

## **VOLUME 4**

### **FINANCIAL BIDS**

#### **SECTION 4**

##### **SECTION 4.1; BREAKDOWN OF THE OVERALL PRICE**

Lot 1: Construction of Office Buildings in:  
Antalya, Igdir, Agri, Kilis, Bingöl, Bandirma,  
Gebze, Siirt, Samsun, Diyarbakir, Hatay, Corum,  
Elazig, Ardahan, Mus and Nigde

##### **SECTION 4.2; BREAKDOWN OF THE OVERALL PRICE**

Lot 2: Renovation of Buildings in:  
Ankara, Istanbul, Söke and Kayseri

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## GRAND SUMMARY TABLE FOR LOT 1 AND LOT 2 \*

### LOT 1 :

Item No	Description	Sub Item Price (EURO)	Item Price (EURO)
1	<b>Site Preparation works</b>		
1.1	Demolishing of existing buildings,if any		
1.2	Dismantling of existing installations		
1.3	Site Fencing and other site facilities		
<b>TOTAL SITE PREPARATION WORKS</b>			
2	<b>Building Works</b>		
2.1	Construction Works		
2.2	Electrical Works		
2.3	Mechanical Works		
2.4	Other Building Related Works		
<b>TOTAL BUILDING WORKS</b>			
3	<b>External Works</b>		
3.1	Sewerage		
3.2	Rainwater Drainage		
3.3	Water Supply		
3.4	Power Supply		
3.5	Communication		
3.6	Painting and other Finishing Works		
3.7	Landscaping		
<b>TOTAL EXTERNAL WORKS</b>			
<b>( 1+2+3) SUB-TOTAL</b>			
4	<b>Provisional Sums/Contengincies (10 % of SUB-TOTAL)</b>		
	Tender Price to be carried forward to Tender Form Vol.1,Sec.2)		

**CENTRAL FINANCE AND CONTRACTS UNIT –CFCU**

**LOT 2 :**

Item No	Description	Sub Item Price ( EURO)*
1	Ankara	
2	Istanbul	
3	Söke	
4	Kayseri	
<b>SUB-TOTAL</b>		

<b>Provisional Sums/ Contengincies(10 % of SUB-TOTAL)</b>	
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<b>Tender Price to be carried forward to Tender Form (Vol.1,Sec.2)</b>	
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\* Sub Item Price should include Civil,Mechanical and Electrical Works

	Discount (%) offered in the case of awarding both of the lots	Discounted Price*
<b>LOT 1</b>	%	
<b>LOT 2</b>	%	

\*Only the tenderers quoting for both lots shall fill in.

**VOLUME 4**

**BREAKDOWN OF THE OVERALL PRICE**

**LOT 1**

**SECTION 4.1**

## 4.1 Preamble

### **General**

The Contract Price is a fixed lump-sum price including any and all costs to complete the works and remedy any defects to make the project “Fit for purpose” in conformity with the Contract. The potential Contractor has to consider the “Design-Build”- approach chosen by the Contracting Authority and take necessary precautions when evaluating the impact on the Contractors undertakings. The cost of final detailed design, approval of the design by the authorities, building permits etc. are all part of the Contractors obligations and hence, included in the Contract price.

Payment of all items in **Lot 1** will be made on a fixed lump-sum basis in accordance with Article 48 of the General Conditions of Contract.

This project comprises the Contracting Authority’s requirements for a “Design-Build” Contract based on a fixed lump-sum price. All items have to be given in **EURO**.

The price should be exclusive of VAT, taxes, costumes, and import duties that are levied in accordance with Turkish laws and regulations on the production manufacture, sale and transport of the Contractors plant, machinery, materials and supplies to be used on or furnished under the contract. This since funds from EC do not include for VAT and other taxes.

The Contractor confirms that the sums entered into the tables, together constituting the contract price, are for buildings fit for their purpose. This means that the Contractor should provide the projects as set out in the clauses of the tender dossier and develop fully functional buildings and provide all plant and material required therefore. All works are to be complete in all respects. The contract price shall include for all incidental and contingent expenses to construct, complete and maintain the works in accordance with the contract.

### **Monthly payment**

The amounts entered in Summary Table of Breakdown of Tender Price will be used for calculating payments related to Lot 1.

The value of the works executed will be calculated on basis of the certified completion percentage for each sub-category of works and the item price.

Applications for payments can be submitted on a monthly basis provided that the amount of the interim payment certificate, based on the certified progress statement, is more than the minimum amount for release of payment as stated in the Appendix to Tender, Volume 1, Section 2, Article 48.2.

### **Retention money**

Retained money will be withheld in accordance with the provisions of Article 45 of the Conditions of Contract.

### **Measurements**

Each of the Items in the Breakdown of Tender Price has been broken down into a number of sub-categories of works and each sub-category of works has been broken down into sub-tasks. The lists of Detailed Breakdown of the Works section 4.1.2 show the value of each sub-task expressed as a fixed percentage of the item price.

The lists of Detailed Breakdown of the Works shall be the basis for the interim certificate. The progress shall be measured as the percentage of completion of each sub-category.

The Contractor shall, in accordance with Article 48.1 of the Special Conditions, at the end of each month prepare a monthly interim certificate showing the progress made against each sub-category and submit it to the Supervisor.

The lists of detailed breakdown of the Works shall be used as supporting documentation to interim certificate..

The Supervisor will within two weeks of receipt make modifications, if necessary, in the supporting documentation and return it the Contractor.

**4.1.1 Summary Table of Breakdown of Overall Price for LOT 1**

Pos. No	Description	Sub Item price EURO	Item Price EURO
<b>1.</b>	<b>Site preparation Works</b>		
1.1	Demolishing of existing buildings, if any		
1.2	Dismantling of existing installations		
1.3	Site fencing and other Site Facilities		
<b>TOTAL SITE PREPARATION WORKS:</b>			
<b>2.</b>	<b>Building Works</b>		
2.1	Construction Work		
2.2	Electrical Work		
2.3	Mechanical Work		
2.4	Other Building Related Works		
<b>TOTAL BUILDING WORKS:</b>			
<b>3.</b>	<b>External Works</b>		
3.1	Sewerage		
3.2	Rainwater Drainage		
3.3	Water Supply		
3.4	Power Supply		
3.5	Communication		
3.6	Painting and other Finishing Works		
3.7	Landscaping as indicated on drawings		
<b>Total External Works:</b>			
<b>SUB-TOTAL:</b>			
4	Provisional Sums/Contingencies (10% of Sub-total)		
Tender	Price to be carried forward to Tender Form (Vol.1, sec.2)		



**4.1.1.1 Breakdown of Overall Price for Ağrı**

<b>Pos. No</b>	<b>Description</b>	<b>Sub Item price EURO</b>	<b>Item Price EURO</b>
<b>1.</b>	<b>Site preparation Works</b>		
1.1	Demolishing of existing buildings, if any		
1.2	Dismantling of existing installations		
1.3	Site fencing and other Site Facilities		
	<b>TOTAL SITE PREPARATION WORKS:</b>		
<b>2.</b>	<b>Building Works</b>		
2.1	Construction Work		
2.2	Electrical Work		
2.3	Mechanical Work		
2.4	Other Building Related Works		
	<b>TOTAL BUILDING WORKS:</b>		
<b>3.</b>	<b>External Works</b>		
3.1	Sewerage		
3.2	Rainwater Drainage		
3.3	Water Supply		
3.4	Power Supply		
3.5	Communication		
3.6	Painting and other Finishing Works		
3.7	Landscaping as indicated on drawings		
	<b>Total External Works:</b>		
	<b>SUB-TOTAL:</b>		
4	Provisional Sums/Contingencies (10% of Sub-total)		
	<b>TOTAL:</b>		

**4.1.1.2 Breakdown of Overall Price for Antalya**

<b>Pos. No</b>	<b>Description</b>	<b>Sub Item price EURO</b>	<b>Item Price EURO</b>
<b>1.</b>	<b>Site preparation Works</b>		
1.1	Demolishing of existing buildings, if any		
1.2	Dismantling of existing installations		
1.3	Site fencing and other Site Facilities		
	<b>TOTAL SITE PREPARATION WORKS:</b>		
<b>2.</b>	<b>Building Works</b>		
2.1	Construction Work		
2.2	Electrical Work		
2.3	Mechanical Work		
2.4	Other Building Related Works		
	<b>TOTAL BUILDING WORKS:</b>		
<b>3.</b>	<b>External Works</b>		
3.1	Sewerage		
3.2	Rainwater Drainage		
3.3	Water Supply		
3.4	Power Supply		
3.5	Communication		
3.6	Painting and other Finishing Works		
3.7	Landscaping as indicated on drawings		
	<b>Total External Works:</b>		
	<b>SUB-TOTAL:</b>		
4	Provisional Sums/Contingencies (10% of Sub-total)		
	<b>TOTAL:</b>		

**4.1.1.3 Breakdown of Overall Price for Ardahan**

<b>Pos. No</b>	<b>Description</b>	<b>Sub Item price EURO</b>	<b>Item Price EURO</b>
<b>1.</b>	<b>Site preparation Works</b>		
1.1	Demolishing of existing buildings, if any		
1.2	Dismantling of existing installations		
1.3	Site fencing and other Site Facilities		
	<b>TOTAL SITE PREPARATION WORKS:</b>		
<b>2.</b>	<b>Building Works</b>		
2.1	Construction Work		
2.2	Electrical Work		
2.3	Mechanical Work		
2.4	Other Building Related Works		
	<b>TOTAL BUILDING WORKS:</b>		
<b>3.</b>	<b>External Works</b>		
3.1	Sewerage		
3.2	Rainwater Drainage		
3.3	Water Supply		
3.4	Power Supply		
3.5	Communication		
3.6	Painting and other Finishing Works		
3.7	Landscaping as indicated on drawings		
	<b>Total External Works:</b>		
	<b>SUB-TOTAL:</b>		
4	Provisional Sums/Contingencies (10% of Sub-total)		
	<b>TOTAL:</b>		

#### 4.1.1.4 Breakdown of Overall Price for Bandırma

Pos. No	Description	Sub Item price EURO	Item Price EURO
<b>1.</b>	<b>Site preparation Works</b>		
1.1	Demolishing of existing buildings, if any		
1.2	Dismantling of existing installations		
1.3	Site fencing and other Site Facilities		
	<b>TOTAL SITE PREPARATION WORKS:</b>		
<b>2.</b>	<b>Building Works</b>		
2.1	Construction Work		
2.2	Electrical Work		
2.3	Mechanical Work		
2.4	Other Building Related Works		
	<b>TOTAL BUILDING WORKS:</b>		
<b>3.</b>	<b>External Works</b>		
3.1	Sewerage		
3.2	Rainwater Drainage		
3.3	Water Supply		
3.4	Power Supply		
3.5	Communication		
3.6	Painting and other Finishing Works		
3.7	Landscaping as indicated on drawings		
	<b>Total External Works:</b>		
	<b>SUB-TOTAL:</b>		
4	Provisional Sums/Contingencies (10% of Sub-total)		
	<b>TOTAL:</b>		

#### 4.1.1.5 Breakdown of Overall Price for Bingöl

**CENTRAL FINANCE AND CONTRACTS UNIT –CFCU**

<b>Pos. No</b>	<b>Description</b>	<b>Sub Item price EURO</b>	<b>Item Price EURO</b>
<b>1.</b>	<b>Site preparation Works</b>		
1.1	Demolishing of existing buildings, if any		
1.2	Dismantling of existing installations		
1.3	Site fencing and other Site Facilities		
	<b>TOTAL SITE PREPARATION WORKS:</b>		
<b>2.</b>	<b>Building Works</b>		
2.1	Construction Work		
2.2	Electrical Work		
2.3	Mechanical Work		
2.4	Other Building Related Works		
	<b>TOTAL BUILDING WORKS:</b>		
<b>3.</b>	<b>External Works</b>		
3.1	Sewerage		
3.2	Rainwater Drainage		
3.3	Water Supply		
3.4	Power Supply		
3.5	Communication		
3.6	Painting and other Finishing Works		
3.7	Landscaping as indicated on drawings		
	<b>Total External Works:</b>		
	<b>SUB-TOTAL:</b>		
4	Provisional Sums/Contingencies (10% of Sub-total)		
	<b>TOTAL:</b>		

**4.1.1.6 Breakdown of Overall Price for Çorum**

<b>Pos. No</b>	<b>Description</b>	<b>Sub Item price EURO</b>	<b>Item Price EURO</b>
<b>1.</b>	<b>Site preparation Works</b>		
1.1	Demolishing of existing buildings, if any		
1.2	Dismantling of existing installations		
1.3	Site fencing and other Site Facilities		
	<b>TOTAL SITE PREPARATION WORKS:</b>		
<b>2.</b>	<b>Building Works</b>		
2.1	Construction Work		
2.2	Electrical Work		
2.3	Mechanical Work		
2.4	Other Building Related Works		
	<b>TOTAL BUILDING WORKS:</b>		
<b>3.</b>	<b>External Works</b>		
3.1	Sewerage		
3.2	Rainwater Drainage		
3.3	Water Supply		
3.4	Power Supply		
3.5	Communication		
3.6	Painting and other Finishing Works		
3.7	Landscaping as indicated on drawings		
	<b>Total External Works:</b>		
	<b>SUB-TOTAL:</b>		
4	Provisional Sums/Contingencies (10% of Sub-total)		
	<b>TOTAL:</b>		

**4.1.1.7 Breakdown of Overall Price for Diyarbakır**

<b>Pos. No</b>	<b>Description</b>	<b>Sub Item price EURO</b>	<b>Item Price EURO</b>
<b>1.</b>	<b>Site preparation Works</b>		
1.1	Demolishing of existing buildings, if any		
1.2	Dismantling of existing installations		
1.3	Site fencing and other Site Facilities		
	<b>TOTAL SITE PREPARATION WORKS:</b>		
<b>2.</b>	<b>Building Works</b>		
2.1	Construction Work		
2.2	Electrical Work		
2.3	Mechanical Work		
2.4	Other Building Related Works		
	<b>TOTAL BUILDING WORKS:</b>		
<b>3.</b>	<b>External Works</b>		
3.1	Sewerage		
3.2	Rainwater Drainage		
3.3	Water Supply		
3.4	Power Supply		
3.5	Communication		
3.6	Painting and other Finishing Works		
3.7	Landscaping as indicated on drawings		
	<b>Total External Works:</b>		
	<b>SUB-TOTAL:</b>		
4	Provisional Sums/Contingencies (10% of Sub-total)		
	<b>TOTAL:</b>		

**4.1.1.8 Breakdown of Overall Price for Elaziğ**

<b>Pos. No</b>	<b>Description</b>	<b>Sub Item price EURO</b>	<b>Item Price EURO</b>
<b>1.</b>	<b>Site preparation Works</b>		
1.1	Demolishing of existing buildings, if any		
1.2	Dismantling of existing installations		
1.3	Site fencing and other Site Facilities		
	<b>TOTAL SITE PREPARATION WORKS:</b>		
<b>2.</b>	<b>Building Works</b>		
2.1	Construction Work		
2.2	Electrical Work		
2.3	Mechanical Work		
2.4	Other Building Related Works		
	<b>TOTAL BUILDING WORKS:</b>		
<b>3.</b>	<b>External Works</b>		
3.1	Sewerage		
3.2	Rainwater Drainage		
3.3	Water Supply		
3.4	Power Supply		
3.5	Communication		
3.6	Painting and other Finishing Works		
3.7	Landscaping as indicated on drawings		
	<b>Total External Works:</b>		
	<b>SUB-TOTAL:</b>		
4	Provisional Sums/Contingencies (10% of Sub-total)		
	<b>TOTAL:</b>		



**4.1.1.9 Breakdown of Overall Price for Gebze**

<b>Pos. No</b>	<b>Description</b>	<b>Sub Item price EURO</b>	<b>Item Price EURO</b>
<b>1.</b>	<b>Site preparation Works</b>		
1.1	Demolishing of existing buildings, if any		
1.2	Dismantling of existing installations		
1.3	Site fencing and other Site Facilities		
	<b>TOTAL SITE PREPARATION WORKS:</b>		
<b>2.</b>	<b>Building Works</b>		
2.1	Construction Work		
2.2	Electrical Work		
2.3	Mechanical Work		
2.4	Other Building Related Works		
	<b>TOTAL BUILDING WORKS:</b>		
<b>3.</b>	<b>External Works</b>		
3.1	Sewerage		
3.2	Rainwater Drainage		
3.3	Water Supply		
3.4	Power Supply		
3.5	Communication		
3.6	Painting and other Finishing Works		
3.7	Landscaping as indicated on drawings		
	<b>Total External Works:</b>		
	<b>SUB-TOTAL:</b>		
4	Provisional Sums/Contingencies (10% of Sub-total)		
	<b>TOTAL:</b>		

**4.1.1.10 Breakdown of Overall Price for Hatay**

<b>Pos. No</b>	<b>Description</b>	<b>Sub Item price EURO</b>	<b>Item Price EURO</b>
<b>1.</b>	<b>Site preparation Works</b>		
1.1	Demolishing of existing buildings, if any		
1.2	Dismantling of existing installations		
1.3	Site fencing and other Site Facilities		
	<b>TOTAL SITE PREPARATION WORKS:</b>		
<b>2.</b>	<b>Building Works</b>		
2.1	Construction Work		
2.2	Electrical Work		
2.3	Mechanical Work		
2.4	Other Building Related Works		
	<b>TOTAL BUILDING WORKS:</b>		
<b>3.</b>	<b>External Works</b>		
3.1	Sewerage		
3.2	Rainwater Drainage		
3.3	Water Supply		
3.4	Power Supply		
3.5	Communication		
3.6	Painting and other Finishing Works		
3.7	Landscaping as indicated on drawings		
	<b>Total External Works:</b>		
	<b>SUB-TOTAL:</b>		
4	Provisional Sums/Contingencies (10% of Sub-total)		
	<b>TOTAL:</b>		

**4.1.1.11 Breakdown of Overall Price for İğdır**

<b>Pos. No</b>	<b>Description</b>	<b>Sub Item price EURO</b>	<b>Item Price EURO</b>
<b>1.</b>	<b>Site preparation Works</b>		
1.1	Demolishing of existing buildings, if any		
1.2	Dismantling of existing installations		
1.3	Site fencing and other Site Facilities		
	<b>TOTAL SITE PREPARATION WORKS:</b>		
<b>2.</b>	<b>Building Works</b>		
2.1	Construction Work		
2.2	Electrical Work		
2.3	Mechanical Work		
2.4	Other Building Related Works		
	<b>TOTAL BUILDING WORKS:</b>		
<b>3.</b>	<b>External Works</b>		
3.1	Sewerage		
3.2	Rainwater Drainage		
3.3	Water Supply		
3.4	Power Supply		
3.5	Communication		
3.6	Painting and other Finishing Works		
3.7	Landscaping as indicated on drawings		
	<b>Total External Works:</b>		
	<b>SUB-TOTAL:</b>		
4	Provisional Sums/Contingencies (10% of Sub-total)		
	<b>TOTAL:</b>		

**4.1.1.12 Breakdown of Overall Price for Kills**

<b>Pos. No</b>	<b>Description</b>	<b>Sub Item price EURO</b>	<b>Item Price EURO</b>
<b>1.</b>	<b>Site preparation Works</b>		
1.1	Demolishing of existing buildings, if any		
1.2	Dismantling of existing installations		
1.3	Site fencing and other Site Facilities		
	<b>TOTAL SITE PREPARATION WORKS:</b>		
<b>2.</b>	<b>Building Works</b>		
2.1	Construction Work		
2.2	Electrical Work		
2.3	Mechanical Work		
2.4	Other Building Related Works		
	<b>TOTAL BUILDING WORKS:</b>		
<b>3.</b>	<b>External Works</b>		
3.1	Sewerage		
3.2	Rainwater Drainage		
3.3	Water Supply		
3.4	Power Supply		
3.5	Communication		
3.6	Painting and other Finishing Works		
3.7	Landscaping as indicated on drawings		
	<b>Total External Works:</b>		
	<b>SUB-TOTAL:</b>		
4	Provisional Sums/Contingencies (10% of Sub-total)		
	<b>TOTAL:</b>		

**4.1.1.13 Breakdown of Overall Price for Muş**

<b>Pos. No</b>	<b>Description</b>	<b>Sub Item price EURO</b>	<b>Item Price EURO</b>
<b>1.</b>	<b>Site preparation Works</b>		
1.1	Demolishing of existing buildings, if any		
1.2	Dismantling of existing installations		
1.3	Site fencing and other Site Facilities		
	<b>TOTAL SITE PREPARATION WORKS:</b>		
<b>2.</b>	<b>Building Works</b>		
2.1	Construction Work		
2.2	Electrical Work		
2.3	Mechanical Work		
2.4	Other Building Related Works		
	<b>TOTAL BUILDING WORKS:</b>		
<b>3.</b>	<b>External Works</b>		
3.1	Sewerage		
3.2	Rainwater Drainage		
3.3	Water Supply		
3.4	Power Supply		
3.5	Communication		
3.6	Painting and other Finishing Works		
3.7	Landscaping as indicated on drawings		
	<b>Total External Works:</b>		
	<b>SUB-TOTAL:</b>		
4	Provisional Sums/Contingencies (10% of Sub-total)		
	<b>TOTAL:</b>		

**4.1.1.14 Breakdown of Overall Price for Niğde**

<b>Pos. No</b>	<b>Description</b>	<b>Sub Item price EURO</b>	<b>Item Price EURO</b>
<b>1.</b>	<b>Site preparation Works</b>		
1.1	Demolishing of existing buildings, if any		
1.2	Dismantling of existing installations		
1.3	Site fencing and other Site Facilities		
	<b>TOTAL SITE PREPARATION WORKS:</b>		
<b>2.</b>	<b>Building Works</b>		
2.1	Construction Work		
2.2	Electrical Work		
2.3	Mechanical Work		
2.4	Other Building Related Works		
	<b>TOTAL BUILDING WORKS:</b>		
<b>3.</b>	<b>External Works</b>		
3.1	Sewerage		
3.2	Rainwater Drainage		
3.3	Water Supply		
3.4	Power Supply		
3.5	Communication		
3.6	Painting and other Finishing Works		
3.7	Landscaping as indicated on drawings		
	<b>Total External Works:</b>		
	<b>SUB-TOTAL:</b>		
4	Provisional Sums/Contingencies (10% of Sub-total)		
	<b>TOTAL:</b>		

**4.1.1.15 Breakdown of Overall Price for Samsun**

<b>Pos. No</b>	<b>Description</b>	<b>Sub Item price EURO</b>	<b>Item Price EURO</b>
<b>1.</b>	<b>Site preparation Works</b>		
1.1	Demolishing of existing buildings, if any		
1.2	Dismantling of existing installations		
1.3	Site fencing and other Site Facilities		
	<b>TOTAL SITE PREPARATION WORKS:</b>		
<b>2.</b>	<b>Building Works</b>		
2.1	Construction Work		
2.2	Electrical Work		
2.3	Mechanical Work		
2.4	Other Building Related Works		
	<b>TOTAL BUILDING WORKS:</b>		
<b>3.</b>	<b>External Works</b>		
3.1	Sewerage		
3.2	Rainwater Drainage		
3.3	Water Supply		
3.4	Power Supply		
3.5	Communication		
3.6	Painting and other Finishing Works		
3.7	Landscaping as indicated on drawings		
	<b>Total External Works:</b>		
	<b>SUB-TOTAL:</b>		
4	Provisional Sums/Contingencies (10% of Sub-total)		
	<b>TOTAL:</b>		

**4.1.1.16 Breakdown of Overall Price for Siirt**

<b>Pos. No</b>	<b>Description</b>	<b>Sub Item price EURO</b>	<b>Item Price EURO</b>
<b>1.</b>	<b>Site preparation Works</b>		
1.1	Demolishing of existing buildings, if any		
1.2	Dismantling of existing installations		
1.3	Site fencing and other Site Facilities		
	<b>TOTAL SITE PREPARATION WORKS:</b>		
<b>2.</b>	<b>Building Works</b>		
2.1	Construction Work		
2.2	Electrical Work		
2.3	Mechanical Work		
2.4	Other Building Related Works		
	<b>TOTAL BUILDING WORKS:</b>		
<b>3.</b>	<b>External Works</b>		
3.1	Sewerage		
3.2	Rainwater Drainage		
3.3	Water Supply		
3.4	Power Supply		
3.5	Communication		
3.6	Painting and other Finishing Works		
3.7	Landscaping as indicated on drawings		
	<b>Total External Works:</b>		
	<b>SUB-TOTAL:</b>		
4	Provisional Sums/Contingencies (10% of Sub-total)		
	<b>TOTAL:</b>		



#### 4.1.2 Detailed Breakdown of the Works

Each of the buildings listed under item 2 in the Summary Table of Breakdown of Overall Price has been detailed in categories of works.

