

perform flushing of pipes and check for leaking. Written and signed protocol of testing must be provided. Price includes all required material and equipment and labour needed for completion of specified works, including all unforeseen activities which may occur during works. Paid as a lump sum.

#### 3.4.4.2.21 Hot water hydraulic test of heating installations

Testing of completely installed heating network for the building. The testing must be made pursuant the local applicable regulations and includes: filling of installations with water, checking of leaking at atmospheric pressure, closing of installation and putting under tested pressure (working pressure increased by 30-50%). Price includes all required material and equipment and labour needed for completion of specified works, including all unforeseen activities which may occur during works. Executed works, as described in this section, will be paid as follows:

- Manual adjustment of valves to values from hydraulic calculation. Measured per piece of valve;
- Manual adjustment of valves in heating substation to values from hydraulic calculation. Measured per piece of valve;
- Measuring and flow regulation of circulation rounds with ultrasonic flow-meter. Measured per piece of circulation rounds.

Paid as a lump sum.

#### 3.4.4.2.22 Handing over of heating installations

Handing over of tested installations, with signed protocol. Price includes the labour needed for completion of specified works. Paid as a lump sum.

#### 3.4.4.2.23 Finishing works – heating installations

Finishing works include:

- Necessary measurements and adjustments. All testing defined by RS regulations.
- Marking of the installation (labels, symbols and positions).
- Operating instructions in Serbian and English language in three copies. One copy must be framed and hung on the wall in the heating substation.
- Site clean-up to enable the start of operation of installations.
- Handing over of complete documentation about equipment and works necessary for technical inspection, and obtaining of working permission.
- Handing over of the installation to final user, delivery of handover protocol.
- Handing over of built design in three hard copies (with design details).
- Staff training for use of installed equipment.

Price includes all required material and labour needed for completion of specified works. Paid as a lump sum.

#### 3.4.4.2.24 Copies of "as built" drawings and documents

Based on survey of executed construction works and performed installations, as built technical documentation will be prepared in accordance with Law on Construction and Planning 2014.

Paid on a lump sum basis, for the completely prepared set-off as built technical documentation.

#### 3.4.4.2.25 Copies of user manuals for installed equipment

Delivery of user manuals for all installed equipment, in English and Serbian language. Executed works, as described in this section, will be paid as a lump sum.

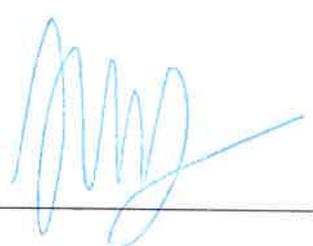


# VOLUME 3 – SECTION 5 – TECHNICAL SPECIFICATIONS FOR FURNITURE

## INDEX

3.5.0	PREFACE.....	227
3.5.1	CHAIRS .....	228
3.5.1.1	Chair for cafeteria .....	228
3.5.1.2	Task chair star base .....	228
3.5.1.3	Speaker chair.....	228
3.5.1.4	Conference chair .....	228
3.5.1.5	Meeting chair .....	228
3.5.1.6	Waiting room chair.....	228
3.5.1.7	Conference sledge chair.....	229
3.5.1.8	Task chair for Director .....	229
3.5.1.9	Task chair .....	229
3.5.2	TABLES, DESKS AND STANDS .....	230
3.5.2.1	Table for cafeteria 80x80 cm .....	230
3.5.2.2	Reception desk 140x50 cm .....	230
3.5.2.3	Speaker table 160x60 cm.....	230
3.5.2.4	Speaker table 240x80 cm.....	230
3.5.2.5	Table for translators 160x60 cm .....	230
3.5.2.6	Desk with drawer 160x60 cm .....	231
3.5.2.7	Conference table round Ø200 cm.....	231
3.5.2.8	Auxiliary table courtroom 80x50 cm .....	231
3.5.2.9	Courtroom stand.....	231
3.5.2.10	Terrace table 120x60 cm.....	231
3.5.2.11	Club table 50x50 cm.....	231
3.5.2.12	Meeting table 240x100 cm.....	232
3.5.2.13	Classroom table 100x60 cm.....	232
3.5.2.14	Classroom table 120x60 cm.....	232
3.5.2.15	Kitchen console table.....	232
3.5.2.16	Meeting table 480x100 cm.....	232
3.5.2.17	Meeting table for Director 240x100 cm .....	232
3.5.2.18	Desk for Director 160x80 cm.....	233
3.5.3	CABINETS AND SHELVES.....	234
3.5.3.1	Office cabinet 90x45 cm.....	234
3.5.3.2	Office cabinet for Director 90x45 cm.....	234
3.5.3.3	Library cabinet 90x45 cm .....	234

