

## **PART 1 – GENERAL**

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| <b>1.1<br/>Range of work</b>                | .1 Non-exhaustive list:<br>.1 Clean existing and new surfaces to be painted and new finishes.<br>.2 Paint walls and partitions (gypsum and concrete block) as described in plans.<br>.3 Paint all structures and accessories such as doors, frames, steel finish boards, mouldings, the structure of the crane, etc.   |
| <b>1.2<br/>Related work</b>                 | .1 Steel doors and frames ..... Section 08 11 14E<br>.2 Gypsum panels..... Section 09 21 16E   |
| <b>1.3<br/>Reference standards</b>          | .1 Office of general standards of Canada (ONGC).<br>.1 CAN/CGSB-1.28, Interior alkyd resin paints for buildings.<br>.2 CAN/CGSB-1.132 Paint for primer coat, zinc chromate, low sensitivity to humidity.<br>.3 CAN/CGSB-1.Aluminum enamel paint with silicone-alkyd resin, resistant to heat.<br>.4 CAN/CGSB-1.146 Cover with epoxy resins paint, cold hardening, bright.<br>.5 CAN/CGSB-1.153 Cover with epoxy resins paint, high garnishing power, bright.<br>.6 CAN/CGSB-1.165 Paint for primer coating with epoxy resins, cold hardening.<br>.7 CGSB 85-GP-14M Painting of steel surfaces exposed to normal dry atmosphere.<br>.8 CGSB 85-GP-16M, Painting of galvanized steel.<br>.9 CAN/CGSB-85.100, Painting.<br>.2 Steel Structures Painting Council (SSPC).<br>.1 Systems and Specifications Manual, 1989.<br>.3 Architectural Painting Specifications Manual, Master Painters Institute (MPI). |
| <b>1.4<br/>Condition for beginning work</b> | .1 Do not apply paint where work emitting dust is being done.  |
| <b>1.5<br/>Maintenance material</b>         | .1 Deliver one galon each of tint and finish used for interior wall surfaces.<br>.2 Use replacement material coming from the same production lot of material used for works.<br>.3 Colors and tints:<br>.1 All colors, intensity of tones and tints will be chosen by Ministerial representative during the course of the work.<br>.2 Where many coats are applied, the next to last coat of paint will of the color   |

chosen and submitted for approval by Ministerial representative that reserve the right to change or modify their choice during the course of the works.

.3 Many colors will be used.

**1.6  
Inspection of rooms surfaces  
to be painted**

- .1 Rooms will be thoroughly swept to remove any dust. Concrete work must have been finished for at least thirty (30) days. Masonry work must be completed and dry enough.
- .2 Surfaces will be suitably finished, clean, dry, with regular appearance and texture and without of defect.
- .3 Unless reserves were made beforehand by Ministerial representative and/or the contractor, the beginning of work means implicit approval of conditions and of the state of surfaces on which work is to be done. The Contractor will be held responsible for the quality and the condition of finish, if not of first quality.

**1.7  
Climatic conditions**

- .1 No paint, tint or preservative will be applied when temperature is inferior to 10°C inside and for exterior, when ambient temperature is inferior to 10°C and superior to 32 °C. No exterior finish will be applied during night, snow or after, until surfaces are dry.

**1.8  
General protection**

- .1 Contractor will protect work against humidity or damage by whatever cause. Also protect adjacent works from any damage caused by workers, materials, tools or equipment used to do the work. Assume responsibility for adequate protection of works against any eventual damage caused by the execution of works related to this division or others.
- .2 Contractor must repair all damage, without cost to the ministerial representative and to the satisfaction of consulting-experts. If, in their opinion, these damages cannot be suitably repaired, damaged work will be replaced at the cost of the Contractor.

**1.9  
Scheduling**

- 1. **Work carried out in two phases, see drawings limits.**
- 2. **Scheduling, see section 01 32 18E and directive Ministerial representative.**
- 3. The place of work is within an occupied building.