The constructions items have been further split into sub-categories of works, which shall be used in the interim payment certificate. The subcategories have been depicted below.

In the lists the value of the sub-categories have been given as a percentage of the total item value.

The detailing serves only the purpose of calculating the interim payments.

All works required for completion of any item shall be deemed included in the scope of works regardless the breakdown into sub-categories

The percentages have been calculated and fixed by the Contracting Authority and shall not be subject to any changes.

The Tenderer is requested to fill in each one of the tables 4.1.1.1 to 4.1.1.16. The “Totals” from each table should be carried forward to the “Summary Table” denoted 4.1.1.

#### 4.1.3 Method of Payment Assessment of Building Works

##### **Building Works Sections**

For payment purposes the lump sums of the summary table in section 4.1.1 shall be deemed to the values given in the below detailed breakdowns.

**The Site preparation Works, Item Pos. No. 1**, shall be divided into three sub-categories:

##### 1. Demolishing of existing buildings

- Demolish existing floors, walls and foundations
- Dispose the debris at a proper location

##### 2. Dismantling of existing installations

- Dismantle material and equipment for re-use.
- Disconnect water supply and sewerage
- Disconnect electrical supply
- Disconnect telephone lines

**3. Site fencing and other Site Facilities**

- Clean the site
- Fence the site for safety reasons
- Empty the sewerage and drainage systems
- Storage of re-usable materials and equipment

**The Building Works, Item Pos. No. 2,** shall be divided into four sub-categories. The value of each category shall be:

**Works Categories:**

- Construction Works:
- Electrical Works
- Mechanical Works:
- Other Building Related Works:

**The Construction Works will be divided into the following sub-categories**

- |  |                        |
|--|------------------------|
| • Foundation & Basement Walls:                         | 17 % of the item price |
| • Concreting and reinforcement works up to roof level. | 30 % of the item price |
| • External & Internal Masonry Works:                   | 7 % of the item price  |
| • Roof Covering:                                       | 6 % of the item price  |
| • Door Frames and Internal Plastering:                 | 6 % of the item price  |
| • Floors, Ceilings and Wall Insulation:                | 10 % of the item price |
| • Windows and Doors                                    | 10 % of the item price |
| • Painting and other Finishing Works:                  | 14 % of the item price |

**The Mechanical Works shall be divided into the following sub-categories**

- |   |                        |
|---|------------------------|
| • Installation of pipe work for heating system  | 10% of the item price  |
| • Waste water, hot and cold water system, fire extinguishing system vertical and horizontal pipes and fire extinguishing cupboards  | 15% of the item price  |
| • Installation of chromium plated and vitrified materials, ventilation of internal power facilities, fire extinguishing nozzles, air ducts and fresh air distributing equipment | 10% of the item price  |
| • Air-Condition equipment   | 10 % of the item price |
| • Installation of radiators and valves  | 15 % of the item price |
| • Installation of basement heating system, attic air pipes, painting and insulation of heating system pipes and sanitary pipes.   | 10% of the item price  |
| • Installation of boiler, fuel tank, burner, pump, dilation depot and assembling of pipes, automatic control equipment installed,   | 15% of the item price  |
| • Installation of tap water and fire system pressure tank, installation of pipes to the water tank to make the system   | 5% of the item price   |

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complete, installation of electrical component being an integral part of the system.

- Accomplishing hydraulic tests of sanitary, fire, hot and cold water, heating and gas installations. 10 % of the item price

### **The Electrical Works shall be divided into the following sub-categories**

- Cabling Infrastructure, cabling , switches, sockets, fittings, detectors, loud speakers and testing. 25 % of the of the item price
- Mainpanel, secondary panels and power panels 11% of the of the item price
- Grounding System: 4% of the of the item price
- Uninterruptable power supply system, fire alarm system, public address sound system, data and telephone distribution system, Tv distribution system and CCTV security system, 15% of the of the item price
- Diesel Generator Set: 27% of the of the item price
- Elevator 11% of the of the item price
- Testing of equipment 7% of the of the item price

### **Other Building Related Works shall be divided into the following sub-categories**

- Finishing up and Cleaning Works 30% of the of the item price
- Cost of permits, documentation, reports 30% of the of the item price
- Preparation of As-Built drawings and Operation & Maintenance Manuals 40% of the of the item price

The value of Works executed will be calculated as the progress made against each of the sub- categories in section: The Building Works, Item Pos. No. 2 above.

### **The External Works, Item Pos. No. 3, shall be divided into seven sub-categories:**

1. Sewerage
  - Connect the building sewerage system to the public sewerage system
2. Rainwater Drainage
  - Connect the building surface water system to the public surface water system
3. Clean Water Supply
  - Connect the clean water system to the public clean water supply system

4. Power Supply
  - Connect the electrical system to the public power supply system
5. Communication
  - Connect the telephone system to the public telephone system
6. Painting and other Finishing Works
  - Required painting brush ups.
  - Clean the work area free of litter and debris.
7. Landscaping
  - As indicated on architectural drawings and specifications

For the items in section “The Site preparation Works, Item Pos. No. 1” and “The External Works, Item Pos. No. 3”, payment will be effectuated only after completion of the item.

#### **Interim Payment Certificate**

The Contractor’s interim payment certificate shall be reported against the sub-categories listed above.

**VOLUME 4**

**BREAKDOWN OF THE OVERALL PRICE**

**LOT 2**

**SECTION 4.2**

## **4.2 Preamble**

The Contract Price is a fixed lump-sum price including any and all costs to complete the works and remedy any defects to make the project “Fit for purpose” in conformity with the Contract. The Contracting Authority has prepared detailed design for the projects. However, it is the responsibility of the Contractor to achieve approval of the projects with the relevant Authorities before commencing the work. The Contractor has to, if required by the Authorities, supplement additional information. The cost of approvals, including supplementary information, is part of the total Contract Price.

Payment of all items in **Lot 2** will be made on a fixed lump-sum basis in accordance with Article 48 of the Conditions of Contract.

All items must be priced in EURO.

The price should be exclusive of VAT, taxes, costumes and import duties that are levied in accordance with Turkish laws and regulations on the production, manufacture, sale and transport of the Contractors plant, machinery, materials and supplies to be used on or furnished under the contract.

The Contractor confirms that the sums entered into the tables, together constituting the contract price, are for buildings fit for their purpose. It is the obligation of the Contractor to develop fully functional buildings and provide all plant and material required therefore. All works are to be complete in all respects.

The contract price shall include for all incidental and contingent expenses to construct, complete and maintain the works in accordance with the contract.

The quantity specified in the Breakdown of Overall Price is the firm quantity for which the Contractor has submitted an all-in price, which will be paid to him irrespective of quantity actually supplied.

Tenderers must price each item in the bill of quantities separately and follow the instructions regarding the transfer of various totals in the summary.

The bill of quantities must be read with all the other contract documents and the Contractor shall be deemed to have thoroughly acquainted himself with the detailed descriptions of the works to be done and the way in which they are to be carried out. All the works must be executed to the satisfaction of the Supervisor.

### **4.2.1 Breakdown of Overall Price**

Any comments concerning the quantities must be made in the form of an attachment, following the system of itemisation, quoting the codes and brief descriptions, as in the present documents, including the rates and prices.

#### 4.2.2 Units of measurement

The units of measurement used in the annexed technical documentation are those of the International System of Units (SI). No other units may be used for measurements, pricing, detail drawings etc. (Any units not mentioned in the technical documentation must also be expressed in terms of the SI.)

Abbreviations used in the bill of quantities are to be interpreted as follows:

mm	means	millimetre
m	means	metre
mm <sup>2</sup>	means	square millimetre
m <sup>2</sup>	means	square metre
m <sup>3</sup>	means	cubic metre
kg	means	kilogram
to	means	tonne (1000 kg)
pcs	means	pieces
h	means	hour
L.s.	means	Lump sum
km	means	kilometre
l	means	litre
%	means	per cent
N.d	means	nominal diameter
m/m	means	man-month
m/d	means	man-day
no.	means	number
nos.	means	numbers
set	means	complete unit
ea.	means	each

#### 4.2.3 Method

The method for measuring completed works for payment must be in accordance with Clause 47.b of the Special Conditions (net measurement).

The provisional sums in the breakdown of overall price must be used in whole at the discretion of the Supervisor.

Each item in the breakdown of overall price for which payment is to be made in a lump sum, and for which no payment schedule is provided, must be paid after the work covered by the lump sum has been completed to the satisfaction of the Supervisor.

#### 4.2.4 Pricing

The prices and rates inserted in the breakdown of overall price are to be the full inclusive values of the works described under the items, including all costs and expenses which may be required in and for the construction of the works described together with any temporary works and installations which may be necessary and all general risks, liabilities and obligations set forth or implied in the documents on which the tender is based.

It will be assumed that establishment charges, profit and allowances for all obligations are spread evenly over all the unit rates. All approvals and permissions required by the authorities are considered to be included in the price given by the contractor.

The rates and prices tendered in the priced breakdown of overall price will be quoted at the rates current prior to the date of submission.

Rates and prices must be entered against each item in the bill of quantities. The rates will cover all duty or other liabilities which are not stated separately in the bill of quantities and the tender.

#### 4.2.5 Taxes

The tender price must not include VAT, taxes, customs and import duties that are levied in accordance with the Turkish laws and regulations on the production, manufacture, sale and transport of the Contractors plant, machinery, materials and supplies to be used on or furnished under the contract.

#### 4.2.6 Completing the Breakdown of Overall Price

In the Breakdown of Overall Price, rates and prices will be entered in the appropriate columns in EURO.

Errors will be corrected as follows:

- a) where there is a discrepancy between amounts in figures and in words, the amount in words will prevail; and
- b) where there is a discrepancy between the unit rate and the total amount derived from the multiplication of the unit price and the quantity, the unit rate as quoted will prevail.



#### 4.2.7 Description of Unit Prices

The tables that follow give the description of the rates (or unit prices) by using the relevant clauses of Volume 3 (Technical specifications).

**LOT 2**

**SUMMARY**

<b>BILL</b>	<b>DESCRIPTION</b>	<b>AMOUNT (Euro)</b>
1	ANKARA	
2	İSTANBUL	
3	SÖKE	
4	KAYSERİ	
SUB.TOTAL		
<b>Provisional Sum/Contingencies(10%)</b>		
<b>TENDER TOTAL</b>		

#### 4.2.7.1 Ankara Breakdown of Overall Price

##### SUMMARY - Ankara

Bill	Description	Amount (Euro)
	Civil Works	
	Mechanical Works	
	Electrical Works	
<b>1</b>	<b>Sub Total (Ankara)</b>	

<b>ANKARA İŞKUR BUILDING, CIVIL WORKS</b>						
No	Item No	DESCRIPTION	Unit	Quantity	Rate (EURO)	Amount (EURO)
<b>1 DEMOLITION</b>						
1	Specif. 20	Removing existing plaster (interior)	m2.	1500		
2	Specif. 20	Removing existing plaster (exterior)	m2.	1000		
3	Specif. 20	Removing existing walls and floors	m2.	2000		
4	Specif. 20	Removing windows.doors & doors frame	no	193		
<b>2 EARTHWORK</b>						
5	14.012 /1	Manual Excavation	m3	200		
6	15.140 /2	Manual Sand Laying (thickness=15cm)	m2	270		
7	17.136	Hardcore (thickness=15 cm)	m2	270		
<b>3 INFRASTRUCTURAL WORK</b>						
8	18.460 /8	100 mm diameter PVC pipe	m	74		
<b>4 INSULATION WORK</b>						
9	18.466 /3	2 layers of bitumenious membrane water insulation.1.st layer 3mm glass fiber,2.nd layer polyesther reinforced	m2	190		
10	19.050 /3	Heat insulation on the roof slab 10 cm (fixing wooden lathes and nails are included)	m2	395		
11	19.095	Waterproofing with syntetic material in bathrooms & toilets	m2	95		
12	Specif 13	Heat insulation for interior surfaces of exterior walls (4 cm + 12,5 mm)	m2	190		
13	Specif 13	Heat insulation for exterior surfaces walls (4 cm + Fiberglass mesh+plaster)	m2	575		
14	Specif 13	Heat insulation on the basement ceilings (5 cm)	m2	374		
15	Specif 13	Heat insulation of the outlooking faces of the curtian walls and slabs (3 cm)	m2	120		
<b>5 CONCRETE WORK</b>						
16	16.002	Concrete 200kg/m3	m3			
17	16.058 /1	Reinforcement concrete (BS 225)	m3	145		
<b>6 REINFORCEMENT</b>						

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18	23.014	High yield bars (8-12)mm	to	4		
19	23.015	High yield bars (14-26)mm	to	9		
20	23.010	High yield fabric reinforcement (1,5-3,0)kg/m2				
	<b>7</b>	<b>FORMWORK</b>				
21	21.011	Wooden formwork for reinforced concrete and concrete	m2	550		
22	21.054	Wooden scaffolding for formwork	m2	250		
23	21.065	Scaffolding (h=0-12.50 m)	m2	750		
	<b>8</b>	<b>WALL WORKS</b>				
24	18.102 /1	Gas Concrete 9 cm	m2	350		
25	18.106 /1	Gas Concrete 19 cm	m2	200		
26	Specif 11	Kompakt Laminate Partition Wall	m2	35		
	<b>9</b>	<b>WINDOWS &amp; DOORS</b>				
27	23.244 /E	Aluminium Windows (electrostatics paint)	m2	17		
28	23.244 /L	Aluminium Windows (electrostatics paint)	m2	380		
29	28.003	Glass 4mm	m2	80		
30	28.097	Glass (4+12+4)	m2	368		
31	Specif	Door subframe	kg	4,680		
32	Specif 35	Laminated fabrication wing+lock+ 3 double-acting hinges	m2	92		
33	Specif 33	Fire Escape Aluminium doors	no	7		
34	Specif 32	Auto. Sliding doors	no	2		
	<b>10</b>	<b>ROOF WORKS</b>				
35	18.211	Interlocking roof tile covering type (marsilya)	m2	395		
36	18.231	Interlocking ridge tile covering type (marsilya)	m	68		
37	Specif 25	One layer poethylen-spinnvlis paper beneath the roof tile	m2	395		
38	24.061	100 mm diameter PVC rainwater pipe	m	85		
39	24.064	150 mm diameter PVC rainwater gutter	m	62		
40	24.020	Zinc plate for parapet and chimney	m2	46		
	<b>11</b>	<b>METAL WORKS</b>				
41	23.176	Miscellaneeous steel works	kg	1,000		
42	23.220	Stair case and balcony balustrades and	m	80		

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		handrails				
43	23.243 /1B	Printed batten aluminium suspended ceiling	m2	95		
	<b>12</b>	<b>PLASTER WORKS</b>				
45	27.501	Plaster 1st layer 250 kg/m2 cement 2nd layer 300 kg/m2 cement	m2	-2750		
46	27.525	Gypsum plaster	m2	1,748		
47	27.532	Plaster with lime	m2	146		
48	27.581	Construction of leveling layer	m2	885		
	<b>13</b>	<b>FINISHING WORKS</b>				
49	25.016	Oil paint for iron works	m2	127		
50	25.021	3 coat Oil paint	m2	1,748		
51	25.034	Acrylic based exterior paint	m2	750		
52	25.045	3 coat limewash	m2	146		
53	25.070	Polishing natural stone	m2	300		
54	25.117	PVC Baseboard	m	619		
55	26.502	Paving with white cemented marble chipped plates	m2	145		
56	26.701	Marble Windowsill	m2	75		
57	26.752	3 cm marble balustrade	m2	15		
58	28.121	190x190x90 mm glass tile wall	m2	26		
59	25.048 /1	3 coat plastic whitewash	m2	243		
60	26.192 /1+	200x200x9 mm Paving with plain colored glazed ceramic tile (floor)	m2	95		
61	26.195 /4+	330x330x9 mm Paving with plain colored glazed granite-ceramic tile	m2	645		
62	26.196 /4	330x330x9 mm Paving with plain colored glazed granite-ceramic tile	m2	10		
63	26.662	Paving and polishing of the ready made stair steps with white cemented marble chipped plates (included baseboard)	m	15		
64	Specif	200x250x9 mm Paving with plain colored glazed ceramic tile (wall)	m2	347		
65	Specif 36	Granite covering	m2	75		
66	Specif 10	Metal Suspended ceiling	m2	527		
67	Specif 10	Rock Wool Suspended ceiling	m2	329		
68	Specif 12	PVC Based Floor covering	m2	430		
69	Specif 12	Floating Floor	m2	30		
70	Specif 18	Granite stairs covering	m	105		

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71	Specif 19	Self Leveling	m2	430		
72	Specif 39	Compact laminate cubicles	m2	30		
73	Specif 35	Door handle with rosette	No	52		
74	Specif 34	Marble Threshold	m	30		
75	Specif 31	Windows Shutter	m2	397		
SUB TOTAL						

No	Item No	DESCRIPTION	Unit	Quantity	Rate (EUR O)	Amount (EUR O)
<b>SANITARY INSTALLATIONS</b>						
1	ST-01	WASH BASIN ; HALF PEDESTAL, 60 cm VITREOUS CHINA	ea	6		
2	71,109	WASH BASIN ; UNDER WORKS TABLE, 45 x 55 cm	ea	8		
3	ST-02	WASH BASIN ; PHYSICALLY HANDICAPPED	ea	2		
4	072.101	WASH BASIN INSTALLATION ; LONG TAP	set	16		
5	073.202	MIRROR ; CRYSTAL ; 40 x 60 cm	ea	16		
6	074.102	SHELF ; VITREOUS CHINE ; 60 x 15 cm	ea	8		
7	075.104	SQUATTING WC BOWL ; 60 x 70 cm	ea	17		
8	076.500	SQUATTING WC BOWL INSTALLATIONS ; WITH FLUSH VALVE	set	17		
9	079.100	WC BOWL WITH CLOSED COUPLED CISTERN AND INSTALLATIONS	set	1		
10	ST-03	WC BOWL AND INSTALLATIONS ; PHYSICALLY HANDICAPPED	set	2		
11	ST-04	FIXED HOLDING BAR FOR WC BOWL ; PHYSICALLY HANDICAPPED	ea	2		
12	ST-05	MOVABLE HOLDING BAR (INCLUDING TOILET PAPER HOLDER) FOR WC BOWL ; PHYSICALLY HANDICAPPED	set	2		
13	080.102	URINAL AND INSTALLATIONS ; 35 x 40 x 50 cm	set	8		
14	081.301	URINAL SEPERATOR ; VITREOUS CHINA ; 40 x 50 cm	ea	8		
15	083.103	SINGLE SINK WITHOUT DRAINER ; 50 x 50 x 15 cm	ea	1		
16	084.107	SINK INSTALLATION ; LONG TAP	set	1		
17	087.201	SHOWER TRAY ; PIG IRON ENAMELLED ; 80 x 80 x 15 cm	ea	1		
18	089.105	TAP ;LONG ;1/2"	ea	1		
19	089.301	EXCUTCHEON ; 1/2"	ea	1		
20	090.400	SOAP HOLDER ; BRASS, CHROME PLATED	ea	8		
21	094.400	TOILET PAPER HOLDER ; STAINLESS STEEL	ea	18		
22	097.301	FLOOR DRAIN ; CAST IRON GRILL ; 17 x 17 cm, Ø70 mm	ea	3		
23	097.203	FLOOR DRAIN ; HARD PVC ; 10 x 10 cm,	ea	7		



