

**SECTION 6 - SUB-SECTION F**

**ADMINISTRATIVE AND SPECIAL FURNITURE AND ACCESSORIES**

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## 1. General

- 1.1 In the planning of the site and its complexes, the extensive furniture required and the special furniture for the workrooms will be taken into consideration.
- 1.2 In light of the aforesaid, all the administrative furniture as well as special furniture and accessories required for operation and functioning of all the tasks throughout the installation will be manufactured and supplied.
- 1.3 The general characteristics of all the items and accessories required are presented below.

Contractor's architect/designer shall propose items for Client's approval.

### 1.4 Chairs – General requirements

#### Chair base

Five-arm base of reinforced cast nylon; PVC made dual-wheel casters.

#### Chair column

Three-stage telescopic with gas cylinder;

#### Chair mechanism

The executive chair will have a synchronous mechanism with auto-shock absorbers to allow backrest-to-seat angle adjustment using a single lever. Other models will have adjustable backrests.

#### Chair seat

12-mm thick contoured hot-pressed plywood board upholstered in 10-mm thick polyurethane foam (or equivalent) with 28 kg/m<sup>2</sup> density

#### Backrest

12-mm thick plywood board upholstered in polyurethane foam, 30-mm thick on the inside and 10-mm thick on the outside.

#### Armrests

Adjustable armrests made of rigid reinforced polyurethane foam (or equivalent).

## Fabrics

Shell fabric type “Lana” (or equivalent) made of 100% polyolefin fibers strengthened with acrylic: long wearing and fast colors.

- 1.5 All supplied items will fully conform with Israeli and European Standards and no below accepted market standards.

All raw materials, components, metal parts, auxiliary and coating materials will be made of appropriate, new, top quality materials using top quality workmanship and will conform to their functional specifications.

- 1.5.1 Plywood used for furniture will conform to IS 37 for 1/3” plywood with the exception to these furniture items for which use of different type plywood was permitted.

Formica sheets will conform to IS 507.

- 1.5.2 Metal furniture parts will be made from approved Grade A new profiles and tubes. All metal parts, such as table legs, will be highly finished industrial products.
- 1.5.3 Openings for cable passage will have veneer trim. The openings will be closed with plastic covers with colors and style matching the surrounding furnishings.

## **2. Accessories**

This section includes the following models of writing boards, thumb-tack boards and map boards:

### 2.1 White marker board

Durable, wear resistant dry-wipe 120x140 cm writing board made of enamel coated steel to accept magnetic accessories.

Aluminum or wood trim with rounded corners and a long tray.

The board will include hanging accessories and reinforcements suitable for all wall types.

## 2.2 Tack board

120x160 cm board made of 5-mm thick cork (or equivalent) with 3-mm thick wooden backing and 2.5 cm wide wooden trim; Long lasting and wear resistant surface;

The board will include hanging accessories and reinforcements suitable for all wall and partition types.

## 2.3 Notice board

Same as 2.2 but dimensions 120 x 200 cm;

Additionally, the board will be provided with sliding glass panels and a lock.

## 2.4 Map boards

Plywood board with a back, a frame with grooves and three moving boards; The back and frame will measure 140 cm (high) x 120 cm (wide). The moving boards and the inside of the back will be coated with a material suited for insertion of thumbtacks. The boards will be suspended from the grooves on casters. A black cloth curtain will be hung on the front of the boards allowing concealment of the board from visitors without the appropriate classification.

# 3. **Special furniture**

## 3.1 General

3.1.1 The special furniture includes operators counters of various models designed to allow installation of control and communications equipment, to provide easier operation and maintenance while keeping required lines of vision clear.

3.1.2 The furniture will be composed of "standard" items (modules) which will allow assembly of various positions, in accordance with needs, by a modular system.

3.1.3 Special items will be built as required and according to the operational requirements and installations in the site.

## 3.2 Operator positions

The operators positions are designed to serve operators of the screening installation and the command and control complex.