3.5.3.4	Archive shelf 90x40 cm.....	234
3.5.4	KITCHENS .....	235
3.5.4.1	Kitchen 1.....	235
3.5.4.2	Kitchen 2.....	235
3.5.5	OTHER ACCESSORIES .....	236
3.5.5.1	Office hanger .....	236
3.5.5.2	Garbage bin.....	236
3.5.5.3	Advertising showcase.....	236



### 3.5.0 PREFACE

Construction and delivery of the furniture, needed for the everyday operation of the JA, is foreseen by the Design.

The Contractor has to be familiar with all these technical requirements and specifics of the project in order to deliver the furniture of required dimensions and quality.

This section includes the technical specifications for following groups of furniture:

- Chairs
- Tables and desks
- Cabinets
- Other accessories

Technical requirements shall apply to all elements described in this chapter.

Before starting the works, for the purpose of execution of works, it is necessary to get exact measures on site and prepare detail design for execution with all details specified.

The Contractor will install and deliver the furniture according to these technical specifications and Furniture schemes that are part of Vol 5.

Each item should be marked according to visibility requirements defined in Volume - 3 Section 1 of the present Technical Specifications.



## 3.5.1 CHAIRS

### 3.5.1.1 Chair for cafeteria

- One-piece seat and back, shaped PP material, ergonomic, flexible, colour as per Contracting Authority's choice;
- Steel sledge base with floor protection plastic pads;
- Stackable.

Calculated per piece.

### 3.5.1.2 Task chair star base

- Ergonomic office chair;
- Polypropylene five star base with castors;
- Separate seat and back, upholstered in textile;
- Height adjustable seat;
- Backrest height adjustable, tilt tension adjustable;
- Armrest height adjustable.

Calculated per piece.

### 3.5.1.3 Speaker chair

- Ergonomic office chair;
- Aluminium five star base with castors;
- Separate seat and back;
- Mesh backrest;
- Seat upholstered in textile;
- Height adjustable seat;
- Backrest height adjustable, tilt tension adjustable;
- Armrest height adjustable.

Calculated per piece.

### 3.5.1.4 Conference chair

- 4 metal legs with floor protection plastic pads; legs and frame powder coat colour;
- Stackable;
- Seat and backrest polyurethane foam covered with textile; Colour as per Contracting Authority's choice.

Calculated per piece.

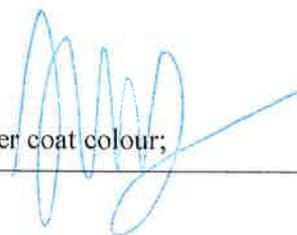
### 3.5.1.5 Meeting chair

- 4 metal legs with floor protection plastic pads; legs and frame powder coat colour;
- Stackable;
- Seat and backrest polyurethane foam covered with textile; Colour as per Contracting Authority's choice.

Calculated per piece.

### 3.5.1.6 Waiting room chair

- 4 seats;
- Metal frame and legs with floor protection plastic pads; legs and frame powder coat colour;



- Seat and backrest polyurethane foam covered with textile; Colour as per Contracting Authority's choice.

Calculated per piece.

#### **3.5.1.7 Conference sledge chair**

- Sledge base with floor protection pads;
- Fixed armrest;
- Frame powder coat colour;
- Seat and backrest polyurethane foam covered with durable textile; Colour as per Contracting Authority's choice.

Calculated per piece.