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		Ø50 mm				
24	097.702	FLOOR DRAIN ; TERRACE	ea	1		
25	102.1206	FIRE EXTINGUISHING CABINET ; WITH TUBE ; 1" HOSE - 20 mt	ea	5		
26	103,106	WATER METER ; Ø50	ea	1		
27	104,104	FLOAT VALVE ; 1"	ea	1		
28	104,106	FLOAT VALVE ; 1 1/2"	ea	1		
29	ST-06	WATER STORAGE TANK ; MILD STEEL, 6 m <sup>3</sup>	ea	1		
30	ST-07	WATER STORAGE TANK ; STAINLESS STEEL, 12 m <sup>3</sup>	ea	1		
31	107,631	FULLY AUTOMATIC PACKAGE TYPE WATER PRESSURISING SYSTEM; 2 PUMP, VERTICAL, CENTRIFUGAL 1.5m <sup>3</sup> /n, 34 mWG	ea	1		
32	ST.08	FULLY AUTOMATIC PACKAGE TYPE WATER PRESSURISING SYSTEM; 2 PUMP, HORIZONTAL, CENTRIFUGAL 12m <sup>3</sup> /n, 65 mWG	ea	1		
33	103,202	AIR VENT AND HOOD; PVC Ø100	ea	2		
		<b>HVAC INSTALLATIONS</b>				
1	HT-06	EXHAUST FAN; 2300 m <sup>3</sup> /h-5 mmWG	set	2		
2	HT-07	EXHAUST FAN; 750 m <sup>3</sup> /h-5 mmWG	set	5		
3	HT-01	A/C INDOOR UNIT - WALL TYPE; COOLING CAPACITY 2.2 kW	set	5		
4	HT-01	A/C INDOOR UNIT - WALL TYPE; COOLING CAPACITY 3.5 kW	set	5		
5	HT-01	A/C INDOOR UNIT - WALL TYPE; COOLING CAPACITY 4.2 kW	set	3		
6	HT-01	A/C INDOOR UNIT - WALL TYPE; COOLING CAPACITY 6.7 kW	set	2		
7	HT-01	A/C INDOOR UNIT - WALL TYPE; COOLING CAPACITY 8.0 kW	set	3		
8	HT-02	A/C INDOOR UNIT-CEILING TYPE; COOLING CAPACITY 8.0 kW	set	2		
9	HT-02	A/C INDOOR UNIT-CEILING TYPE; COOLING CAPACITY 9.0 kW	set	4		
10	HT-02	A/C INDOOR UNIT-CEILING TYPE; COOLING CAPACITY 14 kW	set	1		
11	HT-03	A/C OUTDOOR UNIT; COOLING CAPACITY;28 kW	set	5		
12	HT-05	SPLIT A/ C INDOOR - OUTDOOR UNIT; WALL TYPE COOLING CAPACITY : 5.3 kW HEATING CAPACITY : 5.5 kW	set	2		

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13	HT-04	PRECISION AHU INDOOR UNIT TOTAL COOLING CAPACITY : 55.6 kW AIR FLOW : 17 000 m <sup>3</sup> /h	set	1		
14	HT-04	PRECISION AHU OUTDOOR UNIT AIR COOLED CONDENSER	set	2		
15	267,502	GRILLE ; FIXED LOUVER , ALUMINIUM 1000 cm <sup>2</sup>	ea	1		
16	267,503	GRILLE ; FIXED LOUVER , ALUMINIUM 1600 cm <sup>2</sup>	ea	1		
<b>AUTOMATIC CONTROL INSTALLATIONS</b>						
1	315,104	HEAT SENSOR ; SUBMERSIBLE TYPE, ELECTRONIC, 50°C+	ea	1		
2	315,105	HEAT SENSOR ; OUTSIDE AIR TYPE, ELECTRONIC	ea	1		
3	327,201	SERVOMOTOR ; Ø50	ea	1		
4	331,101	VALVE SERVOMOTOR CONNECTION MECHANISM; Ø50	ea	1		
5	358,506	3 WAY VALVE BODY ; FLANGED, PN16 Ø50	ea	1		
<b>COMMON / PIPING INSTALLATIONS</b>						
1	201,104	MILD STEEL PIPE ; 1/2"	mt	6		
2	201,105	MILD STEEL PIPE ; 3/4"	mt	6		
3	201,106	MILD STEEL PIPE ; 1"	mt	40		
4	201,107	MILD STEEL PIPE ; 1 1/4"	mt	15		
5	201,108	MILD STEEL PIPE ; 1 1/2"	mt	25		
6	201,109	MILD STEEL PIPE ; 2"	mt	60		
7	201,110	MILD STEEL PIPE ; 2 1/2"	mt	25		
8	201,203	GALVANISED STEEL PIPE ; 1/2"	mt	60		
9	201,204	GALVANISED STEEL PIPE ; 3/4"	mt	20		
10	201,205	GALVANISED STEEL PIPE ; 1"	mt	45		
11	201,206	GALVANISED STEEL PIPE ; 1 1/4"	mt	20		
12	201,207	GALVANISED STEEL PIPE ; 1 1/2"	mt	40		
13	201,208	GALVANISED STEEL PIPE ; 2"	mt	50		
14	201,400	PIPING INSTALLATION ; 1/2"-1"	%	0,30		
15	201,500	PIPING INSTALLATION ; 2 1/2"	%	0.25		
16	201.1001	MILD STEEL PIPE ; NATURAL GAS ; 1/2"	mt	3		
17	201.1002	MILD STEEL PIPE ; NATURAL GAS ; 3/4"	mt	25		
18	201.1006	MILD STEEL PIPE ; NATURAL GAS ; 2"	mt	10		
19	201,500	PIPING INSTALLATION ; WELDED	%	0.25		
20	204.1001	PVC WASTE WATER PIPE ; Ø50 mm	mt	20		
21	204.1002	PVC WASTE WATER PIPE ; Ø70 mm	mt	50		
22	204.1003	PVC WASTE WATER PIPE ; Ø100 mm	mt	65		
23	204.1004	PVC WASTE WATER PIPE ; Ø125 mm	mt	30		
24	204.1005	PVC WASTE WATER PIPE ; Ø150 mm	mt	5		
25	204.1200	PIPING INSTALLATION	%	0.35		

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26	204.1005	PVC RAINWATER PIPE ; Ø100 mm	mt	195		
27	204.1007	PVC RAINWATER PIPE ; Ø200 mm	mt	80		
28	204.1200	PIPING INSTALLATION	%	0.35		
29	208,102	COLUMN DRAIN VALVE ; 3/4"	ea	2		
30	210,612	BALL VALVE ; BRASS ; 1/2"	ea	5		
31	210,613	BALL VALVE ; BRASS ; 3/4"	ea	7		
32	210,614	BALL VALVE ; BRASS ; 1"	ea	33		
33	210,615	BALL VALVE ; BRASS ; 1 1/4"	ea	2		
34	210,616	BALL VALVE ; BRASS ; 1 1/2"	ea	3		
35	210,617	BALL VALVE ; BRASS ; 2"	ea	6		
36	210,797	BALL VALVE ; FULL BORE ; Ø50 mm	ea	4		
37	210,798	BALL VALVE ; FULL BORE ; Ø65 mm	ea	7		
38	211.1105	BALANCE VALVE ; STATIC ; Ø32 mm	ea	2		
39	216,803	CIRCULATION PUMP ; 5.5 m <sup>3</sup> /h, 2.0/7.0 mWG	ea	1		
40	221,106	STRAINER ; 2"	ea	1		
41	221,207	STRAINER ; Ø65 mm	ea	3		
42	224,301	AUTOMATIC AIR VENT ; 1/2"	ea	4		
43	227,202	CHECK VALVE ;BRASS ; 3/4"	ea	1		
44	227,405	CHECK VALVE ; BRONZE ; 1 1/2"	ea	1		
45	227,406	CHECK VALVE ; BRONZE ; 2"	ea	2		
46	228,407	CHECK VALVE ; FULL BORE ; Ø65 mm	ea	2		
47	MT-01	SAFETY VALVE ; SPRING LOADED, 3.5 BAR	ea	1		
48	231,101	PIPE PAINTING ; RED LEAD 1/2" - 2"	mt	200		
49	231,102	PIPE PAINTING ; RED LEAD 2" - 4"	mt	25		
50	231,201	PIPE PAINTING ; OIL 1/2" - 2"	mt	35		
51	230,805	PIPE INSULATION ; ALUMINIUM FOLIO ; 1"-30 mm	mt	25		
52	230,807	PIPE INSULATION ; ALUMINIUM FOLIO ; 1 1/4"-30 mm	mt	15		
53	230,809	PIPE INSULATION ; ALUMINIUM FOLIO ; 1 1/2"-30 mm	mt	25		
54	230,811	PIPE INSULATION ; ALUMINIUM FOLIO ; 2"-30 mm	mt	60		
55	230,822	PIPE INSULATION ; ALUMINIUM FOLIO ; Ø76-30 mm	mt	25		
56	230,834	PIPE INSULATION ; ALUMINIUM FOLIO ; Ø108-40 mm	mt	5		
57	241,606	PREFABRICATED VALVE INSULATION JACKET; NW 50	ea	4		
58	241,607	PREFABRICATED VALVE INSULATION JACKET; NW 65	ea	7		
59	MT-02	RAIN WATER PIPE ; PIG IRON	ea	10		
60	MT-03	NATURAL GAS EQUIPMENT ; GASMETER, FILTER, GAS DEDECTOR	set	1		

**CENTRAL FINANCE AND CONTRACTS UNIT –CFCU**

<b>HEATING INSTALLATIONS</b>						
1	KT-01	BOILER ;110 kW, WITH ATMOSPHERIC GAS BURNER, 75/60 °C, 4 bar	ea	1		
2	162,101	THERMOMETER ; COLOURED FLUID, 120 °C	ea	3		
3	163,100	HYDROMETER ; Ø100 mm, 25 mWg	ea	2		
4	165,684	RADIATOR ; ALUMINIUM, PANEL TYPE ; 525 mm	m <sup>2</sup>	170.47 8		
5	165,688	RADIATOR ; ALUMINIUM, PANEL TYPE ; 900 mm	m <sup>2</sup>	54.400		
6	165,691	RADIATOR ; ALUMINIUM, PANEL TYPE ; 1500 mm	m <sup>2</sup>	17.160		
7	170,201	RADIATOR VALVE ; CORNER TYPE ; 1/2"	ea	93		
8	170,401	RADIATOR VALVE WITH THERMOSTAD ; CORNER TYPE ; 1/2"	ea	93		
9	173,103	COLLECTOR PIPE ; Ø108 / 3.71 mm	mt	4		
10	173,301	COLLECTOR CONNECTION ; Ø15 mm	ea	5		
11	173,302	COLLECTOR CONNECTION ; Ø20 mm	ea	3		
12	173,306	COLLECTOR CONNECTION ; Ø50 mm	ea	4		
13	173,307	COLLECTOR CONNECTION ; Ø65 mm	ea	9		
14	174,511	EXPANSION TANK ; WITH CHANGABLE MEMBRANE ;150 lt	ea	1		
15	KT-02	COLLECTOR SET ; 1"	ea	186		
16	KT-02	COLLECTOR SET ; 1 1/4"	ea	24		
17	KT-03	RADIATOR CONNECTION SET	set	93		
18	KT-04	PIPE WITH PROTECTIVE SLEEVE	mt	2050		
19	KT-05	SMOKE CHIMNEY ; STAINLESS STEEL ; Ø 180 mm	mt	22		
<b>SUB TOTAL</b>						

**CENTRAL FINANCE AND CONTRACTS UNIT –CFCU**

**ANKARA İŞKUR BUILDING - ELECTRICAL WORKS**

NO	DESCRIPTION	Unit	Quantity	Rate (EURO)	Amount (EURO)
<b>LV Distribution Systems</b>					
<b>1. Cabling Infrastructure</b>					
<b>PVC Piping</b>					
1	Ø16 PVC Piping including all fittings and accessories	m	2457.0		
2	Ø20 PVC Piping including all fittings and accessories	m	3035.0		
<b>1.2. Cable Trays &amp; Ladders</b>					
3	Cable Tray 200mm including fittings and accessories	kg	350.0		
4	Cable Ladder 500mm including fittings and accessories	m	23.0		
<b>1.3. PVC Cable Trunking</b>					
5	PVC Cable Trunk 50x130mm including fittings and accessories	m	3115.0		
<b>2. LV Cabling</b>					
<b>2.1. LV Main Feeders</b>					
6	3x95+50 mm <sup>2</sup> N2XH	m	250.0		
7	3x70+35 mm <sup>2</sup> N2XH	m	15.0		
8	3x25+16 mm <sup>2</sup> N2XH	m	50.0		
9		m	153.0		
10	4x6 mm <sup>2</sup> N2XH	m	72.0		
11	4x10 mm <sup>2</sup> N2XH	m	28.0		
12	4x16 mm <sup>2</sup> N2XH	m	5.0		
<b>2.2. Power &amp; Lighting Outlet Cabling (with Halogen Free cable)</b>					
13	3x2,5mm <sup>2</sup> NHXMH	m	2922.0		
14	3x1,5mm <sup>2</sup> NHXMH	m	366.0		
15	4x1,5mm <sup>2</sup> NHXMH	m	1209.0		
16	2x1,5mm <sup>2</sup> NHXMH	m	228.0		
17	5x2,5 mm <sup>2</sup> NHXMH	m	6.0		
18	4x4 mm <sup>2</sup> NHXMH	m	98.0		
<b>3. Sockets and Switches</b>					
19	Power Socket	ea	152.0		
20	Water Proof Power Socket	ea	3.0		
21	Power Socket (UPS)	ea	208.0		
22	Hand Dryer Unit	ea	15.0		
23	Single Pole Switch	ea	14.0		
24	Double Pole Switch	ea	78.0		
25	Two way switch	ea	2.0		
26	Waterproof Double Pole Switch	ea	2.0		
27	Push Button	ea	6.0		

**CENTRAL FINANCE AND CONTRACTS UNIT –CFCU**

28	Electrical Window Louver Switch	ea	62.0		
<b>4. LV Power Panels</b>					
<b>4.1. Main Distribution Panel</b>					
29	MDP	set	2.0		
30	MDP-E	set	1.0		
31	MDP-UPS	set	1.0		
32	Compensation (set)	kV Ar	130.0		
<b>4.2. Sub Distribution Panels</b>					
33	BK-LP	set	1.0		
34	ZK-LP	set	1.0		
35	1K-LP	set	1.0		
36	2K-LP	set	1.0		
37	3K-LP	set	1.0		
38	4K-LP	set	1.0		
39	BK-UPS	set	1.0		
40	ZK-UPS	set	1.0		
41	1K-UPS	set	1.0		
42	2K-UPS	set	1.0		
43	3K-UPS	set	1.0		
44	4K-UPS	set	1.0		
<b>4.3. Motor Control Center</b>					
45	BK-KT	set	1.0		
46	SK-PP	set	1.0		
47	R-PP	set	1.0		
48	ASKT	set	1.0		
<b>5. Lighting Fixtures</b>					
<b>5.1. Indoor Lighting Fixtures (All ballasts shall be Electronic type)</b>					
49	L1-4x18W Recessed Mounted Fluorescent Luminaire (Bright Aluminium Double Parabolic refl. type)	ea	327.0		
50	L2-2x36W Waterproof Fluorescent Luminaire	ea	14.0		
51	L3-2x36W Ceiling Mounted Fluorescent Luminaire (White, Powder painted steel with plastic end-caps, and opal or prismatic cover)	ea	7.0		
52	L4-2x18W Ceiling Mounted Fluorescent Luminaire (White, Powder painted steel with plastic end-caps, and opal or prismatic cover)	ea	10.0		
53	L5-2x36W Ceiling Mounted Fluorescent Luminaire (White, Powder painted steel with plastic end-caps, and opal or prismatic cover)	ea	13.0		
54	L6-75W Wall Mounted Luminaire	ea	4.0		
55	L7-2x18W Waterproof Fluorescent Luminaire	ea	14.0		
56	L8-60W Waterproof Surface Mounted Luminaire	ea	39.0		

**CENTRAL FINANCE AND CONTRACTS UNIT –CFCU**

57	L9-2x18W Recessed Mounted Downlight	ea	6.0		
58	L10-60W Wall Surface Mounted Luminaire (Oval Caged)	ea	5.0		
59	L11-2x36W Ceiling Mounted Fluorescent Plexiglas Luminaire (Batten type)	ea	0.0		
60	Emergency Lighting Kit 18W (one hour)	ea	36.0		
<b>5.2. Emergency Exit Lighting Fixtures</b>					
61	Emergency Exit Lighting Fixtures 9W, three hours	ea	12.0		
<b>5.3. Outdoor Lighting Fixtures</b>					
62	L9-100W Pole Top Outdoor Lighting Luminaire Luminaire	ea	6.0		
<b>6. Grounding System</b>					
<b>6.1. Operating Ground System</b>					
63	4 mm <sup>2</sup> Cu Conductor	m	251.0		
64	6 mm <sup>2</sup> Cu Conductor	m	72.0		
65	10 mm <sup>2</sup> Cu Conductor	m	28.0		
66	16 mm <sup>2</sup> Cu Conductor	m	85.0		
67	25 mm <sup>2</sup> Cu Conductor	m	0.0		
68	35 mm <sup>2</sup> Cu Conductor	m	15.0		
69	50 mm <sup>2</sup> Cu Conductor	m	175.0		
70	f20mm, l=1,5m Earthing Electrodes Rod (Copper) (With fittings and accessories)	ea	9.0		
<b>6.2. Lightning Protection System</b>					
71	Active Type arrestor	ea	1.0		
72	Test Connector	ea	1.0		
73	Lightning Protection Cu Conductor 50mm <sup>2</sup>	m	50.0		
74	Conductor Protection Pipe	ea	1.0		
75	f20mm, l=1,5m Earthing Electrodes Rod (Copper) (With fittings and accessories)	ea	3.0		
76	Cu Cond. Fixing Accessories	ea	50.0		
<b>7. Uninterruptable Power Supply (UPS) Unit</b>					
77	Uninterruptable Power Supply 40 kVA 15 min.	ea	1.0		
<b>8. Diesel Generator Set</b>					
78	150kVA Diesel Generator	set	1.0		
<b>Weak Current Systems</b>					
<b>9. Fire Alarm System</b>					
<b>9.1. Fire Alarm Detectors</b>					
79	Optic Detector	ea	77.0		
80	Heat Detector	ea	2.0		
81	Manual Call Point	ea	16.0		
82	Fire Alarm Horn	ea	10.0		
<b>9.2. Fire Alarm Central Unit</b>					



**CENTRAL FINANCE AND CONTRACTS UNIT –CFCU**

83	Fire Alarm Panel	set	1.0		
	<b>9.3. Fire Alarm System Cabling</b>				
84	2x2x0,5mm <sup>2</sup> JH(st)H	m	696.0		
85	3x2,5mm <sup>2</sup> NHXMH	m	210.0		
	<b>10. Public Address and Sound System (PA&amp;S)</b>				
	<b>10.1. Speakers and Volume Control Unit</b>				
86	Ceiling Mounted Speaker Unit 6W	ea	76.0		
87	Volume Control Unit with Emergency Announcement Relay	ea	31.0		
	<b>10.2. PA&amp;S System Central Unit</b>				
88	Public Address and Sound System Central Unit	set	1.0		
89	(Including Emergency Fire Announ. Unit, 1CD, 1 Tuner Sources)				
	<b>10.3. PA&amp;S System Cabling</b>				
90	2x1,5 LIHCH	m	456.0		
91	4x1.5 LIHCH	m	595.0		
	<b>11. Data &amp; Telephone Distribution System</b>				
	<b>11.1 Data &amp; Telephone Sockets</b>				
92	Telephone Socket RJ11	ea	89.0		
93	Data Socket RJ45	ea	105.0		
	<b>11.2. Data Patch Panels</b>				
94	Patch Panel with 48 pair	set	2.0		
95	Patch Panel with 24 pair	set	1.0		
96	Patch Panel with 6 pair	set	1.0		
97	Patch Panel with 144 pair	set	1.0		
98	Data System Server Unit	set	2.0		
	<b>11.3. Telephone Dist. Boxes</b>				
99	10 pair Telephone Distribution Box	set	1.0		
100	30 pair Telephone Distribution Box	set	4.0		
	<b>11.4. Telephone Distribution System Central Unit</b>				
101	Telephone Distribution System Central Unit 8/96 ISDN	set	1.0		
	<b>11.5. Data Cables</b>				
102	Cat5E UTP	m	4005.0		
	<b>11.6. Telephone Cables</b>				
103	2p Telephone cable HBH	m	3115.0		
104	10p Telephone cable HBH	m	45.0		
105	30p Telephone cable HBH	m	140.0		
	<b>12. CCTV System</b>				
	<b>12.1. Site CCTV Camera Units</b>				
106	CCTV Camera 1/3" Color including all accessories	ea	7.0		
	<b>12.2. CCTV Central Unit</b>				
107	CCTV Central Unit	set	1.0		



