and installation of fixtures
- General cleaning before retreat of the entire site of the structures, including debris from the work, and site retreat.

The work is spread over the **3rd floor of the SSNIT Pension Tower**

4. TECHNICAL SPECIFICATIONS.

4.1 Finishing works

4.1.1 Plastering

4.1.1.1 Single plasterboard partitions

Supply and installation of Knauf type 72/48 partitions or technically equivalent and consisting of the following:

- Metal frame consisting of R48 rails and M48 uprights in galvanized steel with a nominal thickness of 6/10th, single or doubled back to back, arranged at 60cm or 40cm center distance.
- Each cladding will be made of BA13 plasterboard for a height of 290cm.

The implementation will be in accordance with DTU 25.41 and the manufacturer's recommendations.

The following services are included:

- The construction of partitions and their stiffeners
- The layout and layout of the structures
- The installation, adjustment and sealing of the frames and frames incorporated into the partitions,
- Frame reinforcements for hooking or suspending fixed heavy loads.
- The execution of the openings, the grooves, the embedding and their caulking.
- Cleaning and removal of rubble.
- The protection of the works carried out until their acceptance.
- Devices to meet regulatory requirements concerning Health and Safety

Location: See map:

Partitioning of the Depot, entrance hall, kitchen + dining area

4.1.2 Aluminium joinery:

4.1.2.1 Aluminum-glazed partitions

Supply and installation of glazed aluminium distribution partitions, raised to a height of 2, will consist of:

- 48mm thick aluminium profiles.
- Vertical uprights in anodized aluminum fixed to the walls or floor to guarantee adequate stability.
- High and low beams or adjoining beams in pre-painted aluminium in RAL colour at the choice of the Client on the manufacturer's colour chart.
- Intermediate crossbar at a height of 1.10 m in pre-painted aluminium in RAL colour at the choice of the Client on the manufacturer's colour chart.
- Single glazing in acrylic glass with a thickness of 10 to 88/2 silence.
- Tight bonding seals to ensure protection against dust and germs

Location: See map:

Partitioning of S1, S2, S3.

4.1.2.2 Gypsum board distribution partition with fixed opening:

This type of partition is based on the constructive principle of plasterboard partitions on a metal frame, with the integration of a fixed bay window, placed in the upper part of the partition (110cm sill), to allow the passage of natural light while maintaining a physical and acoustic separation between spaces.

Specific implementation prescription:

- **Partition structure:**
Standard metal frame (M48 or M70 rails and uprights depending on partition height), laid from the floor to the high floor (slab) with a false ceiling crossing (see article solid partition above). Double uprights on either side of the bay reservation, with high (lintel) and low (spandrel) transom for glazing and door framing.
- **Reservation for glazing:**
Reservation of a bay made with metal profiles.

Location: *Partitioning of B1, B2, B3, B4*

4.1.2.3 Semi-glazed partition (plasterboard/glazing)

Supply and installation of semi-glazed partitions, half of which is made of a solid plasterboard panel and the top half of a removable glazing.

Lower part:

- Partitions of type 72/48 from Knauf or technically equivalent and constituted as follows:
 - Metal frame consisting of R48 rails and M48 uprights in galvanized steel with a nominal thickness of 6/10th, single or doubled back to back, arranged at 60cm or 40cm center distance.
 - Each cladding will be made of BA13 plasterboard for a height of 110cm.

Upper part:

- Glazed aluminium distribution partitions, raised to a height of 1m, will consist of:
 - 48mm thick aluminium profiles.
 - Vertical uprights in anodized aluminum fixed to the walls or floor to guarantee adequate stability.
 - High and low beams or adjoining beams in pre-painted aluminium in RAL colour at the choice of the Client on the manufacturer's colour chart.
 - Intermediate crossbar at a height of 1 m in pre-painted aluminium in RAL colour of the client's choice on the manufacturer's colour chart.
 - Single glazing in acrylic glass with a thickness of 10 to 88/2 silence.
 - Tight bonding seals to ensure protection against dust and germs.

Location: See map:

Drivers' rest room

4.1.3 **Wooden joinery:**

4.1.3.1 Isoplane hinged door (90cm x 220cm ht)

Supply and installation of 1-leaf isoplane honeycomb door assembly, smooth, factory lacquered, including:

- 90cm wide (83cm free passage),

- Pre-painted steel metal frame,
- Mandatory opening at 90°,
- 35mm thick leaf, softwood frame, honeycomb core, factory lacquered,
- Articulation according to dimensions and manufacturer's recommendations,
- Trimmed door for ventilation.