- 3.2.1 A basic operator position will allow a working space for an operator with clear lines of vision to other positions, and will provide solutions for installation of the communications equipment and the special equipment (working stations) in the position.
- 3.2.2 Access to the position equipment and the cables will be from the far side of the operator, and maximum attention will be paid to prevention of interference with regular activity during performance of maintenance operations.
- 3.2.3 The position will be designed on the basis of human engineering principles, and attention will be paid to all the ergonomic parameters.
- 3.2.4 The materials and the finish will be selected to ensure durability in conditions of extremely intensive work and wear. Emphasis will be placed on a high level of finish.
- 3.3 Control tables/counters
  - 3.3.1 The control tables are destined for placing of screens and communications means for operators and technical personnel in the computer complex.
  - 3.3.2 In principle several types of counters/tables are required according to the installation site and functional purpose.
    - 3.3.2.1 The architecture (deployment configuration) will be determined according to the installation site.
    - 3.3.2.2 The contents of the table/counter and the type of fittings required will be determined according to their functional purpose.
  - 3.3.3 In any case the special furniture will be built in modular form for furnishing items and basic fittings, which will be defined in the detailed planning stage.
- 3.4 Operator chairs
  - 3.4.1 Every position will include a swiveling operator chair of adjustable height.
  - 3.4.2 The chairs will be upholstered and will be equipped with a springy back support, arm rests and wheels.

3.4.3 Additionally, principles of paragraph 1.4 must be considered (general specifications for chairs).

## **4 Work tables (for maintenance)**

4.1 This section relates to laboratory tables including a working surface made of solid wood covered with PVC, a chest of drawers for tools and a front panel for placing of test equipment.

4.2 Data and other requirements will be defined in the detailed planning stage.

## **5. Arms for suspension of screens**

5.1 This section relates to universal arms for suspension of screens measuring 21" to 32".

5.2 The arms will be of models allowing suspension from the ceiling or wall installation.

### **5.3 Mobile computer stand**

18-mm thick Formica coated chipboard base with color matching the surrounding furnishings. Side panels will be from metallic ventilation grid painted with oven baked epoxy (or alternatively, 18-mm thick Formica coated chipboard with ventilation holes).

Casters will be dual-wheel for at least 20 kg load, with smooth movement and minimum wear. The dimensions will be compatible with standard computer workstation.

## **6. Administrative equipment and furniture**

### **6.1 General**

The section relates to standard administrative equipment and furniture items, which will be supplied to the various complexes in the building.

### **6.2 Office tables**

#### 6.2.1 Model A table:

Office table with metal frame including small cupboard, drawer and writing surface coated with Formica, measuring 75x160 cm;

#### 6.2.2 Model B table:

Table as aforesaid with writing surface measuring 75x140 cm;

### 6.3 Chairs

6.3.1 Principles of para 1.4 must be considered (general specifications for chairs).

#### 6.3.2 Model A chair:

Office chair with steel frame, seat and back rest made of rigid plastic;

#### 6.3.3 Model B chair:

Upholstered, swivel chair, of adjustable height, including arm rests and wheels;

#### 6.3.4 Visitors chair

Metal frame stack chair with plywood polyurethane-upholstered seat and backrest. Dimensions: width 48cm, depth 55 cm, height 80 cm.

#### 6.3.5 Waiting room seat (single)

Perforated steel frame (or equivalent); Polyurethane upholstered plywood seat and backrest. Dimensions: width 80 cm, depth 65 cm, height 70 cm.

#### 6.3.6 Waiting room seat (double) - As above, but with two seats;

### 6.4 Cupboards

6.4.1 Model A Cupboard: 2-door cupboard, measuring 90 cm x 40 cm x 195 cm.

6.4.2 Model B Cupboard: single door cupboard, measuring 45 cm x 40 cm x 195 cm.

6.4.3 Model C cupboard: single door, measuring 45 cm x 40 cm x 100 cm.

### 6.5 Special shelves

Cupboards of special wooden or steel shelves, with special measurements adapted to the installation site - as will be defined in the detailed planning stage.

### 6.6 Locker cabinet

Sheet metal frame (or equivalent) - 6 compartments; Each compartment equipped with shelves and hooks. Compartment doors with locks; Compartment dimensions: width 40 cm, depth 40 cm, height 90 cm.

## **7. Standard office set**

Standard office set will include:

- desk and stand for computer (para 1.5+6.2)
- chair worker (clause 1.4)
- 2 visitor chairs (clause 1.4)
- footboard
- drawers (clause 1.5)
- elements for office desk (paper tray , writing etc.)
- stand for computer (clause 5.3)
- cupboard (model A clause 6.4)
- tack board (clause 2.2)