#### **3.5.1.8 Task chair for Director**

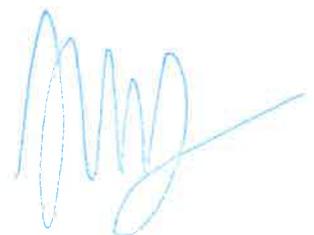
- Ergonomic office chair;
- Separate seat and back, polyurethane foam upholstered in durable textile; Colour as per Contracting Authority's choice;
- Backrest with lumbar support;
- Black colour, aluminium five-star base with castors;
- Height and depth adjustable seat;
- Backrest height adjustment; tilt tension adjustment;
- Armrest height adjustment.

Calculated per piece.

#### **3.5.1.9 Task chair**

- 4 metal legs with floor protection plastic caps; legs and frame powder coat colour;
- Stackable;
- Seat and backrest polyurethane foam covered with textile; Colour as per Contracting Authority's choice.

Calculated per piece.



## 3.5.2 TABLES, DESKS AND STANDS

### 3.5.2.1 Table for cafeteria 80x80 cm

- Cafeteria table made of MFC with metal legs as specified in Vol 5 – Section 5.2 – Furniture scheme F1;
- Visible edges covered with 2mm ABS tape;
- MFC and legs colour as per Contracting Authority's choice;
- Height: 75 cm.

Calculated per piece.

### 3.5.2.2 Reception desk 140x50 cm

- Reception desk made of MFC with metal box 4x4cm sub-construction as specified in Vol 5 – Section 5.2 – Furniture scheme F2;
- Visible edges covered with 2mm ABS tape; non-visible edges covered with melamine tape;
- MFC and sub-construction colour as per Contracting Authority choice;
- Two level height; working part height: 75 cm; reception part height 110 cm;
- Plinth 10 cm made of brushed or embossed stainless steel as per Contracting Authority's choice;
- Cable management plastic round box;
- In the upper desk part three stainless steel strips h=3cm as specified in the drawing.

Calculated per piece.

### 3.5.2.3 Speaker table 160x60 cm

- Table made of MFC as specified in Vol 5 – Section 5.2 – Furniture scheme F3;
- Visible edges covered with 2mm ABS tape; non-visible edges covered with melamine tape;
- Colour as per Contracting Authority choice;
- Two level height; working part height: 75 cm; front panel height 95 cm;
- Cable management plastic round box;
- Plinth 10 cm made of brushed or embossed stainless steel as per Contracting Authority's choice.

Calculated per piece.

### 3.5.2.4 Speaker table 240x80 cm

- Table made of MFC as specified in Vol 5 – Section 5.2 – Furniture scheme F4;
- Visible edges covered with 2mm ABS tape; non-visible edges covered with melamine tape;
- Colour as per Contracting Authority's choice;
- Two level height; working part height: 75 cm; front panel height 95 cm;
- Cable management plastic round box;
- Plinth 10 cm made of brushed or embossed stainless steel as per Contracting Authority's choice.

Calculated per piece.

### 3.5.2.5 Table for translators 160x60 cm

- Table made of MFC as specified in Vol 5 – Section 5.2 – Furniture scheme F5;
- Visible edges covered with 2mm ABS tape; non-visible edges covered with melamine tape;
- Colour as per Contracting Authority's choice;
- Cable management plastic round box;
- Height: 75 cm.

Calculated per piece.

### **3.5.2.6 Desk with drawer 160x60 cm**

- Desk and drawer made of MFC as specified in Vol 5 – Section 5.2 – Furniture scheme F6;
- Visible edges covered with 2mm ABS tape; non-visible edges covered with melamine tape;
- Colour as per Contracting Authority's choice;
- Cable management plastic round box;
- Desk height: 75 cm;
- Drawer with telescopic slides, central front lock and 4 castors.

Calculated per piece.

### **3.5.2.7 Conference table round Ø200 cm**

- Conference table made of MFC as specified in Vol 5 – Section 5.2 – Furniture scheme F8;
- Visible edges covered with 2mm ABS tape; non-visible edges covered with melamine tape;
- Colour as per Contracting Authority's choice;
- Table height: 75 cm.

Calculated per piece.

### **3.5.2.8 Auxiliary table courtroom 80x50 cm**

- Table made of MFC as specified in Vol 5 – Section 5.2 – Furniture scheme F9;
- Visible edges covered with 2mm ABS tape; non-visible edges covered with melamine tape;
- Colour as per Contracting Authority choice;
- Cable management plastic round box;
- Table height: 75 cm;
- Plinth 10 cm made of brushed or embossed stainless steel as per Contracting Authority's choice.