Including brushed aluminium stand on plate, door stop matching the handles and all the perfect finishes.

The company will have to protect the installed doors for the entire duration of the project and must also provide in its offer for the untrimming of all doors to obtain natural ventilation.

Location: *See map:*
B1, B2, B3, B4, S1

4.1.3.2 Isoplane swing door (80cmx 220cm ht)

Supply and installation of 1-leaf isoplane honeycomb door assembly, smooth, factory lacquered, including:

- 80cm wide (73cm free passage).
- Pre-painted steel metal frame.
- Mandatory opening at 90°.
- 35mm thick leaf, softwood frame, honeycomb core, factory lacquered.
- Articulation according to dimensions and manufacturer's recommendations.
- Trimmed door for ventilation.

Including brushed aluminium stand on plate, door stop matching the handles and all the perfect finishes.

The company will have to protect the installed doors for the entire duration of the project and must also provide in its offer for the untrimming of all doors to obtain natural ventilation.

Location: *See plan: kitchen + dining room and drivers' rest area, S2, S3*

4.1.4 Paint:

The substrates must comply with the standards applied in Ghana: hard, healthy, solid, dry, clean, free of grease, wax, or any other product that may alter the adhesion. Fragile, floury or powdery backgrounds must be consolidated using a suitable print.

4.1.4.1 Painting on plasterboard partitions

Application on healthy, clean and dry bottoms.

After preparation of the plasterboard support, supply and application of white velvet acrylic paint.

Including:

- Joining cracks between gypsum board
- Applying a print layer
- Application of two coats of white acrylic paint with a matt look and smooth finish
- All the conditions of implementation and perfect completion of the work.

Location: *see map*
All plasterboard partitions

4.1.5 Electricity and lighting

4.1.5.1 Neon ceiling light square grid

Supply and installation of square luminaires with fluorescent tubes for modular ceilings, with dimensions of 60cm/60cm (to be checked), identical to the existing type.

Fluorescent tubes must have a CRI (color rendering index) of at least 85, a color temperature of 4000°K +/-5% and a luminous efficiency of at least 90lm/W.

All luminaires must be protected and maintained until the time of provisional acceptance, under the responsibility of the contractor.

Location: *See lighting plan:
Office B2 and Office B3*

4.1.5.2 Moving luminaires

Work to relocate square fixtures with existing fluorescent tubes, under the new arrangement, in accordance with the approved lighting plans, details and technical specifications.

Careful removal of existing luminaires, and installation in the appropriate places according to the plans, including connection to the existing electrical circuit.

The dismantling of ceiling lights must be carried out in a methodical manner, starting with the removal of the fasteners and ensuring the protection of the electronic devices deposited throughout the duration of the operations.

Location: *See map:
Office B2*

4.1.5.3 Built-in double electrical outlet

Supply and installation of double electrical sockets recessed in the furniture.

European Standard plug: single-phase, bipolar plus earth for 3 mm diameter circular wire plug at a distance of 19 mm with earthing in accordance with CISPR 16, DIN EN 55014 and practice 2014/30/EU and with a capacity of 10/16 A at 250 V.

Plugging from sockets to sockets is prohibited, distribution must be done by junction boxes. Circuit balancing shall be carried out in accordance with the recommendations of the relevant standards.

The cross-section of the spinning mills must be greater than or equal to 2.5 mm².

The ground wire will be amino at all sockets without exception.

Location: *See map:
Visitors' area, relaxation area and workspaces.*

4.1.5.4 Cables and conductors

Supply and installation of cable and/or conductors that comply with standards and meet the conditions listed below and as indicated on the plans.

Characteristics:

- Wiring type and use:

- Low voltage
- Non-flame spreader.
- Copper core for all sections.
- Type U1000 R2V - NFC32321
- Use: Circuits with a power outlet
- Installation: Under chutes and moldings.

4.1.5.5 Floor mouldings

Semi-circular PVC floor moulding - white and with a section of 75 x 16 mm.

They must comply with the NF C15-100 standard and their purpose, in particular:

The protection against external influences conferred by the method of installation must be ensured continuously throughout the entire route of the pipes, in particular changes of plane and places of penetration in the devices, suitable junction pieces must always be used.

The fastening systems and their spacing must ensure a perfect hold whatever the support.

The fastening of trunking and trunking systems must in all cases:

- Be suitable for the mounting bracket;
- To provide resistance corresponding to internal mechanical stresses (weight of cables, insulated conductors and switchgear) and external (shocks);
- Not cause damage to the cable casing or insulated conductors.