**CENTRAL FINANCE AND CONTRACTS UNIT –CFCU**

	<b>12.3. CCTV Sys. Cabling</b>				
108	3x2,5 mm <sup>2</sup> NHXMH	m	180.0		
109	RG59-U6 HFFR	m	140.0		
	<b>13. TV Distribution System</b>				
	<b>13.1. TV Sockets</b>				
110	TV Socket	ea	27.0		
111	1/4 Splitter	ea	2.0		
112	1/6 Splitter	ea	2.0		
113	1/8 Splitter	ea	2.0		
	<b>13.2. TV Distribution Boxes and Accessories</b>				
114	Floor Distributon Box	ea	6.0		
115	TV Distribution Central Unit & Antenna set (1 VHF+1 UHF)	set	1.0		
	<b>13.3. TV System Cabling</b>				
116	RG6-U4 HFFR	m	570.0		
	<b>14. Card Access System</b>				
117	Card Reader	ea	2.0		
118	Keypad	ea	2.0		
119	Door Lock	ea	2.0		
120	Magnetic Contact	ea	2.0		
121	Opening Button	ea	2.0		
122	Central Unit	ea	1.0		
123	Cabling	set	1.0		
	<b>15. Elevator</b>				
124	Handicapped Elevator 630 kg capacity, 5 stop	set	1.0		
	<b>SUB TOTAL:</b>				

#### 4.2.7.2 İstanbul Breakdown of Overall Price

##### SUMMARY - İstanbul

Bill	Description	Amount (Euro)
	Civil Works	
	Mechanical Works	
	Electrical Works	
<b>2</b>	<b>Sub Total (Istanbul)</b>	

**CENTRAL FINANCE AND CONTRACTS UNIT –CFCU**

<b>İSTANBUL İŞKUR BUILDING - CIVIL WORKS</b>						
	<b>Item No</b>	<b>DESCRIPTION</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
	<b>1</b>	<b>DEMOLITION</b>				
1	Specif. 20	Removing existing plaster (interior)	m2	4269		
2	Specif. 20	Removing existing plaster (exterior)	m2	1400		
3	Specif. 20	Removing existing walls and floors	m2	378		
4	Specif. 20	Removing windows.doors & doors frame	no	295		
	<b>2</b>	<b>EARTHWORK</b>				
5	14.012/1	Manual Excavation	m3	18		
6	15.140/2	Manual Sand Laying (thickness=15cm)	m3	3		
7	17.136	Hardcore (thickness=15 cm)	m3	3		
	<b>3</b>	<b>INFRASTRUCTURAL WORK</b>				
8	18.460/8	100 mm diameter PVC pipe	m	160		
	<b>4</b>	<b>INSULATION WORK</b>				
9	18.466/3	2 layers of bitumenious membrane water insulation.1.st layer 3mm glass fiber,2.nd layer polyesther reinforced	m2	366		
10	19.050/3	Heat insulation on the roof slab 10 cm (fixing wooden lathes and nails are included)	m2	693		
11	Specif 13	Heat insulation for exterior surfaces walls (4 cm + Fiberglass mesh+plaster)	m2	1416		
12	Specif 13	Heat insulation on the basement ceilings (5 cm)	m2	517		
13	Specif 13	Heat insulation on entrance canopy (t=5cm extruded polystyrene boards)	m2	7		
	<b>5</b>	<b>CONCRETE WORK</b>				
14	16.002	Concrete 200kg/m3	m3	3		
15	16.058/1	Reinforcement concrete (BS 20)	m3	93		
	<b>6</b>	<b>REINFORCEMENT</b>				
16	23.014	High yield bars (8-12)mm	to	1.5		
17	23.015	High yield bars (14-26)mm	to	7.5		
	<b>7</b>	<b>FORMWORK</b>				
18	21.011	Wooden formwork for reinforced concrete and concrete	m2	697		

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19	21.054	Wooden scaffolding for formwork	m2	487		
20	21.065	Scaffolding (h=0-12.50 m)	m2	2053		
	<b>8</b>	<b>WALL WORKS</b>				
21	18.102/1	Gas Concrete 9 cm	m3	74		
22	18.106/1	Gas Concrete 19 cm	m3	206		
23	Specif 9	Flue blockwork (Ø130,Ø150 and Ø200)(including reinforced concrete encasement at roof and cap)	m2	97		
24	Specif 11	Partition Wall	m2	96		
	<b>9</b>	<b>WINDOWS &amp; DOORS</b>				
25	23.244/E	Aluminium Windows (electrostatics paint)	m	25		
26	23.244/L	Aluminium Windows (electrostatics paint)	m	2163		
27	28.003	Glass 4mm	m2	158		
28	28.097	Glass (4+12+4)	m2	407		
29	Specif	Door subframe	m	1359		
30	Specif 35	Laminated fabrication wing+lock+ 3 double-acting hinges	no	106		
31	Specif 33	Fire Escapece Aluminium doors	no	15		
32	Specif 32	Auto. Sliding doors	no	3		
	<b>10</b>	<b>ROOF WORKS</b>				
33	18.211	Interlocking roof tile covering type (marsilya)	m2	749		
34	18.231	Interlocking ridge tile covering type (marsilya)	m	104		
35	Specif 25	One layer poletylen-spinnvlis paper beneath the roof tile	m2	749		
36	24.061	100 mm diameter PVC rainwater pipe	m	171		
37	24.064	150 mm diameter PVC rainwater gutter	m	163		
38	24.016	Zinc plate for roof gully	m	33		
39	24.020	Zinc plate for parapet and chimney	m	11		
	<b>11</b>	<b>METAL WORKS</b>				
40	23.167	Metal schaft doors	m2	275		
41	23.176	Miscellanneous steel works	kg	500		
42	23.243/1 B	Printed batten aluminium suspended ceiling	m2	216		
	<b>12</b>	<b>PLASTER WORKS</b>				
43	27.501	Plaster 1st layer 250 kg/m2 cement 2nd layer 300 kg/m2 cement	m2	-2430		
44	27.525	Gypsum plaster	m2	4486		
45	27.581	Construction of leveling layer	m2	365		
	<b>13</b>	<b>FINISHING WORKS</b>				

**CENTRAL FINANCE AND CONTRACTS UNIT –CFCU**

46	21.281	Wooden Basedboard	m	74		
47	25.016	Oil paint for iron works	m2	32		
48	25.021	3 coat Oil paint	m2	4486		
49	25.034	Acrilic based exterior paint	m2	1157		
50	25.045	3 coat limewash	m2	586		
51	25.117	PVC Basedbord	m	744		
52	26.502	Paving with white cemented marble chipped plates	m2	16		
53	26.662	Paving and polishing of the ready made stair steps with white cemented marble chipped plates (inculeded baseboard)	m	328		
54	26.701	Marble Windowsill	m	228		
55	26.752	3 cm marble balustrade	m	248		
56	28.121	190x190x90 mm glass tile wall	m2	10		
57	25.048/1	3 coat plastic whitewash	m2	366		
58	26.192/1	200x200x9 mm Paving with plain colored glazed ceramic tile (floor)	m2	366		
59	26.195/4	330x330x9 mm Paving with plain colored glazed granite-ceramic tile	m2	505		
60	Specif	200x250x9 mm Paving with plain colored glazed ceramic tile (wall)	m2	892		
61	Specif 36	Granite covering	m2	110		
62	Specif 12	Carpet	m2	185		
63	Specif 10	Metal Suspended ceiling		1818		
64	Specif 10	Rock Wool Suspended ceiling	m2	222		
65	Specif 12	PVC Based Floor covering	m2	635		
66	Specif 19	Self Levelling	m2	635		
67	Specif 35	Door handle with rosette	no	136		
68	Specif 34	Marble Threshold	m	28		
69	Specif 30	19x1000x1000 mm glass parquet	m2	10		
70	Specif 31	Windows Shutter	m2	368		
71	Specif 39	Compact	m2	63		
<b>SUB TOTAL</b>						

**İSTANBUL İŞKUR BUILDING - MECHANICAL WORKS**

**CENTRAL FINANCE AND CONTRACTS UNIT –CFCU**

	Item No	DESCRIPTION	Unit	Quantity	Rate	Amount
		<b>SANITARY INSTALLATIONS</b>				
1	ST-01	WASH BASIN ; HALF PEDESTAL, 60 cm VITREOUS CHINA	ea	25		
2	071.101	WASH BASIN ; 28 x 35 cm	ea	3		
3	071.109	WASH BASIN ; UNDER WORK TABLE, 45 x 55 cm	ea	19		
4	072.301	WASH BASIN INSTALLATION ; MIXER BATTERY	set	10		
5	ST-02	WASH BASIN ; PHYSICALLY HANDICAPPED	ea	1		
6	ST-09	WASH BASIN INSTALLATION ; LONG TAP	set	38		
7	073.202	MIRROR ; CRYSTAL ; 40 x 60 cm	ea	47		
8	074.102	SHELF ; VITREOUS CHINA ; 60 x 15 cm	ea	29		
9	075.104	SQUATTING WC BOWL ; 60 x 70 cm	ea	18		
10	076.500	SQUATTING WC BOWL INSTALLATIONS ; WITH FLUSH VALVE	set	18		
11	079.100	WC BOWL WITH CLOSED COUPLED CISTERN AND INSTALLATIONS	set	15		
12	ST-03	WC BOWL AND INSTALLATIONS ; PHYSICALLY HANDICAPPED	set	1		
13	ST-04	FIXED HOLDING BAR FOR WC BOWL ; PHYSICALLY HANDICAPPED	ea	1		
14	ST-05	MOVABLE HOLDING BAR (INCLUDING TOILET PAPER HOLDER) FOR WC BOWL ; PHYSICALLY HANDICAPPED	ea	1		
15	080.102	URINAL AND INSTALLATIONS ; 35 x 40 x 50 cm	set	6		
16	081.301	URINAL SEPERATOR ; VITREOUS CHINA ; 40 x 50 cm	ea	6		
17	083.103	SINGLE SINK WITHOUT DRAINER ; 50 x 50 x 15 cm	ea	1		
18	084.101	SINK INSTALLATION ;WITH MIXER BATTERY	set	4		
19	084.107	SINK INSTALLATION ; LONG TAP	set	1		
20	087.101	SHOWER TRAY ; VITREOUS CHINA ; 80 x 80 x 15 cm	ea	11		
21	087.501	SHOWER INSTALLATION ; WITH MIXER BATTERY	set	9		
22	089.105	TAP; LONG ,1/2"	ea	2		
23	089.301	EXCUTCHEON ; 1/2"	ea	2		
24	090.400	SOAP HOLDER ; BRASS, CHROMIUM PLATED	ea	29		
25	092.400	TOWEL HOLDER	ea	9		

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26	094.400	TOILET PAPER HOLDER ; STAINLESS STEEL	ea	33		
27	095.302	HANGER ; FOUR ARMS	ea	9		
28	096.102	SHOWER CURTAIN ; 150 x 200 cm	set	9		
29	097.103	FLOOR DRAIN ; CAST IRON GRILL ; 24 x 24 cm, Ø100 mm	ea	14		
30	097.203	FLOOR DRAIN ; HARD PVC ; 10 x 10 cm, Ø50 mm	ea	17		
31	102.1208	FIRE EXTINGUISHING CABINET ; WITH TUBE ; 1" HOSE - 30 mt	ea	15		
32	103,106	WATER METER ; Ø50	ea	1		
33	104,104	FLOAT VALVE ; 1"	ea	1		
34	104,106	FLOAT VALVE ; 1 1/2"	ea	1		
35	ST-06	WATER STORAGE TANK ; MILD STEEL, 12 m <sup>3</sup>	ea	1		
36	ST-07	WATER STORAGE TANK ; STAINLESS STEEL, 6 m <sup>3</sup>	ea	1		
37	107,631	FULLY AUTOMATIC PACKAGE TYPE WATER PRESSURISING SYSTEM; 2 PUMP, VERTICAL, CENTRIFUGAL 3m <sup>3</sup> /n, 34 mWG	ea	1		
38	ST.08	FULLY AUTOMATIC PACKAGE TYPE WATER PRESSURISING SYSTEM; 2 PUMP, HORIZONTAL, CENTRIFUGAL 12m <sup>3</sup> /n, 65 mWG	set	1		
39	103,202	AIR VENT AND HOOD; PVC Ø100	ea	7		
40	117,302	STORED WATER HEATER ; ELECTRICAL , 40 lt 1500 W	ea	10		
41	ST-10	INSTANT WATER HEATER ; NATURAL GAS, HERMETIC; 13 l/min	ea	1		
42	451,411	WORK TABLE ; WITH SINK ; 600 mm WIDTH	mt	11		
43	451,602	STAINLESS STEEL SINK ; 60 x 50 x 30 cm	ea	4		
<b>HVAC INSTALLATIONS</b>						
1	HT-01	A/C INDOOR UNIT - WALL TYPE; COOLING CAPACITY 2.2 kW	set	1		
2	HT-01	A/C INDOOR UNIT - WALL TYPE; COOLING CAPACITY 2.8 kW	set	2		
3	HT-01	A/C INDOOR UNIT - WALL TYPE; COOLING CAPACITY 3.5 kW	set	7		
4	HT-01	A/C INDOOR UNIT - WALL TYPE; COOLING CAPACITY 4.2 kW	set	6		
5	HT-01	A/C INDOOR UNIT - WALL TYPE; COOLING CAPACITY 4.8 kW	set	6		
6	HT-01	A/C INDOOR UNIT - WALL TYPE;	set	5		

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		COOLING CAPACITY 5.6 kW				
7	HT-01	A/C INDOOR UNIT - WALL TYPE; COOLING CAPACITY 6.7 kW	set	3		
8	HT-01	A/C INDOOR UNIT - WALL TYPE; COOLING CAPACITY 8.0 kW	set	4		
9	HT-02	A/C INDOOR UNIT - CEILING TYPE; 2.8 kW	set	1		
10	HT-02	A/C INDOOR UNIT - CEILING TYPE; 4.8 kW	set	1		
11	HT-03	A/C OUTDOOR UNIT; COOLING CAPACITY;28 kW	set	9		
12	HT-05	SPLIT A/ C INDOOR - OUTDOOR UNIT; CEILING TYPE COOLING CAPACITY : 5.6 kW HEATING CAPACITY : 5.8 kW	set	1		
13	HT-07	EXHAUST FAN; 450 m <sup>3</sup> /h-2 mmWG	ea	1		
14	HT-07	EXHAUST FAN; 750 m <sup>3</sup> /h-5 mmWG	ea	3		
15	HT-07	EXHAUST FAN; 700 m <sup>3</sup> /h-6 mmWG	ea	2		
16	HT-08	A/C INDOOR UNIT-CASETTE CEILING TYPE (4 WAY) ; 9.0 kW	set	1		
17	HT-08	A/C INDOOR UNIT-CASETTE CEILING TYPE (4 WAY) ; 11.2 kW	set	3		
18	HT-08	A/C INDOOR UNIT-CASETTE CEILING TYPE (4 WAY) ; 14.0 kW	set	1		
19	HT-09	A/C INDOOR UNIT-CEILING DUCT TYPE ; 2.8 kW	set	3		
20	HT-09	A/C INDOOR UNIT-CEILING DUCT TYPE ; 3.5 kW	set	6		
21	HT-09	A/C INDOOR UNIT-CEILING DUCT TYPE ; 4.8 kW	set	1		
22	HT-10	EXHAUST FAN; 2800 m <sup>3</sup> /h-15 mmWG	ea	1		
23	HT-10	EXHAUST FAN; 3600 m <sup>3</sup> /h-15 mmWG	ea	1		
24	HT-11	EXHAUST FAN; 80 m <sup>3</sup> /h-6 mmWG	ea	2		
25	HT-11	EXHAUST FAN; 140 m <sup>3</sup> /h-5 mmWG	ea	9		
26	251,105	RADIAL FAN ; 5000 m <sup>3</sup> /h-20 mmWG	ea	1		
27	254,204	METAL FILTER ; 5000 m <sup>3</sup> /h	ea	1		
28	260,201	CABINET	m <sup>2</sup>	6		
29	263,303	AIR DAMPER WITH GASKET	m <sup>2</sup>	0.5		
30	477,400	OVEN HOOD (WITH FILTER)	m <sup>2</sup>	3.8		
31	261,102	AIR DUCT, WITH FLANGE ; 0.60 mm	m <sup>2</sup>	13		
32	261,103	AIR DUCT, WITH FLANGE ; 0.75 mm	m <sup>2</sup>	50		
33	267.103/ A	RETURN GRILLE ; ALUMINIUM ; 25 x 50 cm	ea	1		
34	267.303/ A	DAMPER ; ALUMINIUM	ea	1		



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<b>AUTOMATIC CONTROL INSTALLATIONS</b>						
1	315,104	HEAT SENSOR ; SUBMERSIBLE TYPE, ELECTRONIC, 50°C+	ea	1		
2	315,105	HEAT SENSOR ; OUTSIDE AIR TYPE, ELECTRONIC	ea	1		
3	327,202	SERVOMOTOR ; Ø65	ea	1		
4	331,102	VALVE SERVOMOTOR CONNECTION MECHANISM; Ø65	ea	1		
5	358,507	3 WAY VALVE BODY ; FLANGED, PN16 Ø65	ea	1		
<b>COMMON / PIPING INSTALLATIONS</b>						
1	201,104	MILD STEEL PIPE ; 1/2"	mt	8		
2	201,105	MILD STEEL PIPE ; 3/4"	mt	15		
3	201,106	MILD STEEL PIPE ; 1"	mt	50		
4	201,107	MILD STEEL PIPE ; 1 1/4"	mt	150		
5	201,108	MILD STEEL PIPE ; 1 1/2"	mt	45		
6	201,109	MILD STEEL PIPE ; 2"	mt	55		
7	201,110	MILD STEEL PIPE ; 2 1/2"	mt	3		
8	201,111	MILD STEEL PIPE ; 3"	mt	25		
9	201,203	GALVANISED STEEL PIPE ; 1/2"	mt	250		
10	201,204	GALVANISED STEEL PIPE ; 3/4"	mt	160		
11	201,205	GALVANISED STEEL PIPE ; 1"	mt	120		
12	201,206	GALVANISED STEEL PIPE ; 1 1/4"	mt	40		
13	201,207	GALVANISED STEEL PIPE ; 1 1/2"	mt	60		
14	201,208	GALVANISED STEEL PIPE ; 2"	mt	120		
15	201,400	PIPING INSTALLATION ; 1/2"-1"	%	0,30		
16	201,500	PIPING INSTALLATION ; 2 1/2"	%	0,25		
17	201.1001	MILD STEEL PIPE ; NATURAL GAS ; 1/2"	mt	8		
18	201.1002	MILD STEEL PIPE ; NATURAL GAS ; 3/4"	mt	6		
19	201.1004	MILD STEEL PIPE ; NATURAL GAS ; 1 1/4"	mt	2		
20	201.1005	MILD STEEL PIPE ; NATURAL GAS ; 1 1/2"	mt	1		
21	201.1006	MILD STEEL PIPE ; NATURAL GAS ; 2"	mt	25		
22	201.1007	MILD STEEL PIPE ; NATURAL GAS ; 2 1/2"	mt	32		
23	201,500	PIPING INSTALLATION ; WELDED	%	0,25		
24	204.1001	PVC WASTE WATER PIPE ; Ø50 mm	mt	65		
25	204.1002	PVC WASTE WATER PIPE ; Ø70 mm	mt	120		
26	204.1003	PVC WASTE WATER PIPE ; Ø100 mm	mt	240		

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27	204.1004	PVC WASTE WATER PIPE ; Ø125 mm	mt	30		
28	204.1200	PIPING INSTALLATION	%	0.35		
29	204.1005	PVC RAINWATER PIPE ; Ø100 mm	mt	380		
30	204.1200	PIPING INSTALLATION	%	0.35		
31	208,102	COLUMN DRAIN VALVE ; 3/4"	ea	3		
32	210,612	BALL VALVE ; BRASS ; 1/2"	ea	18		
33	210,613	BALL VALVE ; BRASS ; 3/4"	ea	19		
34	210,614	BALL VALVE ; BRASS ; 1"	ea	40		
35	210,615	BALL VALVE ; BRASS ; 1 1/4"	ea	6		
36	210,616	BALL VALVE ; BRASS ; 1 1/2"	ea	4		
37	210,617	BALL VALVE ; BRASS ; 2"	ea	6		
38	210,795	BALL VALVE ; FULL BORE ; Ø32 mm	ea	3		
39	210,796	BALL VALVE ; FULL BORE ; Ø40 mm	ea	5		
40	210.3001	BUTTERFLY VALVE ; Ø50 mm	ea	1		
41	210.3002	BUTTERFLY VALVE ; Ø65 mm	ea	4		
42	210.3003	BUTTERFLY VALVE ; Ø80 mm	ea	7		
43	211.1103	BALANCE VALVE ; STATIC ; Ø20 mm	ea	2		
44	211.1104	BALANCE VALVE ; STATIC ; Ø25 mm	ea	1		
45	211.1105	BALANCE VALVE ; STATIC ; Ø32 mm	ea	2		
46	216,801	CIRCULATION PUMP ; 2.0 m <sup>3</sup> /h, 1.8/6.0 mWG	ea	2		
47	216,803	CIRCULATION PUMP ; 5.0 m <sup>3</sup> /h, 2.5/7.5 mWG	ea	2		
48	221,106	STRAINER ; 2"	ea	1		
49	221,208	STRAINER ; Ø80 mm	ea	2		
50	224,301	AUTOMATIC AIR VENT ; 1/2"	ea	7		
51	227,202	CHECK VALVE ; BRASS ; 3/4"	ea	1		
52	227,405	CHECK VALVE ; BRONZE ; 1 1/2"	ea	1		
53	227,406	CHECK VALVE ; BRONZE ; 2"	ea	1		
54	228,405	CHECK VALVE ; FULL BORE ; Ø40 mm	ea	2		
55	228,407	CHECK VALVE ; FULL BORE ; Ø65 mm	ea	2		
56	MT-01	SAFETY VALVE ; SPRING LOADED, 3/4" 3.5 BAR	ea	2		
57	231,101	PIPE PAINTING ; RED LEAD 1/2" - 2"	mt	365		
58	231,102	PIPE PAINTING ; RED LEAD 2" - 4"	mt	60		
59	231,103	PIPE PAINTING ; RED LEAD 4" - 6"	mt	5		
60	231,201	PIPE PAINTING ; OIL 1/2" - 2"	mt	75		
61	231,202	PIPE PAINTING ; OIL 2 1/2"	mt	32		