Calculated per piece

### **3.5.2.9 Courtroom stand**

- Stand made of MFC and metal sub-construction as specified in Vol 5 – Section 5.2 – Furniture scheme F10;
- Visible edges covered with 2mm ABS tape; non-visible edges covered with melamine tape;
- Colour as per Contracting Authority's choice;
- Stand height: 115 cm;
- Standing platform height: 5cm; covered with carpet;
- Plinth 10 cm made of brushed or embossed stainless steel as per Contracting Authority's choice.

Calculated per piece.

### **3.5.2.10 Terrace table 120x60 cm**

- Table made as specified in Vol 5 – Section 5.2 – Furniture scheme F13;
- Table top tempered glass 8 mm;
- Table construction metal box profiles 4x4 cm;
- Table top placed as per detail "D1";
- Construction painted with weather-resistant colour;
- Colour as per Contracting Authority's choice;
- Table height: 100 cm.

Calculated per piece.

### **3.5.2.11 Club table 50x50 cm**

- Table made of MFC as specified in Vol 5 – Section 5.2 – Furniture scheme F14;



- Visible edges covered with 2mm ABS tape; non-visible edges covered with melamine tape;
- Colour as per Contracting Authority's choice.

Calculated per piece.

#### **3.5.2.12 Meeting table 240x100 cm**

- Table made of MFC as specified in Vol 5 – Section 5.2 – Furniture scheme F15;
- Visible edges covered with 2mm ABS tape; non-visible edges covered with melamine tape;
- Colour as per Contracting Authority's choice;
- Table height: 75 cm;
- Plinth 10 cm made of brushed or embossed stainless steel as per Contracting Authority's choice.

Calculated per piece

#### **3.5.2.13 Classroom table 100x60 cm**

- Table made of MFC as specified in Vol 5 – Section 5.2 – Furniture scheme F16;
- Visible edges covered with 2mm ABS tape; non-visible edges covered with melamine tape;
- Colour as per Contracting Authority's choice;
- Table height: 75 cm;
- Plinth 10 cm made of brushed or embossed stainless steel as per Contracting Authority's choice;

Calculated per piece.

#### **3.5.2.14 Classroom table 120x60 cm**

- Table made of MFC as specified in Vol 5 – Section 5.2 – Furniture scheme F17;
- Visible edges covered with 2mm ABS tape; non-visible edges covered with melamine tape;
- Colour as per Contracting Authority's choice;
- Table height: 75 cm;
- Plinth 10 cm made of brushed or embossed stainless steel as per Contracting Authority's choice.

Calculated per piece.

#### **3.5.2.15 Kitchen console table**

- Table made of MFC as specified in Vol 5 – Section 5.2 – Furniture scheme F18;
- Visible edges covered with 2mm ABS tape; non-visible edges covered with melamine tape;
- Colour as per Contracting Authority's choice;
- Table height: 75 cm;
- Plinth 10 cm made of brushed or embossed stainless steel as per Contracting Authority's choice.

Calculated per piece.

#### **3.5.2.16 Meeting table 480x100 cm**

- Table top: 2pcs, 240x100x2.5 cm made of anti-scratch and anti-reflex MFC as specified in Vol 5 – Section 5.2 – Furniture scheme F21;
- Colour as per Contracting Authority's choice;
- Steel frame powder coated;
- Polished aluminium connections.

Calculated per piece.

#### **3.5.2.17 Meeting table for Director 240x100 cm**

- Table top: 240x100x2.5 cm made of anti-scratch and anti-reflex MFC as specified in Vol 5 – Section 5.2 – Furniture scheme F22;

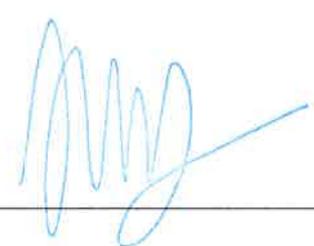
- Colour as per Contracting Authority's choice;
- Steel frame powder coated;
- Polished aluminium connections.

Calculated per piece.

