



**MINISTRY OF FOREIGN AFFAIRS AND  
INTERNATIONAL COOPERATION  
ITALIAN EMBASSY IN ATHENS**

**CALL FOR TENDER FOR THE IDENTIFICATION OF ECONOMIC OPERATORS TO BE INVITED TO PARTICIPATE IN A RESTRICTED PROCEDURE FOR THE AWARD OF A CONTRACT FOR PROFESSIONAL SERVICES RELATING TO THE BIM-INTEGRATED EXECUTIVE DESIGN, COORDINATION OF WORKS, AND HEALTH & SAFETY COORDINATION DURING THE DESIGN AND EXECUTION PHASES FOR THE RENOVATION OF THE PREMISES HOUSING THE ITALIAN EMBASSY AND THE AMBASSADOR'S RESIDENCE, LOCATED AT SEKERI 2 AND LEOFOROS VASILISSIS SOFIAS, 106 74 ATHENS, GREECE. TENDER IDENTIFICATION CODE: BA7BB3C567.**

**APPENDIX A - FEE DETERMINATION SCHEDULE**

**PREAMBLE**

This document sets out the fees to be used as a basis for tenders in public procurement procedures for architecture and engineering services.

Each fee comprises the respective professional remuneration plus any reimbursable expenses and additional costs, net of VAT, and has been determined in accordance with Italian Royal Decree of 30/31-5-56 regulating the method of payment of engineers' fees and Italian Law 3919/2011.

**ESTIMATED VALUE OF THE WORKS**

The estimated fees have been calculated based on the value of the works derived from the preliminary design and updated to current market prices, as set out below:

**TABLE OF COSTS INCLUDING FORECAST DEMOLITION OF REINFORCED CONCRETE ROOF**

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<b>CATEGORY OF WORK</b>	<b>VALUE</b>
<b>Demolition works</b>	<b>€320,000.00</b>
<b>Architectural works</b>	<b>€6,346,970.66</b>
<b>Structural works</b>	<b>€1,900,000.00</b>

<b>Building services</b>		<b>€1,310,000.00</b>
of which		
Water-sanitary system	€130,000.00	
Mechanical systems	€450,000.00	
Lift systems	€60,000.00	
Electrical systems	€670,000.00	
<b>Total</b>		<b>€9,876,970.66</b>

## GENERAL SUMMARY

<b>Total project surface area</b>	<b>4,134.00 m<sup>2</sup></b>
<b>Total project cost</b>	<b>€9,876,970.66</b>

## BREAKDOWN OF VALUES BY WORK CATEGORY

The total value of the works has been broken down, in accordance with Table Z-1 annexed to the Italian Ministry of Justice Decree of 17/06/2016, into the following categories: BUILDINGS (E.22), STRUCTURES (S.04) and BUILDING SERVICES (I.A01), (I.A02) AND (I.A04). These values have been used as a reference for the calculation of the fees to be tendered.

CATEGORY OF WORK	WORKS ID	DESCRIPTION OF WORKS	Level of Complexity <<G>>	Category Cost (€) <<V>>
<b>BUILDINGS</b>	E.22	<i>Maintenance, restoration, conservative refurbishment or redevelopment of buildings and artefacts of historical or artistic interest that are either listed or of particular importance</i>	1.55	<b>6,666,970.66</b>
<b>STRUCTURES</b>	S.04	<i>Structures or parts of structures in masonry, wood, metal - Related structural checks - Strengthening of foundations of damaged structures - Bridges, retaining walls and tie-backs, Stabilisation of slopes and rock faces and related ordinary works - Related structural assessments.</i>	0.90	<b>€1,900,000.00</b>
<b>BUILDING SERVICES</b>	IA.01	<i>Installations for the supply, treatment and distribution of water within buildings or for industrial purposes - Sanitary installations - Domestic or industrial sewerage and waste water treatment works - Liquid or gaseous fuel distribution networks - Installations for the distribution of compressed air, vacuum and medical gases - Fire-fighting systems and networks</i>	0.75	<b>€130,000.00</b>
<b>BUILDING SERVICES</b>	IA.02	<i>Heating systems - Cooling, air conditioning and air treatment systems - Mechanical fluid distribution systems - Solar-powered thermal systems</i>	0.85	<b>€450,000.00</b>
<b>BUILDING SERVICES</b>	IA.04	<i>General electrical installations, systems for lighting, telephony, security and fire detection and photovoltaic systems to support buildings and complex constructions - structured cabling - fibre-optic systems - individual laboratory equipment and complex pilot plants</i>	1.30	<b>€730,000.00</b>
<b>TOTAL</b>				<b>9,876,970.66</b>

## PLANNED PROJECT PHASES

- Executive design
- BIM modelling of the executive design
- Construction management
- Health and safety coordination during the design phase.