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62	230,805	PIPE INSULATION ; ALUMINIUM FOLIO ; 1"-30 mm	mt	50		
63	230,807	PIPE INSULATION ; ALUMINIUM FOLIO ; 1 1/4"-30 mm	mt	150		
64	230,809	PIPE INSULATION ; ALUMINIUM FOLIO ; 1 1/2"-30 mm	mt	45		
65	230,811	PIPE INSULATION ; ALUMINIUM FOLIO ; 2"-30 mm	mt	55		
66	230,822	PIPE INSULATION ; ALUMINIUM FOLIO ; Ø76-30 mm	mt	2		
67	230,828	PIPE INSULATION ; ALUMINIUM FOLIO ; Ø89-40 mm	mt	25		
68	230,834	PIPE INSULATION ; ALUMINIUM FOLIO ; Ø108-40 mm	mt	1		
69	230,846	PIPE INSULATION ; ALUMINIUM FOLIO ; Ø133-50 mm	mt	5		
70	241,602	PREFABRICATED VALVE INSULATION JACKET; NW 20	ea	2		
71	241,603	PREFABRICATED VALVE INSULATION JACKET; NW 25	ea	1		
72	241,604	PREFABRICATED VALVE INSULATION JACKET; NW 32	ea	5		
73	241,605	PREFABRICATED VALVE INSULATION JACKET; NW 40	ea	5		
74	241,606	PREFABRICATED VALVE INSULATION JACKET; NW 50	ea	1		
75	241,607	PREFABRICATED VALVE INSULATION JACKET; NW 65	ea	4		
76	241,608	PREFABRICATED VALVE INSULATION JACKET; NW 80	ea	7		
77	MT-02	RAIN WATER PIPE ; PIG IRON	mt	9		
78	MT-03	NATURAL GAS EQUIPMENT ; GASMETER, FILTER, GAS DEDECTOR, SELONOID VALVE	set	2		
<b>HEATING INSTALLATIONS</b>						
1	KT-01	BOILER ;130 kW, WITH ATMOSPHERIC GAS BURNER, 75/60 °C, 4 bar	ea	1		
2	162,101	THERMOMETER ; COLOURED FLUID, 120 °C	ea	3		
3	163,100	HYDROMETER ; Ø100 mm, 25 mWg	ea	3		
4	165,684	RADIATOR ; ALUMINIUM, PANEL TYPE ; 525 mm	m <sup>2</sup>	222.22		
5	165,688	RADIATOR ; ALUMINIUM, PANEL TYPE ; 900 mm	m <sup>2</sup>	34		
6	KT-06	RADIATOR ; TOWEL TYPE ; (395 W at	ea	9		

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		22 <sup>0</sup> C)				
7	170,201	RADIATOR VALVE ; CORNER TYPE ; 1/2"	ea	143		
8	170,401	RADIATOR VALVE WITH THERMOSTAT ; CORNER TYPE ; 1/2"	ea	123		
9	173,102	COLLECTOR PIPE ; Ø83 / 3.25 mm	mt	1		
10	173,103	COLLECTOR PIPE ; Ø108 / 3.71 mm	mt	1		
11	173,104	COLLECTOR PIPE ; Ø133 / 7.0 mm	mt	5		
12	173,301	COLLECTOR CONNECTION ; Ø15 mm	ea	7		
13	173,302	COLLECTOR CONNECTION ; Ø20 mm	ea	5		
14	173,304	COLLECTOR CONNECTION ; Ø32 mm	ea	6		
15	173,305	COLLECTOR CONNECTION ; Ø40 mm	ea	6		
16	173,306	COLLECTOR CONNECTION ; Ø50 mm	ea	2		
17	173,307	COLLECTOR CONNECTION ; Ø65 mm	ea	4		
18	173,308	COLLECTOR CONNECTION ; Ø80 mm	ea	7		
19	174,511	EXPANSION TANK ; WITH CHANGEABLE MEMBRANE ;150 lt	ea	1		
20	KT-02	COLLECTOR SET ; 3/4"	set	24		
21	KT-02	COLLECTOR SET ; 1"	set	188		
22	KT-02	COLLECTOR SET ; 1 1/4"	set	54		
23	KT-03	RADIATOR CONNECTION SET	set	133		
24	KT-04	PIPE WITH PROTECTIVE SLEEVE	mt	3200		
25	KT-05	SMOKE CHIMNEY ; STAINLESS STEEL ; Ø 200 mm	mt	24		
<b>SUB TOTAL</b>						

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<b>İSTANBUL İŞKUR BUILDING - ELECTRICAL WORKS</b>					
<b>NO</b>	<b>DESCRIPTION</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate (EURO)</b>	<b>Amount (EURO)</b>
	<b>LV Distribution Systems</b>				
	<b>1. Cabling Infrastructure</b>				
	<b>1.1. PVC Piping</b>				
1	Ø16 PVC Piping including all fittings and accessories	m	3432.0		
2	Ø20 PVC Piping including all fittings and accessories	m	8334.0		
	<b>1.2. Cable Trays &amp; Ladders</b>				
3	Cable Tray 200mm including fittings and accessories	kg	350.0		
4	Cable Ladder 500mm including fittings and accessories	m	19.0		
	<b>1.3. PVC Cable Trunking</b>				
5	PVC Cable Trunk 50x130mm including fittings and accessories	m	410.0		
	<b>2. LV Cabling</b>				
	<b>2.1. LV Main Feeders</b>				
6	3x95+50 mm <sup>2</sup> N2XH	m	340.0		
7	3x50+35 mm <sup>2</sup> N2XH	m	70.0		
8	3x25+16 mm <sup>2</sup> N2XH	m	10.0		
9	4x4 mm <sup>2</sup> N2XH	m	454.0		
10	4x10 mm <sup>2</sup> N2XH	m	110.0		
11	4x2,5 mm <sup>2</sup> N2XH	m	53.0		
12	3x2,5 mm <sup>2</sup> N2XH	m	17.0		
	<b>2.2. Power &amp; Lighting Outlet Cabling (with Halogen Free cable)</b>				
13	3x2,5mm <sup>2</sup> NHXMH	m	6951.0		
14	3x1,5mm <sup>2</sup> NHXMH	m	1849.0		
15	4x1,5mm <sup>2</sup> NHXMH	m	1467.0		
16	2x1,5mm <sup>2</sup> NHXMH	m	183.0		
	<b>3. Sockets and Switches</b>				
17	Power Socket	ea	165.0		
18	Water Proof Power Socket	ea	18.0		
19	Power Socket (UPS)	ea	217.0		
20	Hand Dryer Unit	ea	15.0		
21	Water Heater Unit	ea	11.0		
22	Single Pole Switch	ea	60.0		
23	Double Pole Switch	ea	104.0		
24	Two way switch	ea	8.0		
25	Waterproof Single Pole Switch	ea	1.0		

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26	Waterproof Double Pole Switch	ea	2.0		
27	Push Button	ea	18.0		
28	Electrical Window Louver Switch	ea	128.0		
<b>4. LV Power Panels</b>					
<b>4.1. Main Distribution Panel</b>					
29	MDP	set	2.0		
30	MDP-E	set	1.0		
31	MDP-UPS	set	1.0		
32	Compensation (set)	kVA	155.0		
<b>4.2. Sub Distribution Panels</b>					
33	BK-LP	set	1.0		
34	ZK-LP	set	1.0		
35	1K-LP	set	1.0		
36	2K-LP	set	1.0		
37	3K-LP	set	1.0		
38	BK-UPS	set	1.0		
39	ZK-UPS	set	1.0		
40	1K-UPS	set	1.0		
41	2K-UPS	set	1.0		
42	3K-UPS	set	1.0		
43	BK-ELP	set	1.0		
44	ZK-ELP	set	1.0		
45	1K-ELP	set	1.0		
46	2K-ELP	set	1.0		
47	3K-ELP	set	1.0		
<b>4.3. Motor Control Center</b>					
48	HR-PP	set	1.0		
49	D-PP	set	1.0		
50	F-PP	set	1.0		
51	K-PP	set	1.0		
52	MCC-R	set	1.0		
53	EL-PP1	set	1.0		
54	EL-PP2	set	1.0		
<b>5. Lighting Fixtures</b>					
<b>5.1. Indoor Lighting Fixtures (All ballasts shall be Electronic type)</b>					
55	L1-4x18W Recessed Mounted Fluorescent Luminaire (Bright Aluminium Double Parabolic refl. type)	ea	270.0		
56	L2-2x36W Waterproof Fluorescent Luminaire	ea	17.0		
57	L3-2x36W Ceiling Mounted Fluorescent Luminaire (White, Powder painted steel with plastic end-caps, and opal or prismatic cover)	ea	8.0		

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58	L4-2x18W Ceiling Mounted Fluorescent Luminaire (White, Powder painted steel with plastic end-caps, and opal or prismatic cover	ea	19.0		
59	L5-2x36W Ceiling Mounted Fluorescent Luminaire (White, Powder painted steel with plastic end-caps, and opal or prismatic cover)	ea	61.0		
60	L6-75W Wall Mounted Luminaire	ea	12.0		
61	L7-2x18W Waterproof Fluorescent Luminaire	ea	44.0		
62	L8-60W Waterproof Surface Mounted Luminaire	ea	74.0		
63	L9-2x18W Recessed Mounted Downlight	ea	52.0		
64	L10-60W Wall Surface Mounted Luminaire (Oval Caged)	ea	11.0		
65	L11-2x36W Ceiling Mounted Fluorescent Plexiglas Luminaire (Batten type)	ea	18.0		
66	L12-40W Recessed Mounted Downlight	ea	14.0		
67	L13-100W Indirect Lighting Luminaire / Lambader	ea	10.0		
68	Emergency Lighting Kit 18W (one hour)	ea	78.0		
	<b>5.2. Emergency Exit Lighting Fixtures</b>				
69	Emergency Exit Lighting Fixtures 9W, three hours	ea	24.0		
	<b>5.3. Outdoor Lighting Fixtures</b>				
70	L-100W Pole Top Outdoor Lighting Luminaire Luminaire	ea	6.0		
	<b>6. Grounding System</b>				
	<b>6.1. Operating Ground System</b>				
71	4 mm <sup>2</sup> 07Z1-U	m	110.0		
72	16 mm <sup>2</sup> 07Z1-U	m	20.0		
73	4 mm <sup>2</sup> Cu Conductor	m	254.0		
74	6 mm <sup>2</sup> Cu Conductor	m	0.0		
75	10 mm <sup>2</sup> Cu Conductor	m	110.0		
76	16 mm <sup>2</sup> Cu Conductor	m	10.0		
77	25 mm <sup>2</sup> Cu Conductor	m	0.0		
78	35 mm <sup>2</sup> Cu Conductor	m	70.0		
79	50 mm <sup>2</sup> Cu Conductor	m	380.0		
80	f20mm,l=1,5m Earthing Electrodes Rod (Copper) (With fittings and accessories)	ea	9.0		
	<b>6.2. Lightning Protection System</b>				
81	Active Type arrestor	ea	1.0		
82	Test Connector	ea	1.0		
83	Lightning Protection Cu Conductor 50mm <sup>2</sup>	m	50.0		
84	Conductor Protection Pipe	ea	1.0		

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85	f20mm,l=1,5m Earthing Electrodes Rod (Copper) (With fittings and accessories)	ea	3.0		
86	Cu Cond. Fixing Accessories	ea	50.0		
	<b>7. Uninterruptable Power Supply (UPS) Unit</b>				
87	Uninterruptable Power Supply 50 kVA 15 min.	ea	1.0		
	<b>8. Diesel Generator Set</b>				
88	120kVA Diesel Generator	set	1.0		
	<b>Weak Current Systems</b>				
	<b>9. Fire Alarm System</b>				
	<b>9.1. Fire Alarm Detectors</b>				
89	Optic Detector	ea	89.0		
90	Heat Detector	ea	2.0		
91	Manual Call Point	ea	15.0		
92	Fire Alarm Horn	ea	10.0		
	<b>9.2. Fire Alarm Central Unit</b>				
93	Fire Alarm Panel	set	1.0		
	<b>9.3. Fire Alarm System Cabling</b>				
94	2x2x0,5mm <sup>2</sup> JH(st)H	m	512.0		
95	3x2,5mm <sup>2</sup> NHXMH	m	90.0		
	<b>10. Public Address and Sound System (PA&amp;S)</b>				
	<b>10.1. Speakers and Volume Control Unit</b>				
96	Ceiling Mounted Speaker Unit 6W	ea	80.0		
97	Volume Control Unit with Emergency Announcement Relay	ea	47.0		
	<b>10.2. PA&amp;S System Central Unit</b>				
98	Public Address and Sound System Central Unit	set	1.0		
99	(Including Emergency Fire Announ. Unit, 1CD, 1 Tuner Sources)				
	<b>10.3. PA&amp;S System Cabling</b>				
100	2x1,5 LIHCH	m	425.0		
101	4x1.5 LIHCH	m	290.0		
	<b>11. Data &amp; Telephone Distribution System</b>				
	<b>11.1 Data &amp; Telephone Sockets</b>				
102	Telephone Socket RJ11	ea	91.0		
103	Data Socket RJ45	ea	156.0		
	<b>11.2. Data Patch Panels</b>				
104	Patch Panel with 48 pair	set	1.0		
105	Patch Panel with 24 pair	set	3.0		
106	Data System Server Unit	set	1.0		
	<b>11.3. Telephone Dist. Boxes</b>				
107	20 pair Telephone Distribution Box	set	2.0		
108	30 pair Telephone Distribution Box	set	2.0		
109	50 pair Telephone Distribution Box	set	1.0		
	<b>11.4. Telephone Distribution System Central Unit</b>				



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110	Telephone Distribution System Central Unit 8/96 ISDN	set	1.0		
	<b>11.5. Data Cables</b>				
111	Cat5E UTP	m	2475.0		
	<b>11.6. Telephone Cables</b>				
112	2p Telephone cable HBH	m	1365.0		
113	20p Telephone cable HBH	m	80.0		
114	30p Telephone cable HBH	m	60.0		
115	50p Telephone cable HBH	m	35.0		
	<b>12. CCTV System</b>				
	<b>12.1. Site CCTV Camera Units</b>				
116	CCTV Camera 1/3" Color including all accessories	ea	9.0		
	<b>12.2. CCTV Central Unit</b>				
117	CCTV Central Unit	set	1.0		
	<b>12.3. CCTV Sys. Cabling</b>				
118	3x2,5 mm <sup>2</sup> NHXMH	m	145.0		
119	RG59-U6 HFFR	m	270.0		
	<b>13. TV Distribution System</b>				
	<b>13.1. TV Sockets</b>				
120	TV Socket	ea	41.0		
121	1/2 Splitter	ea	1.0		
122	1/6 Splitter	ea	3.0		
123	1/8 Splitter	ea	3.0		
	<b>13.2. TV Distribution Boxes and Accessories</b>				
124	Floor Distributon Box	ea	7.0		
125	TV Distribution Central Unit & Antenna set (1 VHF+1 UHF)	set	1.0		
	<b>13.3. TV System Cabling</b>				
126	RG6-U4 HFFR	m	685.0		
	<b>14. Card Access System</b>				
127	Card Reader	ea	0.0		
128	Keypad	ea	0.0		
129	Door Lock	ea	0.0		
130	Magnetic Contact	ea	0.0		
131	Opening Button	ea	0.0		
132	Central Unit	ea	0.0		
133	Cabling	set	0.0		
	<b>15. Elevator</b>				
134	Passenger Elevator 630 kg capacity, 4 stop	set	1.0		
135	Handicapped Elevator 630 kg capacity, 4 stop	set	1.0		
<b>SUB TOTAL:</b>					

#### 4.2.7.3 Söke Breakdown of Overall Price

##### SUMMARY - Soke

Bill	Description	Amount (Euro)
	Civil Works	
	Mechanical Works	
	Electrical Works	
<b>3</b>	<b>Sub Total (Soke)</b>	

<b>SÖKE İŞKUR BUILDING - CIVIL WORKS</b>						
	<b>Item no</b>	<b>DESCRIPTION</b>	<b>Unit</b>	<b>Quant ity</b>	<b>Rate</b>	<b>Amou nt</b>
	<b>1</b>	<b>DEMOLITION</b>				
1	Specif. 20	Removing existing plaster (interior)	m2	6298		
2	Specif. 20	Removing existing plaster (exterior)	m2	1976		
3	Specif. 20	Removing existing walls and floors	m3	127		
4	Specif. 20	Removing windows.doors & doors frame	no	253		
	<b>2</b>	<b>EARTHWORK</b>				
5	14.012/1	Manual Excavation	m3	14		
6	15.140/2	Manual Sand Laying (thickness=15cm)	m3	2		
7	17.136	Hardcore (thickness=15 cm)	m3	2		
	15001/1	Machinery Excavation	m3	115		
	<b>3</b>	<b>INFRASTRUCTURAL WORK</b>				
8	18.460/8	100 mm diameter PVC pipe	m	115		
	<b>4</b>	<b>INSULATION WORK</b>				
9	18.466/3	2 layers of bitumenious membrane water insulation.1.st layer 3mm glass fiber,2.nd layer polyesther reinforced	m2	597		
10	19.050/3	Heat insulation on the roof slab 10 cm (fixing wooden lathes and nails are inculuded	m2	1552		
11	Specif 13	Heat insulation for exterior surfaces walls (4 cm + Fiberglass mesh+plaster)	m2	1699		
12	Specif 13	Heat insulation on the basement ceilings (5 cm)	m2	374		
13	Specif 13	Heat insulation on entrance canopy (t=5cm extruded polystyrene boards)	m2	16		
	<b>5</b>	<b>CONCRETE WORK</b>				
14	16.002	Concrete 200kg/m3	m3	2		
15	16.058/1	Reinforcement concrete (BS 20)	m3	69		
	<b>6</b>	<b>REINFORCEMENT</b>				
16	23.014	High yield bars (8-12)mm	to	1.5		

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17	23.015	High yield bars (14-26)mm	to	5		
	<b>7</b>	<b>FORMWORK</b>				
18	21.011	Wooden formwork for reinforced concrete and concrete	m2	395		
19	21.054	Wooden scaffolding for formwork	m2	207		
20	21.065	Scaffolding (h=0-12.50 m)	m2	2223		
	<b>8</b>	<b>WALL WORKS</b>				
21	18.102/1	Gas Concrete 9 cm	m3	96		
22	18.106/1	Gas Concrete 19 cm	m3	43		
23	Specif 9	Flue blockwork (Ø130,Ø150 and Ø200)(including reinforced concrete encasement at roof and cap)	m2	43		
24	Specif 11	Partition Wall	m2	60		
	<b>9</b>	<b>WINDOWS &amp; DOORS</b>				
25	23.244/E	Aluminium Windows (electrostatics paint)	m	46		
26	23.244/L	Aluminium Windows (electrostatics paint)	m	2344		
27	28.003	Glass 4mm	m2	60		
28	28.097	Glass (4+12+4)	m2	391		
29	Specif	Door subframe	m	1135		
30	Specif 35	Laminated fabrication wing+lock+ 3 double-acting hinges	no	146		
31	Specif 33	Fire Escapece Aluminium doors	no	4		
	<b>10</b>	<b>ROOF WORKS</b>				
32	18.211	Interlocking roof tile covering type (marsilya)	m2	2025		
33	18.231	Interlocking ridge tile covering type (marsilya)	m	118		
34	Specif 25	One layer poehtylen-spinnvlis paper beneath the roof tile	m2	2025		
35	24.061	100 mm diameter PVC rainwater pipe	m	185		
36	24.064	150 mm diameter PVC rainwater gutter	m	191		
37	24.016	Zinc plate for roof gully	m	151		
38	24.020	Zinc plate for parapet and chimney	m	21		
	<b>11</b>	<b>METAL WORKS</b>				
39	23.167	Metal schaft doors	m	98		

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40	23.176	Miscellaneous steel works	kg	1500		
41	23.220	Stair case and balcony balustrades and handrails	kg	900		
42	23.243/1 B	Printed batten aluminium suspended ceiling	m2	392		
	<b>12</b>	<b>PLASTER WORKS</b>				
43	27.501	Plaster 1st layer 250 kg/m2 cement 2nd layer 300 kg/m2 cement	m2	2757		
44	27.525	Gypsum plaster	m2	4746		
45	27.581	Construction of leveling layer	m2	392		
	<b>13</b>	<b>FINISHING WORKS</b>				
46	21.281	Wooden Basedboard	m	1000		
47	25.016	Oil paint for iron works	m2	29		
48	25.021	3 coat Oil paint	m2	4746		
49	25.034	Acrylic based exterior paint	m2	1688		
50	25.045	3 coat limewash	m2	544		
51	25.117	PVC Basedboard	m	481		
52	26.502	Paving with white cemented marble chipped plates	m2	375		
53	26.662	Paving and polishing of the ready made stair steps with white cemented marble chipped plates (inculded baseboard)	m	67		
54	26.701	Marble Windowsill	m	276		
55	26.752	3 cm marble balustrade	m	276		
56	28.121	190x190x90 mm glass tile wall	m2	20		
57	25.048/1	3 coat plastic whitewash	m2	1055		
58	26.192/1 +	200x200x9 mm Paving with plain colored glazed ceramic tile (floor)	m2	484		
59	26.195/4 +	330x330x9 mm Paving with plain colored glazed granite-ceramic tile	m2	762		
60	Specif	200x250x9 mm Paving with plain colored glazed ceramic tile (wall)	m2	1541		
61	Specif 12	Carpet	m2	750		
62	Specif 10	Metal Suspended ceiling	m2	323		
63	Specif 10	Rock Wool Suspended ceiling	m2	2140		
64	Specif 12	PVC Based Floor covering	m2	968		
65	Specif 19	Self Levelling	m2	968		
66	Specif 35	Door handle with rosette	no	146		