### **3.5.2.18 Desk for Director 160x80 cm**

- Table top: 160x80x2.5 cm made of anti-scratch and anti-reflex MFC as specified in Vol 5 – Section 5.2 – Furniture scheme F23;
- Colour as per Contracting Authority's choice;
- Steel frame powder coated;
- Polished aluminium connections;
- Drawer with telescopic slides, drawer front locks and 4 castors.

Calculated per piece.



### 3.5.3 CABINETS AND SHELVES

#### 3.5.3.1 Office cabinet 90x45 cm

- Cabinet made of MFC as specified in Vol 5 – Section 5.2 – Furniture scheme F7;
- Visible edges covered with 2mm ABS tape; non-visible edges covered with melamine tape;
- Colour as per Contracting Authority's choice;
- Doors with lock;
- Cabinet height: 205 cm;
- Top panel MFC 3.6 mm.

Calculated per piece.

#### 3.5.3.2 Office cabinet for Director 90x45 cm

- Cabinet made of MFC as specified in Vol 5 – Section 5.2 – Furniture scheme F24;
- Visible edges covered with 2mm ABS tape; non-visible edges covered with melamine tape;
- Colour as per Contracting Authority's choice;
- Doors with lock;
- Cabinet height: 205 cm;
- Top panel MFC 3.6 mm.

Calculated per piece.

#### 3.5.3.3 Library cabinet 90x45 cm

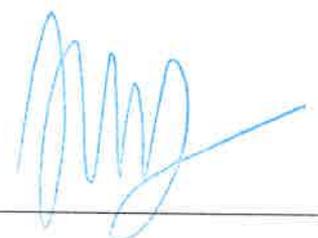
- Cabinet made of MFC as specified in Vol 5 – Section 5.2 – Furniture scheme F25;
- Visible edges covered with 2mm ABS tape; non-visible edges covered with melamine tape;
- Colour as per Contracting Authority's choice;
- Glass doors with lock;
- Cabinet height: 130 cm;
- Top panel MFC 3.6 mm.

Calculated per piece.

#### 3.5.3.4 Archive shelf 90x40 cm

- Shelf made of MFC with metal sub-construction as specified in Vol 5 – Section 5.2 – Furniture scheme A1;
- Edges covered with 2mm ABS tape; Sub-construction: metal box profiles 3x5cm and "L" profiles 3x3 cm.;
- Colour as per Contracting Authority's choice;
- Shelf height: 200 cm.

Calculated per piece.



## 3.5.4 KITCHENS

### 3.5.4.1 Kitchen 1

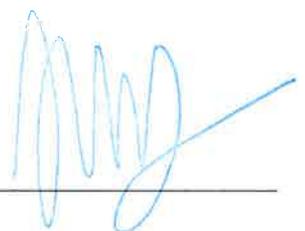
- Kitchen made of MFC as specified in Vol 5 – Section 5.2 – Furniture scheme F12K;
- Visible edges covered with 2mm ABS tape; non-visible edges covered with melamine tape;
- Colour as per Contracting Authority's choice;
- Kitchen equipped with single sink, siphon, surface-mounted 2 plates cooker hob and 90l self-standing refrigerator;
- Cooker and refrigerator A+ grade.

Calculated per piece.

### 3.5.4.2 Kitchen 2

- Kitchen made of MFC as specified in Vol 5 – Section 5.2 – Furniture scheme F19K;
- Visible edges covered with 2mm ABS tape; non-visible edges covered with melamine tape;
- Colour as per Contracting Authority's choice;
- Kitchen equipped with single sink, siphon, surface-mounted 2 plates cooker hob and 90l self-standing refrigerator;
- Cooker and refrigerator A+ grade.

Calculated per piece.



## **3.5.5 OTHER ACCESSORIES**

### **3.5.5.1 Office hanger**

Self-standing office hanger with coat hooks of minimum height 160 cm.

Calculated per piece.

### **3.5.5.2 Garbage bin**

Stainless steel mesh, capacity 7L.

Calculated per piece.

### **3.5.5.3 Advertising showcase**

- Minimum dimensions: 100x80x3 cm;
- Metal frame;
- Magnetic sheet steel surface;
- Acrylic door with lock;
- Wall fixing elements.

Calculated per piece.