**1.10  
Guarantee**

- 1. Provide a certificate of guarantee, signed and issued on behalf of the Ministerial representative, stating that all the works in this section are warranted against defects for a period of five (5) years from the date of signature of the certificate of provisional acceptance work. Comply with section 01 78 00E.

**PART 2 – PRODUCTS**

**2.1  
Materials**

- .1 Approved materials: to do present works, use only paint material from list of approved products given by OGSC (O.N.G.C.).
- .2 Use paint material as per O.N.G.C. standard, mentioned on the list of paint systems

for finish.

- .3 Material from each paint system must come from one manufacturer only.
- .4 Choice of:
  - 3 colours for walls;
  - 2 colours for doors, frames and glazed partitions;
  - 2 colours for ceiling;
  - 3 colours for conduits and equipment
- .5 On surfaces: one (1) primer coating and two (2) finish coatings, unless told otherwise.

### **PART 3 – WORK**

#### **3.1 Surfaces preparation**

- .1 Application of paint must not start before surfaces are suitable prepared. All surfaces must be solid, dry, and clean without dirt, dust, grease, rust, mortar projections, salts and foreign matters susceptible of compromising the good appearance of paint coatings.
- .2 Prepare existing doors and frames in the following way:
  - .1 Wash surfaces with a multi-purpose oxygen active cleaner as No 771-136 per Sico.
  - .2 Sand surfaces to attenuate glossiness.
  - .3 Exterior walls must be cleaned with pressurized air. Then, clean foundation walls up to the height of the garage doors with pressurized water. The device must deliver a minimal amount of water so as to not soak the surfaces.
- .3 Prepare plaster and plasterboard surfaces, as per ONGC 85-GP-33M standard. Fill small cracks with smoothing product.

Wash all gypsum surfaces with a multi-purpose oxygen active cleaner as No 771-136 per Sico. Sand all gypsum surfaces apply a primer as No 850-130 or 870-177 per Sico. Sand thereafter and dust between each coat of paint.

#### **3.2 Application**

- .1 Sand and dust between applications of each coat of paint to correct defects visible at a distance of 1,5m.
- .2 After adjusting doors, finish edges and door frames according to requirements anticipated for door itself.
- .3 Finish upper part of cupboards and protruding edges, on top and under vision line, according to requirements estimated for adjacent surfaces.
- .4 Finish cupboards and tiny rooms according to requirements estimated for adjacent rooms.
- .5 Coordinate paint work, including methods of applications and periods to do the work.
- .6 Finish non-visible areas from inside but visible from the outside by an opening or through windows.

**3.3**  
**Interior finish**

- .1 System for gypsum walls:**
  - .1 New surfaces: Apply a coat of latex sealing primer as per ONGC 1-GP-1.119 standard such as SICO ECOSOURCE 850-130 product.
  - .2 Apply two (2) coats of latex paint 100% acrylic, platinum finish as per ONGC 1-GP-1.209 standard such as SICO ECOSOURCE product, series 853-620.
- .2 System for doors and steel frames and primed ferrous metal:**
  - .1 If need be, touch up naked areas with an alkyd primer for metal as per ONGC 1-GP-48 standard, such as CORROSTOP from SICO 635-785.
  - .2 Apply two (2) coats of acrylic urethane paint, eggshell finish and 0 COV such as Rust-Oleum S-37 Metalmax.
- .3 Heating cabinet system (when applicable, see drawings):**
  - .1 Sand all exposed faces of panels and wash with "Industrial Pure Strength" cleaner/degreaser.
  - .2 Apply two (2) layers of acrylic paint, eggshell finish, with 0 COV such as S-37 Metalmax from Rust-Oleum. Application must be perfectly uniform and executed with air atomised spray.
  - .3 **Compatibility test must be done between products (existing and new) before work execution.**

\*\*\*\*\* END \*\*\*\*\*