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67	Specif 34	Marble Threshold	m	43		
68	Specif 31	Windows Shutter	m2	391		
69	Specif 39	Compact	m2	96		
70	Specif 36	Granit Steps	m	241		
<b>SUB TOTAL</b>						

<b>SÖKE İŞKUR BUILDING (TRAINING BUILDING) - MECHANICAL WORKS</b>						
	<b>Item no</b>	<b>DESCRIPTION</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
		<b>SANITARY INSTALLATIONS</b>				
1	071.101	WASH BASIN ; 28 x 35 cm	ea	1		
2	071.109	WASH BASIN ; UNDER WORK TABLE, 45 x 55 cm	ea	12		
3	ST-02	WASH BASIN ; PHYSICALLY HANDICAPPED	ea	1		
4	072.101	WASH BASIN INSTALLATION ; LONG TAP	set	1		
5	ST-09	WASH BASIN INSTALLATION ; LONG TAP	set	13		
6	073.202	MIRROR ; CRYSTAL ; 40 x 60 cm	ea	14		
7	074.102	SHELF ; VITREOUS CHINA ; 60 x 15 cm	ea	2		
8	075.104	SQUATTING WC BOWL ; 60 x 70 cm	ea	8		
9	076.500	SQUATTING WC BOWL INSTALLATIONS ; WITH FLUSH VALVE	set	8		
10	079.100	WC BOWL WITH CLOSED COUPLED CISTERN AND INSTALLATIONS	set	4		
11	ST-03	WC BOWL AND INSTALLATIONS ; PHYSICALLY HANDICAPPED	set	1		
12	ST-04	FIXED HOLDING BAR FOR WC BOWL ; PHYSICALLY HANDICAPPED	ea	1		
13	ST-05	MOVABLE HOLDING BAR (INCLUDING TOILET PAPER HOLDER) FOR WC BOWL ; PHYSICALLY HANDICAPPED	set	1		
14	080.102	URINAL AND INSTALLATIONS ; 35 x 40 x 50 cm	set	4		
15	081.301	URINAL SEPERATOR ; VITREOUS CHINA ; 40 x 50 cm	ea	4		
16	083.202	SINGLE SINK WITH DRAINER ; STAINLESS STEEL ; 50 x 100 x 15 cm	ea	1		
17	084.107	SINK INSTALLATION ; LONG TAP	set	1		
18	087.201	TAP; LONG ,1/2"	ea	1		
19	089.105	TAP; LONG ,1/2"	ea	1		
20	089.301	EXCUTCHEON ; 1/2"	ea	1		
21	094.400	TOILET PAPER HOLDER ; STAINLESS STEEL	ea	12		
22	097.103	FLOOR DRAIN ; CAST IRON GRILL ;	ea	2		

**CENTRAL FINANCE AND CONTRACTS UNIT –CFCU**

		24 x 24 cm, Ø100 mm				
23	102.1208	FIRE EXTINGUISHING CABINET ; WITH TUBE ; 1" HOSE - 30 mt	ea	3		
24	097.602	FLOOR DRAIN ; BATH 17 x 17 cm	ea	10		
		<b>HVAC INSTALLATIONS</b>				
1	251.106- 107	RADIAL FAN : 7500 m <sup>3</sup> /h - 18 mmWG	ea	1		
2	260,202	CABINET : 7500 m <sup>3</sup> /h	m <sup>2</sup>	6.60		
3	261,102	AIR DUCT ; FLANGED, 499 mm, 60 mm	m <sup>2</sup>	106		
4	261,103	AIR DUCT ; FLANGED, 990 mm, 75 mm	m <sup>2</sup>	195		
5	261,104	AIR DUCT ; FLANGED, 1490 mm, 90 mm	m <sup>2</sup>	125		
6	261,600	AIR DUCT INSTALLATION MATERIAL ; FLEXIBLE, ALUMINIUM	%	0.35		
7	263,101	AIR DAMPER	m <sup>2</sup>	4		
8	263,304	AIR DAMPER ; ALUMINIUM , WITH GASKET	m <sup>2</sup>	0.60		
9	266,504	DUCT ACOUSTTIC ISOLATION ; 20 mm	m <sup>2</sup>	426		
10	268.209/ A	DIFFUSOR ; SQUARE, ALUMINIUM, FIXED BLADE ;60 x 60 cm	ea	42		
11	268.309/ A	DAMPER FOR DIFFUSOR ; ALUMINIUM	ea	42		
12	269,103	SHUTTER ; ALUMINIUM	m <sup>2</sup>	1		
13	270,000	MESHED WIRE	m <sup>2</sup>	1		
14	790,211	ELECTRIC MOTOR ; 4 kW, 1450 rpm	ea	1		
15	HT-05	SPLIT A/C UNIT ; WALL TYPE ; Q <sub>cool</sub> :2.05 kW ; Q <sub>heat</sub> : 2.30 kW	set	2		
16	HT-12	AIR DUCT ; ACOUSTIC INSULATED, FLEXIBLE, ALUMINIUM	m <sup>2</sup>	30		
17	HT-13	A/C UNIT MONTAGE ; SPLIT TYPE	set	14		
18	HT-14	A/C UNIT ; ROOF TOP	set	1		
		<b>COMMON / PIPING INSTALLATIONS</b>				
1	201,203	GALVANISED STEEL PIPE ; 1/2"	mt	45		
2	201,204	GALVANISED STEEL PIPE ; 3/4"	mt	30		
3	201,205	GALVANISED STEEL PIPE ; 1"	mt	25		
4	201,206	GALVANISED STEEL PIPE ; 1 1/4"	mt	40		
5	201,207	GALVANISED STEEL PIPE ; 1 1/2"	mt	8		
6	201,208	GALVANISED STEEL PIPE ; 2"	mt	55		
7	201,400	PIPING INSTALLATION ; 1/2"-2"	%	0,30		
8	201,207	GALVANISED STEEL PIPE ; 1 1/2"	mt	50		
9	201,208	GALVANISED STEEL PIPE ; 2"	mt	50		



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10	201,700	PIPING INSTALLATION ; IN GALERY	%	0.15		
11	204.1001	PVC WASTE WATER PIPE ; Ø50 mm	mt	35		
12	204.1002	PVC WASTE WATER PIPE ; Ø70 mm	mt	45		
13	204.1003	PVC WASTE WATER PIPE ; Ø100 mm	mt	60		
14	204.1200	PIPING INSTALLATION	%	0.35		
15	204.1001	PVC RAIN WATER PIPE ; Ø50 mm	mt	60		
16	204.1003	PVC RAIN WATER PIPE ; Ø100 mm	mt	120		
17	204.1200	PIPING INSTALLATION FOR RAINWATER	%	0.35		
18	210,615	BALL VALVE ; BRASS ; 1 1/4"	ea	2		
19	210,616	BALL VALVE ; BRASS ; 1 1/2"	ea	1		
20	210,617	BALL VALVE ; BRASS ; 2"	ea	1		
21	230,810	PIPE INSULATION ALUMINIUM FOLIO ; 1 1/2" - 40 mm	mt	50		
22	230,812	PIPE INSULATION ALUMINIUM FOLIO ; 2" - 40 mm	mt	50		
23	233,100	WELDED CONSTRUCTION ; IN GALLERY	kg	160		
		<b>HEATING INSTALLATIONS</b>				
1	KT-06	PANEL HEATER ; ELECTRICAL ; 500 W	ea	5		
2	KT-06	PANEL HEATER ; ELECTRICAL ; 750 W	ea	1		
3	KT-06	PANEL HEATER ; ELECTRICAL ; 1000 W	ea	2		
4	KT-06	PANEL HEATER ; ELECTRICAL ; 1250 W	ea	1		
5	KT-06	PANEL HEATER ; ELECTRICAL ; 1500 W	ea	2		
<b>SUB TOTAL</b>						

<b>SÖKE İŞKUR BUILDING (GUESTHOUSE BUILDING) - MECHANICAL WORKS</b>						
	<b>Item no</b>	<b>DESCRIPTION</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
		<b>SANITARY INSTALLATIONS</b>				
1	ST-01	WASH BASIN ; HALF PEDESTAL, 60 cm VITREOUS CHINA	ea	37		
2	071.109	WASH BASIN ; UNDER WORK TABLE, 45 x 55 cm	ea	11		
3	072.301	WASH BASIN INSTALLATION ; MIXER BATTERY	set	48		
4	073.202	MIRROR ; CRYSTAL ; 40 x 60 cm	ea	48		
5	074.102	SHELF ; VITREOUS CHINA ; 60 x 15 cm	ea	37		
6	075.104	SQUATTING WC BOWL ; 60 x 70 cm	ea	8		
7	076.500	SQUATTING WC BOWL INSTALLATIONS ; WITH FLUSH VALVE	set	8		
8	079.100	WC BOWL WITH CLOSED COUPLED CISTERN AND INSTALLATIONS	set	39		
9	080.102	URINAL AND INSTALLATIONS ; 35 x 40 x 50 cm	set	4		
10	081.301	URINAL SEPERATOR ; VITREOUS CHINA ; 40 x 50 cm	ea	4		
11	087.501	SHOWER INSTALLATION ; WITH MIXER BATTERY	set	42		
12	087.604	SHOWER TRAY ; ACRYLIC, CORNER TYPE 80 x 80 cm	set	42		
13	090.400	SOAP HOLDER ; BRASS, CHROMIUM PLATED	ea	79		
14	092.200	TOWEL HOLDER ; BRASS, CHROMIUM PLATED	ea	37		
15	094.400	TOILET PAPER HOLDER ; STAINLESS STEEL	ea	47		
16	095.302	HANGER ; FOUR ARMS	ea	36		
17	096.101	SHOWER CURTAIN ; 100 x 200 cm	set	42		
18	097.103	FLOOR DRAIN ; CAST IRON GRILL ; 24 x 24 cm, Ø100 mm	ea	4		
19	097.602	FLOOR DRAIN ; BATH ; 17 x 17 cm	ea	45		
20	102.1208	FIRE EXTINGUISHING CABINET ; WITH TUBE ; 1" HOSE - 30 mt	ea	4		
21	103,103	WATER METER ; 1 "	ea	1		
22	103,107	WATER METER ; Ø65 mm	ea	1		
23	104,107	FLOAT VALVE ; 2"	ea	2		
24	ST-06	WATER STORAGE TANK ; MILD STEEL, 14 m <sup>3</sup>	ea	1		

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25	ST-07	WATER STORAGE TANK ; STAINLESS STEEL ; 13.5 m <sup>3</sup>	ea	1		
26	107,631	FULLY AUTOMATIC PACKAGE TYPE WATER PRESSURISING SYSTEM; 2 PUMP, VERTICAL, CENTRIFUGAL 15m <sup>3</sup> /n, 34 mWG	ea	1		
27	109,101	COLLECTOR PIPE ; 2"	mt	2		
28	109,102	COLLECTOR PIPE ; 3"	mt	2		
29	109,103	COLLECTOR PIPE ; 4"	mt	2		
30	109,104	COLLECTOR PIPE ; 5"	mt	3		
31	109,201	COLLECTOR CONNECTION ; Ø15 mm	ea	8		
32	109,202	COLLECTOR CONNECTION ; Ø20 mm	ea	4		
33	109,203	COLLECTOR CONNECTION ; Ø25 mm	ea	2		
34	109,204	COLLECTOR CONNECTION ; Ø32 mm	ea	8		
35	109,205	COLLECTOR CONNECTION ; Ø40 mm	ea	1		
36	109,206	COLLECTOR CONNECTION ; Ø50 mm	ea	7		
37	109,207	COLLECTOR CONNECTION ; Ø65 mm	ea	1		
38	109,208	COLLECTOR CONNECTION ; Ø80 mm	ea	6		
39	ST.08	FULLY AUTOMATIC PACKAGE TYPE WATER PRESSURISING SYSTEM; 2 PUMP, HORIZONTAL, CENTRIFUGAL, 12m <sup>3</sup> /n, 65 mWG	ea	1		
40	113,202	AIR VENT AND HOOD ; PVC, Ø100 mm	ea	9		
41	129,402	PLASTIC VALVE BOX ; 260 x 380 x 300 mm	ea	10		
42	ST-11	DRAINAGE PUMP ; 6 m <sup>3</sup> /h, 8 mWG	ea	2		
43	ST-12	WATER HEATER ; 3 x 600 lt DOUBLE COIL	set	2		
44	ST-13	GREASE SEPARATOR ; 2 lt/s	ea	1		
45	ST-14	SAND FILTER ; 2m <sup>3</sup> /h, 20m/h	set	1		
46	ST-15	WATER SOFTENER UNIT ; 2 m <sup>3</sup> /h, 20 m/h	set	1		
47	ST-16	SOLAR ENERGY COLLECTING SYSTEM	set	41		
48	503,102	STEAM IRON ; CYLINDIRICAL, Ø450 mm, L=1200 mm	ea	1		

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<b>HVAC INSTALLATIONS</b>					
1	251,105	RADIAL FAN ; 5000 m <sup>3</sup> /h-25 mmWG	ea	1	
2	254,204	METAL FILTER ; 5000 m <sup>3</sup> /h	ea	1	
3	260,201	CABINET	m <sup>2</sup>	6	
4	263,303	AIR DAMPER WITH GASKET	m <sup>2</sup>	0.5	
5	261,102	AIR DUCT, WITH FLANGED ; 499 mm, 0.60 mm	m <sup>2</sup>	66	
6	261,103	AIR DUCT, WITH FLANGED ; 990 mm 0.75 mm	m <sup>2</sup>	14	
7	267.103/A	RETURN GRILLE ; ALUMINIUM ; 50 x 25 cm	ea	5	
8	267.303/A	DAMPER ; ALUMINIUM	ea	5	
9	269,103	SHUTTER ; ALUMINIUM	m <sup>2</sup>	0.5	
10	270,000	MESHED WIRE	m <sup>2</sup>	0.5	
11	267,503	GRILLE ; ALUMINIUM, FIXED BLADE ; 40 x 40 cm	ea	37	
12	270,000	MESHED WIRE	m <sup>2</sup>	5.92	
13	790,211	ELECTRIC MOTOR ; 4 kW,1450 rpm	ea	1	
14	HT-03	A/C OUTDOOR UNIT; COOLING CAPACITY ; 28.0 kW	set	4	
15	HT-08	A/C INDOOR CASSETTE CEILING COOLING CAPACITY;11.2 kW	set	3	
16	HT-15	A/C INDOOR CEILING DUCT TYPE COOLING CAPACITY:2.2 kW	set	39	
17	HT-15	A/C INDOOR CEILING DUCT TYPE COOLING CAPACITY:2.8 kW	set	2	
<b>AUTOMATIC CONTROL INSTALLATIONS</b>					
1	315,104	HEAT SENSOR ; SUBMERSIBLE TYPE, ELECTRONIC, 50°C+	ea	1	
2	315,105	HEAT SENSOR ; OUTSIDE AIR TYPE, ELECTRONIC	ea	1	
3	327,202	SERVOMOTOR ; Ø50	ea	1	
4	331,102	VALVE SERVOMOTOR CONNECTION MECHANISM; Ø50	ea	1	
5	358,506	3 WAY VALVE BODY ; FLANGED, PN16 Ø50	ea	1	
6	317,200	ELECTRONIC BOILER CONTROL PANEL	ea	1	
7	OT- 01	AUTOMATIC SOLAR HEATING CONTROL PANEL	set	1	
<b>COMMON / PIPING INSTALLATIONS</b>					
1	201,104	MILD STEEL PIPE ; 1/2"	mt	80	
2	201,105	MILD STEEL PIPE ; 3/4"	mt	30	
3	201,106	MILD STEEL PIPE ; 1"	mt	60	

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4	201,107	MILD STEEL PIPE ; 1 1/4"	mt	90		
5	201,108	MILD STEEL PIPE ;1 1/2"	mt	100		
6	201,109	MILD STEEL PIPE ; 2"	mt	80		
7	201,110	MILD STEEL PIPE ; 2 1/2"	mt	70		
8	201,110	MILD STEEL PIPE ; 3"	mt	120		
9	201,111	MILD STEEL PIPE ; 4"	mt	80		
10	201,400	PIPING INSTALLATION ; 1/2"-2"	%	0,30		
11	201,500	PIPING INSTALLATION ; 2" - 4"	%	0.25		
12	201,203	GALVANISED STEEL PIPE ; 1/2"	mt	200		
13	201,204	GALVANISED STEEL PIPE ; 3/4"	mt	400		
14	201,205	GALVANISED STEEL PIPE ; 1"	mt	480		
15	201,206	GALVANISED STEEL PIPE ; 1 1/4"	mt	160		
16	201,207	GALVANISED STEEL PIPE ; 1 1/2"	mt	90		
17	201,208	GALVANISED STEEL PIPE ; 2"	mt	150		
18	201,209	GALVANISED STEEL PIPE ; 2 1/2"	mt	100		
19	201,400	PIPING INSTALLATION ;	%	0,30		
20	204.1001	PVC WASTE WATER PIPE ; Ø50 mm	mt	180		
21	204.1002	PVC WASTE WATER PIPE ; Ø70 mm	mt	200		
22	204.1003	PVC WASTE WATER PIPE ; Ø100 mm	mt	450		
23	204.1200	PIPING INSTALLATION	%	0.35		
24	204.1003	PVC RAIN WATER PIPE ; Ø100 mm	mt	150		
25	204.1200	PIPING INSTALLATION	%	0.35		
26	207,605	COLUMN VALVE ; BRASS, WITH DRAIN ; 1 1/2"	ea	6		
27	208,102	COLUMN DRAIN VALVE ; 3/4"	ea	6		
28	210,612	BALL VALVE ; BRASS ; 1/2"	ea	101		
29	210,613	BALL VALVE ; BRASS ; 3/4"	ea	25		
30	210,614	BALL VALVE ; BRASS ; 1"	ea	77		
31	210,615	BALL VALVE ; BRASS ; 1 1/4"	ea	12		
32	210,616	BALL VALVE ; BRASS ; 1 1/2"	ea	1		
33	210,617	BALL VALVE ; BRASS ; 2"	ea	22		
34	210,618	BALL VALVE ; BRASS ; 2 1/2"	ea	3		
35	210.3002	BUTTERFLY VALVE ; Ø65 mm	ea	18		
36	210.3003	BUTTERFLY VALVE ; Ø80 mm	ea	10		
37	210.3004	BUTTERFLY VALVE ; Ø100 mm	ea	9		
38	211.1105	BALANCE VALVE ; STATIC ; Ø32 mm	ea	3		
39	216,803	CIRCULATION PUMP (HOT WATER CIRCUIT) ; 4.5 m <sup>3</sup> /h, 1.5/3.0 mWG	ea	2		
40	216,805	CIRCULATION PUMP (WATER HEATER CIRCUIT) ; 14 m <sup>3</sup> /h, 3.5/7.0 mWG	ea	2		

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41	216,810	CIRCULATION PUMP (SOLAR COLLECTOR CIRCUIT) ; 5.3 m <sup>3</sup> /h, 4.5/8.0 mWG	ea	2		
42	216,810	CIRCULATION PUMP (RADIATOR CIRCUIT) ; 5.0 m <sup>3</sup> /h, 3.0/6.5 mWG	ea	2		
43	221,106	STRAINER ; 2"	ea	2		
44	221,207	STRAINER ; Ø65 mm	ea	2		
45	221,209	STRAINER ; Ø100 mm	ea	1		
46	224,301	AUTOMATIC AIR VENT ; 1/2"	ea	14		
47	227,202	CHECK VALVE ;BRASS ; 3/4"	ea	1		
48	227,203	CHECK VALVE ;BRASS ; 1"	ea	2		
49	227,204	CHECK VALVE ;BRASS ; 1 1/4"	ea	4		
50	227,206	CHECK VALVE ;BRASS ; 2"	ea	3		
51	227,207	CHECK VALVE ;BRASS ; 2 1/2"	ea	1		
52	228,407	CHECK VALVE ; FULL BORE ; Ø65 mm	ea	2		
53	228,408	CHECK VALVE ; FULL BORE ; Ø80 mm	ea	2		
54	228,409	CHECK VALVE ; FULL BORE ; Ø100 mm	ea	2		
55	230,402	PIPE INSULATION ; GALVANIZED STEEL ; 1/2"- 30 mm	mt	75		
56	230,404	PIPE INSULATION ; GALVANIZED STEEL ; 3/4"- 30 mm	mt	25		
57	230,406	PIPE INSULATION ; GALVANIZED STEEL ; 1"- 40 mm	mt	20		
58	230,408	PIPE INSULATION ; GALVANIZED STEEL ; 1 1/4"- 40 mm	mt	55		
59	230,410	PIPE INSULATION ; GALVANIZED STEEL ; 1 1/2"- 40 mm	mt	40		
60	230,412	PIPE INSULATION ; GALVANIZED STEEL ; 2"- 40 mm	mt	50		
61	230,429	PIPE INSULATION ; GALVANIZED STEEL ; Ø80 - 50 mm	mt	40		
62	230,803	PIPE INSULATION ; ALUMINIUM FOLIO ; 3/4"- 25 mm	mt	200		
63	230,805	PIPE INSULATION ; ALUMINIUM FOLIO ; 1"-30 mm	mt	390		
64	230,807	PIPE INSULATION ; ALUMINIUM FOLIO ; 1 1/4"-30 mm	mt	155		
65	230,809	PIPE INSULATION ; ALUMINIUM FOLIO ; 1 1/2"-30 mm	mt	110		
66	230,811	PIPE INSULATION ; ALUMINIUM FOLIO ; 2"-30 mm	mt	62		
67	230,823	PIPE INSULATION ; ALUMINIUM	mt	70		