4.1.6 *Computer science:*

4.1.6.1 Wifi access point

Enterprise-class Wi-Fi 6E access points with wide frequency broadband deliver high performance. They have three radios and four spatial streams. These access points support the 6 GHz band, OFDMA, and a 5 Gigabit Ethernet port. Access points can continuously scan 24 hours a day on all bands while remaining accessible on the 2.4 GHz and 5 GHz bands, or on the 2.4 GHz band and both 5 GHz bands, or be configured to provide simultaneous access on the 2.4 GHz, 5 GHz, and 6 GHz bands. The built-in BLE/ZigBee radio can be used for beacons and location apps.

4.1.6.2 Inverter

Supply of an Eaton 9PX UPS 5KVA 1:1 - 240V UPS with an autonomy of 60 minutes, including protocol communication card, 9PX + 1 EBM battery cabinets and all fixing accessories and all subjects.

The Uninterruptible Power Supply system by the inverter must ensure that the receivers connected to its output are able to provide continuous electrical energy, including in the event of a disturbance or interruption of the electricity network, within the limits of the autonomy linked to the capacity of the installed battery.

Technical characteristics:

- Remote Off/On and Remote Connectors Remote Power Off Connectors
- Location for Network-MS, ModBus-MS, or Relay-MS
- Parallel Port (DB15)
- External Battery Module (EBM) with Auto-Sensing (RJ11)
- 8 IEC 10 A sockets (2 groups of 4 manageable sockets) with cable retention system
- 2 IEC 16 A sockets with cable retention system
- 9 dB with output contacts

- USB and serial ports
- Input/output connection

4.1.7 Air conditioning:

4.1.7.1 Portable Air Conditioner

Supply, transport, installation, installation and start-up, including after-sales service, of a 1.5 HP Nasco portable air conditioner with the following characteristics:

The device must be delivered with the accessories necessary for its proper operation, including:

- Mobile unit on wheels,
- Condensate drain hose with window or wall connection kit,
- Infrared remote control,
- User manual in French.
- Topic: Recommended Content
- Capacity :12,000 BTU/hr (3.5 kW)
- Mode: Cool / Fan / Dry / Sleep / Turbo
- Filters: Washable, activated carbon, antibacterial
- Functions: 24-hour timer, auto restart, oscillation, pollution control
- Drainage: Flexible hose, window/wall installation
- Electricity: 220–240 V, 16 A dedicated socket
- Mobility: Casters – unit < 35 kg
- Maintenance: Filter cleaning, self-diagnosis

The installation must be carried out according to the rules of the art, in accordance with the manufacturer's recommendations and the standards in force. A receipt signed by the customer will attest to the proper performance of the service.

Location: See map:

Desk1, Desk2, S1 and S2

4.1.8 Security system :

4.1.8.1 Double door (150x220cm excl. tax)

Supply and installation of solid steel security doors, CR5 burglar-proof, FB6 bullet proof of Heinen type or equivalent:

- Bulletproof (EN 1522-1523): FB6
- Burglar-resistant (EN 1627-1630): CR5
- M4 Mechanical Strength
- Multi-point secure lock
- Radial NT semi-through-hole gun or equivalent
- Indoor and outdoor kickstand
- Door closer.

Including reinforced concrete work, masonry, connection to the access control system and all subjects...

Location: See map:

The Entrance to the premises

4.1.8.2 IP video surveillance system

Supply, installation, connection and commissioning of colour cameras (IP technology) including mounting brackets and protective housings for the outdoor camera,

Supply, installation, connection and commissioning of an 8-channel colour digital recorder (NVR)

The supply and installation of the centralized management software for the installation.

- **90° IP Camera Dome Type:**

Technical specifications:

4 Mega pixels

Varifocal dome type

CMOS sensor

Operating mode - day/night (color/black and white) Minimum sensitivity Color: 0.1 Lux,

Dynamic range of backlight compensation 61 dB

Real-time motion detection

Power over Ethernet (PoE)

- **NVR Recording Unit**

The recorder must be professional digital, capable of simultaneously recording the images of all the cameras installed (Network Video Recorder NVR) It must also ensure the transmission of video sequences via the network to the bank's PCS. Number of cameras: up to 8; 4TB.

4.1.8.3 Access Control

Supply, installation and installation of digicode and autonomous badge reader at the main access door.