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		FOLIO ; Ø76-40 mm				
68	230,828	PIPE INSULATION ; ALUMINIUM FOLIO ; Ø89-40 mm	mt	122		
69	230,838	PIPE INSULATION ; ALUMINIUM FOLIO ; Ø114-40 mm	mt	84		
70	230,846	PIPE INSULATION ; ALUMINIUM FOLIO ; Ø133-50 mm	mt	3		
71	230,849	PIPE INSULATION ; ALUMINIUM FOLIO ; Ø159-50 mm	mt	4		
72	231,101	PIPE PAINTING ; RED LEAD 1/2" - 2"	mt	440		
73	231,102	PIPE PAINTING ; RED LEAD 2" - 4"	mt	272		
74	231,103	PIPE PAINTING ; RED LEAD 4" - 6"	mt	4		
75	241,607	PREFABRICATED VALVE INSULATION JACKET; NW 65	ea	18		
76	241,608	PREFABRICATED VALVE INSULATION JACKET; NW 80	ea	10		
77	241,609	PREFABRICATED VALVE INSULATION JACKET; NW 100	ea	9		
78	MT-01	SAFETY VALVE ; SPRING LOADED ; 1"- 4 bar	ea	1		
79	MT-01	SAFETY VALVE ; SPRING LOADED ; 1 1/4"- 3.5 bar	ea	1		
		<b>HEATING INSTALLATIONS</b>				
1	162,101	THERMOMETER ; COLOURED FLUID, 120 °C	ea	5		
2	164,400	MANOMETER ; Ø100 mm, 10 atm	ea	8		
3	165.202/ M	RADIATOR ; CAST IRON, PERKOLON ; 160 / 900	m <sup>2</sup>	20.24		
4	165.205/ M	RADIATOR ; CAST IRON, PERKOLON ; 160 / 500	m <sup>2</sup>	188.5		
5	169,100	RADIATOR WALL BRACKET	ea	150		
6	169,300	RADIATOR CLAMP	ea	75		
7	170,201	RADIATOR VALVE ; CORNER TYPE ; 1/2"	ea	81		
8	170,401	RADIATOR VALVE WITH THERMOSTAT ; CORNER TYPE ; 1/2"	ea	69		
9	172,101	RADIATOR AIR VENT ; EMBEDDED	ea	75		
10	173,103	COLLECTOR PIPE ; Ø108 / 3.71 mm	mt	2		
11	173,105	COLLECTOR PIPE ; Ø159 / 4.5 mm	mt	4		
12	173,301	COLLECTOR CONNECTION ; Ø15 mm	ea	8		
13	173,302	COLLECTOR CONNECTION ; Ø20 mm	ea	4		
14	173,307	COLLECTOR CONNECTION ; Ø65 mm	ea	11		

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15	173,309	COLLECTOR CONNECTION ; Ø100 mm	ea	8		
16	174,508	EXPANSION TANK ; WITH CHANGEABLE MEMBRANE ; 50 lt	ea	1		
17	174,515	EXPANSION TANK ; WITH CHANGEABLE MEMBRANE ; 500 lt	ea	1		
18	175,100	RADIATOR PAINTING ; OIL	m <sup>2</sup>	208.74		
19	KT-02	COLLECTOR SET ; 1"	set	150		
20	KT-03	RADIATOR CONNECTION SET	set	75		
21	KT-04	PIPE WITH PROTECTIVE SLEEVE	mt	1950		
<b>SUB TOTAL</b>						



**CENTRAL FINANCE AND CONTRACTS UNIT –CFCU**

<b>SOKE İŞKUR BUILDING - ELECTRICAL WORKS</b>					
<b>NO</b>	<b>DESCRIPTION</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate (EURO)</b>	<b>Amount (EURO)</b>
	<b>LV Distribution Systems</b>				
	<b>1. Cabling Infrastructure</b>				
	<b>1.1. PVC Piping</b>				
1	Ø16 PVC Piping including all fittings and accessories	m	6390.0		
2	Ø20 PVC Piping including all fittings and accessories	m	6537.7		
	<b>1.2. Cable Trays &amp; Ladders</b>				
3	Cable Tray 200mm including fittings and accessories	kg	550.0		
4	Cable Ladder 500mm including fittings and accessories	m	34.0		
	<b>1.3. PVC Cable Trunking</b>				
5	PVC Cable Trunk 50x130mm including fittings and accessories	m	350.0		
	<b>2. LV Cabling</b>				
	<b>2.1. LV Main Feeders</b>				
6	3x95+50 mm <sup>2</sup> N2XH	m	340.0		
7	3x50+35 mm <sup>2</sup> N2XH	m	70.0		
8	3x25+16 mm <sup>2</sup> N2XH	m	10.0		
9	4x4 mm <sup>2</sup> N2XH	m	454.0		
10	4x10 mm <sup>2</sup> N2XH	m	110.0		
11	4x2,5 mm <sup>2</sup> N2XH	m	53.0		
12	3x2,5 mm <sup>2</sup> N2XH	m	17.0		
	<b>2.2. Power &amp; Lighting Outlet Cabling (with Halogen Free cable)</b>				
13	3x4mm <sup>2</sup> NHXMH	m	510.0		
14	3x2,5mm <sup>2</sup> NHXMH	m	6545.0		
15	3x1,5mm <sup>2</sup> NHXMH	m	1592.0		
16	4x1,5mm <sup>2</sup> NHXMH	m	1804.0		
17	2x1,5mm <sup>2</sup> NHXMH	m	225.0		
	<b>3. Sockets and Switches</b>				
18	Power Socket	ea	229.0		
19	Water Proof Power Socket	ea	18.0		
20	Power Socket (UPS)	ea	130.0		
21	Hand Dryer Unit	ea	15.0		
22	Water Heater Unit	ea	11.0		
23	Room LV Switch Box	ea	34.0		
24	Energy saver (Card holder unit with relay)	ea	34.0		
25	Single Pole Switch	ea	70.0		
26	Double Pole Switch	ea	75.0		
27	Two way switch	ea	10.0		

**CENTRAL FINANCE AND CONTRACTS UNIT –CFCU**

28	Waterproof Single Pole Switch	ea	2.0		
29	Waterproof Double Pole Switch	ea	2.0		
30	Push Button	ea	10.0		
31	Electrical Window Louver Switch	ea	110.0		
	<b>4. LV Power Panels</b>				
	<b>4.1. Main Distribution Panel</b>				
32	MDP Guest House	set	2.0		
33	MDP Training Center	set	2.0		
34	MDP-E Guest House	set	1.0		
35	MDP-E Training Center	set	1.0		
36	MDP-UPS Guest House	set	1.0		
37	MDP-UPS Training Center	set	1.0		
38	Compensation (set)	kVAr	130.0		
	<b>4.2. Sub Distribution Panels</b>				
39	ZK-LP TR-A	set	1.0		
40	1K-LP TR-A	set	1.0		
41	ZK-LP TR-B	set	1.0		
42	BK-LP GH	set	1.0		
43	ZK-LP GH	set	1.0		
44	1K-LP GH	set	1.0		
45	2K-LP GH	set	1.0		
46	ZK-UPS TR-A	set	1.0		
47	1K-UPS TR-A	set	1.0		
48	ZK-UPS TR-B	set	1.0		
49	BK-UPS GH	set	1.0		
50	ZK-UPS GH	set	1.0		
51	1K-UPS GH	set	1.0		
52	2K-UPS GH	set	1.0		
53	ZK-ELP TR-A	set	1.0		
54	1K-ELP TR-A	set	1.0		
55	ZK-ELP TR-B	set	1.0		
56	BK-ELP GH	set	1.0		
57	ZK-ELP GH	set	1.0		
58	1K-ELP GH	set	1.0		
59	2K-ELP GH	set	1.0		
60	3K-ELP GH	set	1.0		
	<b>4.3. Motor Control Center</b>				
61	MCC-R	set	2.0		
62	EL-PP1	set	1.0		
63	EL-PP2	set	1.0		
	<b>5. Lighting Fixtures</b>				
	<b>5.1. Indoor Lighting Fixtures (All ballasts shall be Electronic type)</b>				
64	L1-4x18W Recessed Mounted Fluorescent Luminaire (Bright Aluminium Double Parabolic refl. type)	ea	130.0		

**CENTRAL FINANCE AND CONTRACTS UNIT –CFCU**

65	L2-2x36W Waterproof Fluorescent Luminaire	ea	24.0		
66	L3-2x36W Ceiling Mounted Fluorescent Luminaire (White, Powder painted steel with plastic end-caps, and opal or prismatic cover)	ea	18.0		
67	L4-2x18W Ceiling Mounted Fluorescent Luminaire (White, Powder painted steel with plastic end-caps, and opal or prismatic cover)	ea	22.0		
68	L5-2x36W Ceiling Mounted Fluorescent Luminaire (White, Powder painted steel with plastic end-caps, and opal or prismatic cover)	ea	22.0		
69	L6-75W Wall Mounted Luminaire	ea	12.0		
70	L7-2x18W Waterproof Fluorescent Luminaire	ea	51.0		
71	L8-60W Waterproof Surface Mounted Luminaire	ea	85.0		
72	L9-2x18W Recessed Mounted Downlight	ea	82.0		
73	L10-60W Wall Surface Mounted Luminaire (Oval Caged)	ea	6.0		
74	L11-2x36W Ceiling Mounted Fluorescent Plexiglas Luminaire (Batten type)	ea	15.0		
75	L12-40W Recessed Mounted Downlight	ea	6.0		
76	L13-100W Indirect Lighting Luminaire / Lambader	ea	10.0		
77	L14-75W	ea	72.0		
78	Emergency Lighting Kit 18W (one hour)	ea	78.0		
	<b>5.2. Emergency Exit Lighting Fixtures</b>				
79	Emergency Exit Lighting Fixtures 9W, three hours	ea	19.0		
	<b>5.3. Outdoor Lighting Fixtures</b>				
80	L-100W Pole Top Outdoor Lighting Luminaire Luminaire	ea	6.0		
	<b>6. Grounding System</b>				
	<b>6.1. Operating Ground System</b>				
81	4 mm <sup>2</sup> 07Z1-U	m	110.0		
82	16 mm <sup>2</sup> 07Z1-U	m	20.0		
83	4 mm <sup>2</sup> Cu Conductor	m	254.0		
84	6 mm <sup>2</sup> Cu Conductor	m	0.0		
85	10 mm <sup>2</sup> Cu Conductor	m	110.0		
86	16 mm <sup>2</sup> Cu Conductor	m	10.0		
87	25 mm <sup>2</sup> Cu Conductor	m	0.0		
88	35 mm <sup>2</sup> Cu Conductor	m	70.0		
89	50 mm <sup>2</sup> Cu Conductor	m	380.0		
90	f20mm,l=1,5m Earthing Electrodes Rod (Copper) (With fittings and accessories)	ea	9.0		
	<b>6.2. Lightning Protection System</b>				
91	Active Type arrestor	ea	1.0		
92	Test Connector	ea	1.0		
93	Lightning Protection Cu Conductor 50mm <sup>2</sup>	m	50.0		

**CENTRAL FINANCE AND CONTRACTS UNIT –CFCU**

94	Conductor Protection Pipe	ea	1.0		
95	f20mm,l=1,5m Earthing Electrodes Rod (Copper) (With fittings and accessories)	ea	3.0		
96	Cu Cond. Fixing Accessories	ea	50.0		
	<b>7. Uninterruptable Power Supply (UPS) Unit</b>				
97	Uninterruptable Power Supply 20 kVA 15 min.	ea	1.0		
98	Uninterruptable Power Supply 30 kVA 15 min.	ea	1.0		
	<b>8. Diesel Generator Set</b>				
99	150kVA Diesel Generator	set	1.0		
	<b>Weak Current Systems</b>				
	<b>9. Fire Alarm System</b>				
	<b>9.1. Fire Alarm Detectors</b>				
100	Optic Detector	ea	114.0		
101	Heat Detector	ea	6.0		
102	Manual Call Point	ea	12.0		
103	Fire Alarm Horn	ea	10.0		
	<b>9.2. Fire Alarm Central Unit</b>				
104	Fire Alarm Panel	set	1.0		
	<b>9.3. Fire Alarm System Cabling</b>				
105	2x2x0,5mm <sup>2</sup> JH(st)H	m	675.0		
106	3x2,5mm <sup>2</sup> NHXMH	m	85.0		
	<b>10. Public Address and Sound System (PA&amp;S)</b>				
	<b>10.1. Speakers and Volume Control Unit</b>				
107	Ceiling Mounted Speaker Unit 6W	ea	80.0		
108	Loud Speaker	ea	2.0		
109	Volume Control Unit with Emergency Announcement Relay	ea	34.0		
	<b>10.2. PA&amp;S System Central Unit</b>				
110	Public Address and Sound System Central Unit	set	1.0		
111	(Including Emergency Fire Announ. Unit, 1CD, 1 Tuner Sources)				
	<b>10.3. PA&amp;S System Cabling</b>				
112	2x1,5 LIHCH	m	710.0		
113	4x1.5 LIHCH	m	250.0		
	<b>11. Data &amp; Telephone Distribution System</b>				
	<b>11.1 Data &amp; Telephone Sockets</b>				
114	Telephone Socket RJ11	ea	80.0		
115	Data Socket RJ45	ea	95.0		
	<b>11.2. Data Patch Panels</b>				
116	Patch Panel with 12 pair	set	4.0		
117	Patch Panel with 24 pair	set	2.0		
118	Data System Server Unit	set	1.0		
	<b>11.3. Telephone Dist. Boxes</b>				
119	10 pair Telephone Distribution Box	set	4.0		
120	20 pair Telephone Distribution Box	set	3.0		
	<b>11.4. Telephone Distribution System Central</b>				

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	<b>Unit</b>				
121	Telephone Distribution System Central Unit 8/96 ISDN	set	1.0		
	<b>11.5. Data Cables</b>				
122	Cat5E UTP	m	2660.0		
	<b>11.6. Telephone Cables</b>				
123	2p Telephone cable HBH	m	1220.0		
124	20p Telephone cable HBH	m	85.0		
125	30p Telephone cable HBH	m	70.0		
126	50p Telephone cable HBH	m	40.0		
	<b>12. CCTV System</b>				
	<b>12.1. Site CCTV Camera Units</b>				
127	CCTV Camera 1/3" Color including all accessories	ea	8.0		
	<b>12.2. CCTV Central Unit</b>				
128	CCTV Central Unit	set	1.0		
	<b>12.3. CCTV Sys. Cabling</b>				
129	3x2,5 mm <sup>2</sup> NHXMH	m	140.0		
130	RG59-U6 HFFR	m	170.0		
	<b>13. TV Distribution System</b>				
	<b>13.1. TV Sockets</b>				
131	TV Socket	ea	54.0		
132	1/2 Splitter	ea	34.0		
133	1/6 Splitter	ea	3.0		
134	1/8 Splitter	ea	3.0		
	<b>13.2. TV Distribution Boxes and Accessories</b>				
135	Floor Distributon Box	ea	6.0		
136	TV Distribution Central Unit & Antenna set (1 VHF+1 UHF)	set	1.0		
	<b>13.3. TV System Cabling</b>				
137	RG6-U4 HFFR	m	705.0		
	<b>14. Card Access System</b>				
138	Card Reader	ea	0.0		
139	Keypad	ea	0.0		
140	Door Lock	ea	0.0		
141	Magnetic Contact	ea	0.0		
142	Opening Button	ea	0.0		
143	Central Unit	ea	0.0		
144	Cabling	set	0.0		
	<b>15. Elevator</b>				
145	Handicapped Elevator capacity, 630 kg 2 stop	set	1.0		
146	Handicapped Elevator 630 kg capacity, 4 stop	set	1.0		
147	Handicapped Lifting / Pulling Machine	set	1.0		
<b>SUB TOTAL:</b>					

#### 4.2.7.4 Kayseri Breakdown of Overall Price

##### SUMMARY - Kayseri

Bill	Description	Amount (Euro)
	Civil Works	
	Mechanical Works	
	Electrical Works	
<b>4</b>	<b>Sub Total (Kayseri)</b>	

**KAYSERI İŞKUR BUILDING, CIVIL WORKS**

	Item no	DESCRIPTION	Unit	Quantity	Rate	Amount
	<b>1</b>	<b>DEMOLITION</b>				
1	Specif. 20	Removing existing plaster (interior)	m2	307		
2	Specif. 20	Removing existing plaster (exterior)	m2	400		
3	Specif. 20	Removing existing walls and floors	m2	154		
4	Specif. 20	Removing windows.doors & doors frame	no	127		
	<b>2</b>	<b>EARTHWORK</b>				
5	14.012/1	Manual Excavation	m3	14		
6	15.140/2	Manual Sand Laying (thickness=15cm)	m3	1		
7	17.136	Hardcore (thickness=15 cm)	m3	2		
	<b>3</b>	<b>INFRASTRUCTURAL WORK</b>				
8	18.460/8	100 mm diameter PVC pipe	m	40		
	<b>4</b>	<b>INSULATION WORK</b>				
9	18.466/3	2 layers of bitumenious membrane water insulation.1.st layer 3mm glass fiber,2.nd layer polyesther reinforced	m2	39		
10	19.050/3	Heat insulation on the roof slab 10 cm (fixing wooden lathes and nails are included)	m2	184		
11	Specif 13	Heat insulation for exterior surfaces walls (4 cm + Fiberglass mesh+plaster)	m2	405		
12	Specif 13	Heat insulation on the basement ceilings (5 cm)	m2	127		
	<b>5</b>	<b>CONCRETE WORK</b>				
13	16.002	Concrete 200kg/m3	m3	1		
14	16.058/1	Reinforcement concrete (BS 20)	m3	60		
	<b>6</b>	<b>REINFORCEMENT</b>				
15	23.014	High yield bars (8-12)mm	to	1		
16	23.015	High yield bars (14-26)mm	to	5		
	<b>7</b>	<b>FORMWORK</b>				
17	21.011	Wooden formwork for reinforced concrete and concrete	m2	344		
18	21.054	Wooden scaffolding for formwork	m2	162		
19	21.065	Scaffolding (h=0-12.50 m)	m2	599		

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<b>8</b>		<b>WALL WORKS</b>				
20	18.102/1	Gas Concrete 9 cm	m3	26		
21	18.106/1	Gas Concrete 19 cm	m3	468		
22	Specif 9	Flue blockwork (Ø130,Ø150 and Ø200)(including reinforced concrete encasement at roof and cap)	m2	27		
23	Specif 11	Partition Wall	m2	95		
<b>9</b>		<b>WINDOWS &amp; DOORS</b>				
24	23.244/E	Aluminium Windows (electrostatics paint)	m	61		
25	23.244/L	Aluminium Windows (electrostatics paint)	m	1117		
26	28.003	Glass 4mm	m2	79		
27	28.097	Glass (4+12+4)	m2	201		
28	Specif	Door subframe	m	767		
29	Specif 35	Laminated fabrication wing+lock+ 3 double-acting hinges	no	22		
30	Specif 33	Fire Escapece Aluminium doors	no	6		
31	Specif 32	Auto. Sliding doors	no	2		
<b>10</b>		<b>ROOF WORKS</b>				
32	18.211	Interlocking roof tile covering type (marsilya)	m2	208		
33	18.231	Interlocking ridge tile covering type (marsilya)	m	27		
34	Specif 25	One layer poehtylen-spinnvlis paper beneath the roof tile	m2	208		
35	24.061	100 mm diameter PVC rainwater pipe	m	70		
36	24.064	150 mm diameter PVC rainwater gutter	m	48		
37	24.020	Zinc plate for parapet and chimney	m	49		
<b>11</b>		<b>METAL WORKS</b>				
38	23.167	Metal schaft doors	m2	217		
39	23.176	Miscellananeous steel works	kg	500		
40	23.220	Stair case and balcony balustrades and handrails	kg	500		
41	23.243/1B	Printed batten aluminium suspended ceiling	m2	39		
42						
<b>12</b>		<b>PLASTER WORKS</b>				
43	27.501	Plaster 1st layer 250 kg/m2 cement 2nd layer 300 kg/m2 cement	m2	930		
44	27.525	Gypsum plaster	m2	1550		
45	27.581	Construction of leveling layer	m2	39		



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	<b>13</b>	<b>FINISHING WORKS</b>				
46	21.281	Wooden Basedboard	m	42		
47	25.016	Oil paint for iron works	m2	31		
48	25.021	3 coat Oil paint	m2	1550		
49	25.034	Acrilic based exterior paint	m2	328		
50	25.045	3 coat limewash	m2	118		
51	25.117	PVC Basedbord	m	142		
52	26.502	Paving with white cemented marble chipped plates	m2	20		
53	26.662	Paving and polishing of the ready made stair steps with white cemented marble chipped plates (inculeded baseboard)	m	132		
54	26.701	Marble Windowsill	m	121		
55	26.752	3 cm marble balustrade	m	128		
56	25.048/1	3 coat plastic whitewash	m2	405		
57	26.192/1+	200x200x9 mm Paving with plain colored glazed ceramic tile (floor)	m2	32		
58	26.195/4+	330x330x9 mm Paving with plain colored glazed granite-ceramic tile	m2	287		
59	Specif	200x250x9 mm Paving with plain colored glazed ceramic tile (wall)	m2	158		
60	Specif 36	Granite covering	m2	50		
61	Specif 10	Metal Suspended ceiling		488		
62	Specif 10	Rock Wool Suspended ceiling	m2	71		
63	Specif 12	PVC Based Floor covering	m2	221		
64	Specif 19	Self Levelling	m2	150		
65	Specif 35	Door handle with rosette	adet	50		
66	Specif 34	Marble Threshold	m	6		
67	Specif 31	Windows Shutter	m2	201		
68	Specif 39	Compact	m2	29		
<b>SUB TOTAL</b>						