Main features of digicode badge readers:

- Hands-free reader with its POLYCARBONATE reading head
- Allows a reading distance of up to 60 cm with badges
- Sends the information to the strike that triggers the opening control relay
- Scheduled permissions

Key features of keypads with digicode code:

- Illuminated 12-key keyboard
- The green and red ones for visualization
- Permanent memory backup
- Programmable codes in 4, 5 or 6 terms
- Contact Opening Relay
- Programmable Master Code
- Signal buzzer
- Exit push button controls opening

Location: See map:

The Entrance to the premises

4.1.9 Plumbing:

4.1.9.1 Sink table

Supply, transport and installation of sink tables, sinks and taps according to the following specifications:

- Stainless steel sink table with cold faucet
- Dimensions: W 1500 × D 700 × H 850 mm
- Sink size: L 1250 × W 500 × D 280mm

Location: *See plan: Kitchen + dining area*

4.1.9.2 Conduits and Connections

Supply, installation and installation of the EF supply and waste water drainage pipes, including connection and commissioning of the kitchen sink, according to the approved plans, details and technical specifications.

II. FURNITURE

1. GENERAL

1.1 Purpose of the consultation :

The objective of this tender is the acquisition, delivery, assembly and installation of office furniture, for the development and decoration of the new premises of Expertise France located on **the 3rd floor of the SSNIT Pension Tower, Tamale, GHANA.**

Description of the premises:

The furniture is intended for the development of areas to accommodate offices, storage room, convivial and catering space and meeting rooms. The surface area of the premises concerned by this consultation.

1.2 General terms and conditions of the services :

1.2.1 Expected services :

The service covers the description of furniture that is intended to be used for professional use. This equipment is intended for daily use and is adapted to the needs of the future occupants of the designated premises.

As part of the presentation of its tender, the candidate will submit to the project owner a document detailing the characteristics of the products and articles offered, as well as a range of samples presenting the materials and colours of the fabrics, bases, bodies of chairs and pedestals, and the tops of the worktops.

The services include:

Supply, delivery, transport, careful assembly and installation of the furniture. The evacuation of all packaging, debris and other residues resulting from its intervention, leaving the premises in perfect condition.

The company is required to carry out a site visit and check the condition of the building in order to define an intervention plan, to identify any shortcomings and to give a comparative table in terms of equipment and equipment to be installed, namely: ranges of tables, chairs, etc. (comparison between the existing/planned and the need).

In the event that there is non-compliance with the Technical Specifications or the price schedule, the contractor must submit a report to the Client, or his designated representative.

1.2.2 Delivery:

The delivery method must be studied beforehand and validated by the project owner or its representative.

The service includes the delivery of all the furniture which will be carried out in the offices of Expertise France Tamale .

1.2.3 Assembly and installation

The assembly will be carried out in a careful manner, in compliance with the rules of the art, and limiting the nuisance for the occupants.

The installation of furniture will respect the rules of flatness, verticality and alignment, especially when several pieces of furniture are installed side by side.

The installer must ensure perfect stability of the furniture, even after loading in accordance with the recommendations.

The adjustment of hinged doors, sliding doors, or any other mobile system must allow smooth handling, without noise, without squeaking, and without difficulty during the life of the furniture.

1.2.4 Aesthetic value

The installation of the prescribed furniture responds to the desire for a harmonious and functional treatment of the spaces, ensuring comfort and conviviality for the users and the public that will be received. In general, specific attention will be paid to the different materials, shapes and colours offered. The furniture will therefore have to fit perfectly into the premises, taking into account the environment.

The final choice of colours will be made by the client, on the basis of samples presented.

1.2.5 Technical value

All furniture and equipment will be of the highest quality, both in their components and in the various assembly parts, infill, coatings, paints and accessories.

The furniture must be modular as much as possible, allow easy maintenance, have softened corners, have no sharp edges or roughness, and offer every guarantee of solidity, safety and durability.

1.2.6 Presentation of offers

Candidates must fill in the detailed price list for each range of furniture. They will also attach to their offer, all the documents useful for the assessment of the elements proposed: samples, catalogues, photos, sketches, recent references.

1.2.7 Data sheets

For each of the proposed pieces of furniture, the candidate must submit his documentation as well as a sheet of technical specifications. This will include a detailed description and a diagram, as well as any useful information on their use.

1.2.8 Warranty and after-sales service

The supplier will specify the duration and conditions of the furniture warranty. He will also indicate the terms of after-sales service: repair and replacement of furniture, monitoring of the range.

1.2.9 Sustainable development

The "Environmental Quality" approach in which Expertise France is involved, as well as the themes that are addressed within the structure, necessarily imply a commitment on the part of the candidates to sustainable development, the main challenges of which related to this contract are the following:

- Limit the environmental impact of the product from its manufacture to its end of life by seeking environmental certification: NF Environnement, European Eco label, etc.
- Limit the impact of forest exploitation by asking for the origin of the wood, sustainable forest management labels: FSC label, PEFC label.
- Control supplies so that only wood comes from controlled and/or sustainably managed forests.
- Fight against indoor air pollution by limiting the emission of volatile organic compounds: require class E1 according to the EN 717.2 standard for particleboard.
- Limit the amount of waste and the share of waste that is not recycled or recovered by ensuring the longevity and guarantee of supplies, the use of recycled materials, the availability of parts for the repair of damaged supplies, and the limitation or even elimination of delivery packaging.
- Favour local or European production in order to limit costly CO2 imports
- Reducing polluting actions

1.2.10 Furnishing and decoration

1.2.10.1 Workstation with subwoofer

Supply and installation of rectangular worktops with a width of 140cm with a depth of 80cm:

- A straight top with a 25 mm thick melamine coating
- Bottom sail
- Solid wood base
- Cable grommets on the table top make it easy to connect connections
- A height of 75cm.

- Juxtaposed box of worktops on wheels, 42cm wide, 54cm deep, 60cm high, equipped with three central locking drawers with keys, materials and colour matching the range of worktops. The body of the box will be made of metal or wood and equipped with an anti-tipping system.

Location: See map: B4

1.2.10.2 Office Chair

Supply and installation of office chairs:

- Black mesh backrest and fabric seat.
- Fixed upholstered lumbar support.
- 3D armrests made of polypropylene.
- Black nylon base.
- Casters diameter 60 mm.
- Foaming: seated density 65 kg/m3.
- Seat dimensions W 54 x D 49 cm, height adjustable from 49 to 58 cm.
- Backrest H 54 cm.
- Mechanism: synchronous. Seat depth adjustment.

Location: See map: B4

1.2.10.3 Meeting Table (4prs)

Supply and installation of round tables:

- A 25mm thick high-density melanimous chipboard top, with a diameter of 100cm.
- A 2mm shockproof PVC edge.
- A central metal base with a height of 74cm
- Capacity: 4 people

Location : See map :

S2, S3

1.2.10.4 Meeting Table (15prs)

Supply and installation of modular meeting tables:

- A rectangular top in 25mm thick high-density melanimous chipboard, with an anti-reflective treatment and straight shock-resistant edges.
- Wooden bottom sail 18mm thick
- 2mm shockproof pvc edge
- Arch-shaped bases, triangular metal tube with metal reinforcement bars, epoxy finish
- Anti-slip pads
- Dimension 160cm x 80cm
- Height 74cm
- Capacity: 15 people

Location: See map: S1

1.2.10.5 Meeting Table (6prs)

Supply and installation of modular meeting tables:

- A rectangular top in 25mm thick high-density melanimous chipboard, with an anti-reflective treatment and straight shock-resistant edges.
- Wooden bottom sail 18mm thick
- 2mm shockproof pvc edge
- Arch-shaped bases, triangular metal tube with metal reinforcement bars, epoxy finish
- Anti-slip pads
- Dimension 115cm x 87cm
- Height 74cm
- Capacity: 6 people

Location: See map: B1

1.2.10.6 Meeting table chair

Supply and installation of chairs for meeting tables:

- A seat padded in high-density foam, fabric or leather with a width of 49cm and a depth of 47cm.
- A mesh backrest 49cm wide and 42cm high
- A metal structure in sledge with chrome finish, round tube with armrests 35cm wide.
- Nylon non-slip pads

Location: See map: B1, S1, S2 and S3

1.2.10.7 Low office storage

Supply and installation of a low shelf with doors:

- Structure in 19mm thick melamine wood panels
- Removable
- 2 adjustable shelves with a thickness of 25mm.
- Used as storage
- Dimensions: H 100 x W 100 x D 45 cm.

Location: See map:

B1, B2, Visitor area, Printing area with storage cabinets

1.2.10.8 Kitchen Counter

Supply and installation of solid wood countertops with a minimum thickness of 3 cm, including lower storage and their doors.