<b>KAYSERİ İŞKUR BUILDING - MECHANICAL WORKS</b>						
	<b>Item No</b>	<b>DESCRIPTION</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
		<b>SANITARY INSTALLATIONS</b>				
1	ST-01	WASH BASIN ; HALF PEDESTAL, 60 cm VITREOUS CHINA	ea	1		
2	071.101	WASH BASIN ; 28 x 35 cm VITREOUS CHINE	ea	1		
3	071109	WASH BASIN ; UNDER WORK TABLE, 45 x 55 cm	ea	4		
4	ST-02	WASH BASIN ; PHYSICALLY HANDICAPPED	ea	1		
5	ST-09	WASH BASIN INSTALLATION ; LONG TAP	set	7		
6	073.202	MIRROR ; CRYSTAL ; 40 x 60 cm	ea	7		
7	074.102	SHELF ; VITREOUS CHINA ; 60 x 15 cm	ea	3		
8	075.104	SQUATTING WC BOWL ; 60 x 70 cm	ea	4		
9	076.500	SQUATTING WC BOWL INSTALLATIONS ; WITH FLUSH VALVE	set	4		
10	079.100	WC BOWL WITH CLOSED COUPLED CISTERN AND INSTALLATIONS	set	4		
11	ST-03	WC BOWL AND INSTALLATIONS ; PHYSICALLY HANDICAPPED	set	1		
12	ST-04	FIXED HOLDING BAR FOR WC BOWL ; PHYSICALLY HANDICAPPED	ea	1		
13	ST-05	MOVABLE HOLDING BAR (INCLUDING TOILET PAPER HOLDER) FOR WC BOWL ; PHYSICALLY HANDICAPPED	ea	1		
14	083.202	SINGLE SINK WITH DRAINER ; 100 x 50 cm	ea	1		
15	084.107	SINK INSTALLATION ; LONG TAP	set	1		
16	087.201	SHOWER TRAY ; PIG IRON ENAMELLED ; 80 x 80 x 15 cm	ea	1		
17	089.105	TAP; LONG ,1/2"	ea	1		
18	089.301	EXCUTCHEON ; 1/2"	ea	1		
19	090.400	SOAP HOLDER ; BRASS, CHROMIUM PLATED	ea	2		
20	094.400	TOILET PAPER HOLDER ; STAINLESS STEEL	ea	8		
21	097.301	FLOOR DRAIN ; CAST IRON GRILLE ; 17 x 17 cm, Ø70 mm	ea	3		
22	097.203	FLOOR DRAIN ; HARD PVC ; 10 x 10 cm, Ø50 mm	ea	5		
23	102.1206	FIRE EXTINGUISHING CABINET ; WITH TUBE ; 1" HOSE - 20 mt	ea	6		
24	103,106	WATER METER ; Ø50	ea	1		
25	104,104	FLOAT VALVE ; 1"	ea	1		
26	104,105	FLOAT VALVE ; 1 1/4"	ea	1		

**CENTRAL FINANCE AND CONTRACTS UNIT –CFCU**

27	ST-06	WATER STORAGE TANK ; MILD STEEL, 12 m <sup>3</sup>	ea	1		
28	ST-07	WATER STORAGE TANK ; STAINLESS STEEL, 4 m <sup>3</sup>	ea	1		
29	107,631	FULLY AUTOMATIC PACKAGE TYPE WATER PRESSURISING SYSTEM; 2 PUMP, VERTICAL, CENTRIFUGAL 2m <sup>3</sup> /n, 37 mWG	ea	1		
30	ST-08	FULLY AUTOMATIC PACKAGE TYPE WATER PRESSURISING SYSTEM; 2 PUMP, HORIZONTAL, CENTRIFUGAL, 12m <sup>3</sup> /n, 67 mWG	set	1		
31	ST-10	DRAINAGE PUMP ; 6 m <sup>3</sup> /h - 8 mWG	set	2		
32	103,202	AIR VENT AND HOOD; PVC Ø100	ea	1		
		<b>HVAC INSTALLATIONS</b>				
1	HT-06	EXHAUST FAN; 2300 m <sup>3</sup> /h-6 mmWG	ea	1		
2	HT-01	A/C INDOOR UNIT - WALL TYPE; COOLING CAPACITY 2.8 kW	set	1		
3	HT-01	A/C INDOOR UNIT - WALL TYPE; COOLING CAPACITY 3.5 kW	set	1		
4	HT-01	A/C INDOOR UNIT - WALL TYPE; COOLING CAPACITY 4.2 kW	set	1		
5	HT-02	A/C INDOOR UNIT-CEILING TYPE; COOLING CAPACITY 4.8 kW	set	1		
6	HT-02	A/C INDOOR UNIT-CEILING TYPE; COOLING CAPACITY 6.7 kW	set	1		
7	HT-02	A/C INDOOR UNIT-CEILING TYPE; COOLING CAPACITY 8.0 kW	set	1		
8	HT-03	A/C OUTDOOR UNIT; COOLING CAPACITY;28 kW	set	1		
9	HT-05	SPLIT A/ C INDOOR - OUTDOOR UNIT; CEILING TYPE COOLING CAPACITY : 10.5 kW HEATING CAPACITY : 10.7 kW	set	1		
10	261,103	AIR DUCT ; 0.75 mm	m <sup>2</sup>	10		
11	267,502	GRILLE ; FIXED LOUVER , ALUMINIUM 1000 cm <sup>2</sup>	ea	1		
12	267,503	GRILLE ; FIXED LOUVER , ALUMINIUM 1600 cm <sup>2</sup>	ea	1		
		<b>AUTOMATIC CONTROL INSTALLATIONS</b>				
1	315,104	HEAT SENSOR ; SUBMERSIBLE TYPE, ELECTRONIC, 50°C+	ea	1		
2	315,105	HEAT SENSOR ; OUTSIDE AIR TYPE, ELECTRONIC	ea	1		
3	327,201	SERVOMOTOR ; Ø50	ea	1		
4	331,101	VALVE SERVOMOTOR CONNECTION MECHANISM; Ø50	ea	1		

**CENTRAL FINANCE AND CONTRACTS UNIT –CFCU**

5	358,505	3 WAY VALVE BODY ; FLANGED, PN16 Ø40	ea	1		
		<b>COMMON / PIPING INSTALLATIONS</b>				
1	201,104	MILD STEEL PIPE ; 1/2"	mt	6		
2	201,105	MILD STEEL PIPE ; 3/4"	mt	6		
3	201,106	MILD STEEL PIPE ; 1"	mt	20		
4	201,107	MILD STEEL PIPE ; 1 1/4"	mt	10		
5	201,108	MILD STEEL PIPE ; 1 1/2"	mt	26		
6	201,109	MILD STEEL PIPE ; 2"	mt	50		
7	201,203	GALVANISED STEEL PIPE ; 1/2"	mt	60		
8	201,204	GALVANISED STEEL PIPE ; 3/4"	mt	30		
9	201,205	GALVANISED STEEL PIPE ; 1"	mt	36		
10	201,206	GALVANISED STEEL PIPE ; 1 1/4"	mt	46		
11	201,207	GALVANISED STEEL PIPE ; 1 1/2"	mt	6		
12	201,208	GALVANISED STEEL PIPE ; 2"	mt	55		
13	201,400	PIPING INSTALLATION ; 1/2" - 2"	%	0,30		
14	201.1001	MILD STEEL PIPE ; NATURAL GAS ; 1/2"	mt	15		
15	201.1004	MILD STEEL PIPE ; NATURAL GAS ; 1 1/4"	mt	10		
16	201,500	PIPING INSTALLATION ; WELDED	%	0.25		
17	204.1001	PVC WASTE WATER PIPE ; Ø50 mm	mt	20		
18	204.1002	PVC WASTE WATER PIPE ; Ø70 mm	mt	40		
19	204.1003	PVC WASTE WATER PIPE ; Ø100 mm	mt	50		
20	204.1004	PVC WASTE WATER PIPE ; Ø125 mm	mt	10		
21	204.1200	PIPING INSTALLATION	%	0.35		
22	204.1005	PVC RAINWATER PIPE ; Ø100 mm	mt	80		
23	204.1200	PIPING INSTALLATION	%	0.35		
24	208,102	COLUMN DRAIN VALVE ; 3/4"	ea	1		
25	210,612	BALL VALVE ; BRASS ; 1/2"	ea	8		
26	210,613	BALL VALVE ; BRASS ; 3/4"	ea	9		
27	210,614	BALL VALVE ; BRASS ; 1"	ea	14		
28	210,615	BALL VALVE ; BRASS ; 1 1/4"	ea	11		
29	210,617	BALL VALVE ; BRASS ; 2"	ea	6		
30	210.3001	BUTTERFLY VALVE ; Ø50 mm	ea	13		
31	216,803	CIRCULATION PUMP ; 5.5 m <sup>3</sup> /h, 2.0/7.0 mWG	ea	2		
32	221,104	STRAINER ; 1 1/4"	ea	1		
33	221,106	STRAINER ; 2"	ea	2		
34	221,206	STRAINER ; Ø50 mm	ea	2		
35	224,301	AUTOMATIC AIR VENT ; 1/2"	ea	3		
36	227,202	CHECK VALVE ; BRASS ; 3/4"	ea	1		
37	227,404	CHECK VALVE ; BRONZE ; 1 1/4"	ea	3		
38	227,406	CHECK VALVE ; BRONZE ; 2"	ea	1		
39	228,406	CHECK VALVE ; FULL BORE ; Ø50 mm	ea	2		
40	MT-01	SAFETY VALVE ; SPRING LOADED, 3.5 BAR	ea	2		
41	231,101	PIPE PAINTING ; RED LEAD 1/2" - 2"	mt	143		

**CENTRAL FINANCE AND CONTRACTS UNIT –CFCU**

42	231,102	PIPE PAINTING ; RED LEAD 2" - 4"	mt	4		
43	231,201	PIPE PAINTING ; OIL 1/2" - 2"	mt	25		
44	230,805	PIPE INSULATION ; ALUMINIUM FOLIO ; 1"-30 mm	mt	20		
45	230,807	PIPE INSULATION ; ALUMINIUM FOLIO ; 1 1/4"-30 mm	mt	10		
46	230,809	PIPE INSULATION ; ALUMINIUM FOLIO ; 1 1/2"-30 mm	mt	26		
47	230,811	PIPE INSULATION ; ALUMINIUM FOLIO ; 2"-30 mm	mt	50		
48	230,834	PIPE INSULATION ; ALUMINIUM FOLIO ; Ø108-40 mm	mt	4		
49	241,606	PREFABRICATED VALVE INSULATION JACKET; NW 50	ea	13		
50	MT-02	RAIN WATER PIPE ; PIG IRON	mt	4		
51	MT-03	NATURAL GAS EQUIPMENT ; GASMETER, FILTER, GAS DEDECTOR, SELONOID VALVE	set	1		
		<b>HEATING INSTALLATIONS</b>				
1	KT-01	BOILER ;71 kW, WITH ATMOSPHERIC GAS BURNER, 75/60 °C, 4 bar	ea	1		
2	162,101	THERMOMETER ; COLOURED FLUID, 120 °C	ea	3		
3	164,400	MANOMETER ; Ø100 mm, 10 Atm	ea	2		
4	165,685	RADIATOR ; ALUMINIUM, PANEL TYPE ; 600 mm	m <sup>2</sup>	103.74		
5	165,688	RADIATOR ; ALUMINIUM, PANEL TYPE ; 900 mm	m <sup>2</sup>	57.60		
6	170,201	RADIATOR VALVE ; CORNER TYPE ; 1/2"	ea	62		
7	170,401	RADIATOR VALVE WITH THERMOSTAT ; CORNER TYPE ; 1/2"	ea	54		
8	173,103	COLLECTOR PIPE ; Ø108 / 3.71 mm	mt	4		
9	173,301	COLLECTOR CONNECTION ; Ø15 mm	ea	6		
10	173,302	COLLECTOR CONNECTION ; Ø20 mm	ea	4		
11	173,306	COLLECTOR CONNECTION ; Ø50 mm	ea	12		
12	174,509	EXPANSION TANK ; WITH CHANGEABLE MEMBRANE ;80 lt	ea	1		
13	KT-02	COLLECTOR SET ; 1"	set	74		
14	KT-02	COLLECTOR SET ; 1 1/4"	set	42		
15	KT-03	RADIATOR CONNECTION SET	set	58		
16	KT-04	PIPE WITH PROTECTIVE SLEEVE	mt	1300		
17	KT-05	SMOKE CHIMNEY ; STAINLESS STEEL ; Ø 150 mm	mt	25		
<b>SUB TOTAL</b>						

<b>KAYSERİ İŞKUR RENOVATION PROJECT - ELECTRICAL WORKS</b>					
<b>NO</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>Quantity</b>	<b>Rate (EURO)</b>	<b>Amount (EURO)</b>
	<b>LV Distribution Systems</b>				
	<b>1. Cabling Infrastructure</b>				
	<b>1.1. PVC Piping</b>				
1	Ø16 PVC Piping including all fittings and accessories	m	946.0		
2	Ø20 PVC Piping including all fittings and accessories	m	1741.0		
	<b>1.2. Cable Trays &amp; Ladders</b>				
3	Cable Tray 200mm including fittings and accessories	kg	120.0		
4	Cable Ladder 500mm including fittings and accessories	m	23.0		
	<b>1.3. PVC Cable Trunking</b>				
5	PVC Cable Trunk 50x130mm including fittings and accessories	m	555.0		
	<b>2. LV Cabling</b>				
	<b>2.1. LV Main Feeders</b>				
6	3x70+35 mm <sup>2</sup> N2XH	m	23.0		
7	3x25+16 mm <sup>2</sup> N2XH	m	10.0		
8	4x4 mm <sup>2</sup> N2XH	m	113.0		
9	4x6 mm <sup>2</sup> N2XH	m	100.0		
10	4x10 mm <sup>2</sup> N2XH	m	28.0		
	<b>2.2. Power &amp; Lighting Outlet Cabling (with Halogen Free cable)</b>				
11	3x2,5mm <sup>2</sup> NHXMH	m	2379.0		
12	3x1,5mm <sup>2</sup> NHXMH	m	208.0		
13	4x1,5mm <sup>2</sup> NHXMH	m	381.0		
14	2x1,5mm <sup>2</sup> NHXMH	m	182.0		
15	5x2,5 mm <sup>2</sup> NHXMH	m	26.0		
16	4x4 mm <sup>2</sup> NHXMH	m	14.0		
	<b>3. Sockets and Switches</b>				
17	Power Socket	ea	67.0		
18	Water Proof Power Socket	ea	7.0		
19	Power Socket (UPS)	ea	104.0		
20	Hand Dryer Unit	ea	6.0		
21	Single Pole Switch	ea	91.0		
22	Double Pole Switch	ea	36.0		
23	Two way switch	ea	4.0		
24	Waterproof Double Pole Switch	ea	1.0		
25	Push Button	ea	4.0		
	<b>4. LV Power Panels</b>				
	<b>4.1. Main Distribution Panel</b>				
26	MDP	set	1.0		

27	MDP-UPS	set	1.0		
28	Compensation (Set)	kVA	40.0		
	<b>4.2. Sub Distribution Panels</b>				
29	BK-LP	set	1.0		
30	ZK-LP	set	1.0		
31	1K-LP	set	1.0		
32	2K-LP	set	1.0		
33	3K-LP	set	1.0		
34	4K-LP	set	1.0		
35	ZK-UPS	set	1.0		
36	1K-UPS	set	1.0		
37	2K-UPS	set	1.0		
38	3K-UPS	set	1.0		
39	4K-UPS	set	1.0		
	<b>4.3. Motor Control Center</b>				
40	ASKT	set	1.0		
41	BK-KT	set	1.0		
	<b>5. Lighting Fixtures</b>				
	<b>5.1. Indoor Lighting Fixtures (All ballasts shall be Electronic type)</b>				
42	L1-4x18W Recessed Mounted Fluorescent Luminaire (Bright Aluminium Double Parabolic refl. type)	ea	79.0		
43	L2-2x36W Waterproof Fluorescent Luminaire	ea	6.0		
44	L3-2x36W Ceiling Mounted Fluorescent Luminaire (White, Powder painted steel with plastic end-caps, and opal or prismatic cover)	ea	4.0		
45	L4-2x18W Ceiling Mounted Fluorescent Luminaire (White, Powder painted steel with plastic end-caps, and opal or prismatic cover)	ea	5.0		
46	L5-2x36W Ceiling Mounted Fluorescent Luminaire (White, Powder painted steel with plastic end-caps, and opal or prismatic cover)	ea	7.0		
47	L6-75W Wall Mounted Luminaire	ea	4.0		
48	L7-2x18W Waterproof Fluorescent Luminaire	ea	6.0		
49	L8-60W Waterproof Surface Mounted Luminaire	ea	15.0		
50	L10-60W Wall Surface Mounted Luminaire (Oval Caged)	ea	6.0		
51	L11-2x36W Ceiling Mounted Fluorescent Plexiglas Luminaire (Batten type)	ea	20.0		
52	Emergency Lighting Kit (one hour)	ea	23.0		
	<b>5.2. Emergency Exit Lighting Fixtures</b>				
53	Emergency Exit Lighting Fixtures 9W, three hours	ea	9.0		
	<b>5.3. Outdoor Lighting Fixtures</b>				



**CENTRAL FINANCE AND CONTRACTS UNIT –CFCU**

54	L9-100W Pole Top Outdoor Lighting Luminaire Luminaire	ea	4.0		
	<b>6. Grounding System</b>				
	<b>6.1. Operating Ground System</b>				
55	4 mm <sup>2</sup> 07Z1-U	m	90.0		
56	4 mm <sup>2</sup> Cu Conductor	m	23.0		
57	6 mm <sup>2</sup> Cu Conductor	m	100.0		
58	10 mm <sup>2</sup> Cu Conductor	m	28.0		
59	25 mm <sup>2</sup> Cu Conductor	m	23.0		
60	35 mm <sup>2</sup> Cu Conductor	m	23.0		
61	f20mm,l=1,5m Earthing Electrodes Rod (Copper) (With fittings and accessories)	ea	6.0		
	<b>7. Uninterruptable Power Supply (UPS) Unit</b>				
62	Uninterruptable Power Supply 25 kVA 15 min.	ea	1.0		
	<b>8. Diesel Generator Set</b>				
	<b>Weak Current Systems</b>				
	<b>9. Fire Alarm System</b>				
	<b>9.1. Fire Alarm Detectors</b>				
63	Optic Detector	ea	43.0		
64	Heat Detector	ea	3.0		
65	Manual Call Point	ea	11.0		
66	Fire Alarm Horn	ea	6.0		
	<b>9.2. Fire Alarm Central Unit</b>				
67	Fire Alarm Panel	set	1.0		
	<b>9.3. Fire Alarm System Cabling</b>				
68	2x2x0,5mm <sup>2</sup> JH(st)H	m	287.0		
69	3x2,5mm <sup>2</sup> NHXMH	m	55.0		
	<b>10. Public Address and Sound System (PA&amp;S)</b>				
	<b>10.1. Speakers and Volume Control Unit</b>				
70	Ceiling Mounted Speaker Unit 6W	ea	41.0		
71	Volume Control Unit with Emergency Announcement Relay	ea	18.0		
	<b>10.2. PA&amp;S System Central Unit</b>				
72	Public Address and Sound System Central Unit	set	1.0		
73	(Including Emergency Fire Announ. Unit, 1CD, 1 Tuner Sources)				
	<b>10.3. PA&amp;S System Cabling</b>				
74	2x1,5 LIHCH	m	325.0		
75	4x1.5 LIHCH	m	120.0		
	<b>11. Data &amp; Telephone Distribution System</b>				
	<b>11.1 Data &amp; Telephone Sockets</b>				
76	Telephone Socket RJ11	ea	37.0		
77	Data Socket RJ45	ea	52.0		
	<b>11.2. Data Patch Panels</b>				
78	Patch Panel with 96 pair	set	1.0		
79	Data System Server Unit	set	1.0		



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	<b>11.3. Telephone Dist. Boxes</b>				
80	10 pair Telephone Distribution Box	set	3.0		
81	20 pair Telephone Distribution Box	set	1.0		
	<b>11.4. Telephone Distribution System Central Unit</b>				
82	Telephone Distribution System Central Unit 8/48 ISDN	set	1.0		
	<b>11.5. Data Cables</b>				
83	Cat5E UTP	m	1496.0		
	<b>11.6. Telephone Cables</b>				
84	2p Telephone cable HBH	m	555.0		
85	10p Telephone cable HBH	m	81.0		
86	20p Telephone cable HBH	m	25.0		
	<b>12. CCTV System</b>				
	<b>12.1. Site CCTV Camera Units</b>				
87	CCTV Camera 1/3" Color including all accessories	ea	7.0		
	<b>12.2. CCTV Central Unit</b>				
88	CCTV Central Unit	set	1.0		
	<b>12.3. CCTV Sys. Cabling</b>				
89	3x2,5 mm <sup>2</sup> NHXMH	m	115.0		
90	RG59-U6 HFFR	m	129.0		
	<b>13. TV Distribution System</b>				
	<b>13.1. TV Sockets</b>				
91	TV Socket	ea	17.0		
92	1/4 Splitter	ea	1.0		
93	1/6 Splitter	ea	3.0		
94	1/8 Splitter	ea	1.0		
	<b>13.2. TV Distribution Boxes and Accessories</b>				
95	Floor Distributon Box	ea	4.0		
96	TV Distribution Central Unit & Antenna set (1 VHF+1 UHF)	set	1.0		
	<b>13.3. TV System Cabling</b>				
97	RG6-U4 HFFR	m	205.0		
	<b>14. Elevator</b>				
98	Handicapped Elevator 630 kg capacity, 5 stop	set	1.0		
<b>SUB TOTAL</b>					