Length = 300 cm

Width = 60 cm

Height = 85 cm

Location: See plan: kitchen + dining area

1.2.10.9 High storage (kitchen)

Supply and installation of a storage unit:

- Structure in laminated MDF wood panels with a thickness of 19mm
- Removable

- 4 adjustable shelves with a thickness of 25mm.
- 4 doors with 4 steel handles
- Dimensions: W 260 x H 183 x D 35 cm

Location: See plan: kitchen + dining area

1.2.10.10 Dining table

Supply and installation of tables:

- A 15cm square wooden top resistant to humidity
- A height of 77cm
- 4 Wooden Stones
- Dimension: W 70 x D 70 cm
- Capacity: 4 people

Location: See plan: kitchen + dining area

1.2.10.11 Dining table chair

Supply and installation of chairs:

- Polypropylene seat and back
- Integrated polyurethane foam cushion
- Easy-care equipment
- Solid beech legs with black metal reinforcements
- Seat dimensions: W 440 x D 420 mm,
- Chair height: 830 mm
- Back: H 415 mm

Location: See plan: kitchen + dining area

1.2.10.12 Driver's rest area chair (1plcs)

Supply and installation of a 1-seater armchair:

- Internal structure made of E0 manufactured wood with low formaldehyde emissions
- Black painted steel legs.
- High backrest, rounded armrests and a comfortable, soft seat
- Seat: W 55 x D 60 x H 82 cm
- Dark grey coating.
- Contemporary design with asymmetrical volumes and exposed structure.

Location: See map: driver rest area

1.2.10.13 Sofa relaxation area (3 plcs)

Supply and installation of three-seater sofas:

- Internal structure made of E0 manufactured wood with low formaldehyde emissions
- Black painted steel legs.
- High backrest, rounded armrests and a comfortable, soft seat
- Seat: W 165 x D 59 x H 82 cm
- Dark grey coating.

- Contemporary design with asymmetrical volumes and exposed structure.

Location: See map: relaxation area

1.2.10.14 Sofa relaxation area (2plcs)

Supply and installation of two-seater sofas:

- Internal structure made of E0 manufactured wood with low formaldehyde emissions
- Black painted steel legs.
- High backrest, rounded armrests and a comfortable, soft seat
- Seat: W 110 x D 59 x H 82 cm
- Dark grey coating.
- Contemporary design with asymmetrical volumes and exposed structure.

Location: See map: relaxation area, drivers' rest area

1.2.10.15 Coffee table

Supply and installation of rectangular coffee tables:

- Top in 6 mm thick tempered glass
- L-shaped legs in black painted steel.
- Plastic protectors on the feet.
- Weight (kg) 4.8
- Dimensions H x W x D (cm) 45 x 100 x 60

Location: See map:
Relaxation area

Supply and installation of round coffee tables:

- Top in 6 mm thick tempered glass
- L-shaped legs in black painted steel.
- Plastic protectors on the feet.
- Weight (kg) 4.8
- Dimensions H x W x D (cm) 50 x 60 x 60

Location: See map: Driver rest area

Supply and installation of square corner table:

- Top in 6 mm thick tempered glass
- L-shaped legs in black painted steel.
- Plastic protectors on the feet.
- Weight (kg) 4.8
- Dimensions H x W x D (cm) 45 x 40x 40

Location: See map: Relaxation area

1.2.10.16 Printer stand

Supply and installation of support furniture for printers:

- Structure in 19 mm thick melamine wood panels

- Adjustable shelves 22mm thick, for paper storage
- Two hinged doors each with a recessed handle
- Black lacquered metal foot with multidirectional wheel and brake
- Protective glides under the cabinet
- Supported weight (Kg) 60
- Dimensions: H 57 x W 110 x D 45 cm

Location: See map: space for printing

1.2.10.17 Deposit storage

Supply and installation of metal storage cabinets:

- Type: Metal storage cabinet with hinged doors
- Dimensions: W 100 cm x H 180 cm x D 45 cm
- Material: Cold-rolled steel sheet, anti-corrosion epoxy paint finish
- Colour: Light grey (RAL 7035) or equivalent
- Lock: 3-point key lock with double key
- Interior design: 4 height-adjustable shelves, minimum load capacity 40 kg/shelf
- Ventilation: Top and bottom air vents
- Floor support: Metal base or adjustable feet (min. height 2 cm)

Location : See map : Depot

1.2.10.18 Roller blind

Supply and installation of roller blinds:

- Anti-heat: Filters the sun's rays and prevents glare
- Solid color
- Non-flammable M1 fabric
- Control Type: Manual Winding: Ball chain winding mechanism. Nylon chain with plastic balls. Chain stop provided
- Extruded aluminium roller blind tube.

END OF DOCUMENT