## INDIVIDUAL SERVICES PLANNED

### DEMOLITION OF REINFORCED CONCRETE ROOF

#### 1. DEMOLITION - WORKS MANAGEMENT

##### 1.1 WORKS MANAGEMENT,

**Estimated value (Σ): €320,000.00**

$\lambda = 0.23368$  2012 1st QUARTER

**Total statutory remuneration of work item 1: €32,000.00**

#### 2. ARCHITECTURAL PROJECT - DESIGN

##### 2.1 ARCHITECTURAL DESIGN, PRELIMINARY STUDY

**Budget estimate (Σ): €320,000.00**

**Category:** V,  $\kappa=2.9$ ,  $\mu=63$ ,  $\lambda = 0.23368$  2012 1st QUARTER,  $\lambda' = 0.23368$  2012 1st QUARTER,  $\beta=8.57$ , Number of applications: 1

$A = \beta/100 \times \Sigma \times \lambda/\lambda' = €27,424.00 \text{ €}$  (Article 82 (1 and 4), Article 83(1 and 15) and Article 2 of Presidential Decree 696/1974 as amended and in force respectively by Articles 41, 42 and 1 of Presidential Decree 515/89)

$A = (A) \times (\text{Work coefficient}) \times () = (€27,424.00) \times (0.75) \times (35\%) = €7,198.80$

**Total statutory remuneration of work item 2: €7,198.80**

No.	Work Item	%	Remuneration
1	DEMOLITION - WORKS MANAGEMENT	100%	€32,000.00
2	ARCHITECTURAL PROJECT - DRAWING	100%	€7,198.80
	<b>Total for Design</b>		<b>€7,198.80</b>
	<b>Total for Works Management</b>		<b>€32,000.00</b>
	<b>TOTAL</b>		<b>€39,198.80</b>

## ARCHITECTURAL DESIGN

Estimated amount: €6,346,970.66

Total project surface area (m<sup>2</sup>): 4,134

### 1. ARCHITECTURAL DESIGN

1.1 EXECUTIVE ARCHITECTURAL DESIGN 65%,

**Budget estimate (Σ):** €6,346,970.66

**Category:** V, κ=2.9, μ=63, λ = 0.23368 2012 1st QUARTER, λ' = 0.23368 2012 1st QUARTER, β=4.99, Number of applications: 1

**A = β/100 x Σ x λ/λ' =** €316,713.84 ("Article 89 (1 and 2), Article 83(1) and Article 2 of Presidential Decree 696/1974 as amended and in force respectively by Articles 41, 42 and 1 of Presidential Decree 515/89")

**A = (A) x (Work coefficient) x (Percentage of land) = (€316,713.84) x (1) x (65%) = €205,863.99**

**Total statutory remuneration of work item 1: €205,863.99**

### 2. WORKS MANAGEMENT – ARCHITECTURAL PROJECT

**Budget estimate (Σ):** €6,346,970.66

**Category:** V, κ=1.5, μ=38, λ = 0.23368 2012 1st QUARTER, λ' = 0.23368 2012 1st QUARTER, β=2.76, Number of applications: 1

**A = β/100 x Σ x λ/λ' =** €175,176.39 (Article 92 (1 and 2) as amended and in force by Article 46 of Presidential Decree 515/89, Article 2 (1 and 2) of Presidential Decree 696/74 as amended and in force respectively by Articles 41, 42 and 1 of Presidential Decree 515/89)

**Add-ons:**

- Bill of Quantities: €175,176.39 x 40% = €70,070.56 (Article 93 of Presidential Decree 696/74)

**Total statutory remuneration of work item 2: €245,246.95**

### 3. REMODELLING OF EXTERNAL SPACE – DESIGN

**Budget estimate (Σ):** €163,391.00

**Category:** V, κ=2.9, μ=63, λ = 0.23368 2012 1st QUARTER, λ' = 0.23368 2012 1st QUARTER, β=10, Number of applications: 1

**A = β/100 x Σ x λ/λ' =** €16,339.10 ("Article 89 (1 and 2), Article 83(1) and Article 2 of Presidential Decree 696/1974 as amended and in force respectively by Articles 41, 42 and 1 of Presidential Decree 515/89")

**A = (A) x (Work coefficient) x (Percentage of land) = (€16,339.10) x (1) x (65%) = €10,620.42**

**Total statutory remuneration of work item 3: €10,620.42**

### 4. PASSIVE FIRE PROTECTION - DESIGN

EXECUTIVE PASSIVE FIRE PROTECTION DESIGN 75%,

**Budget estimate (Σ):** €128,528.00

**Category:** II, κ=2, μ=35, λ = 0.23368 2012 1st QUARTER, λ' = 0.23368 2012 1st QUARTER, β=6.27, Number of applications: 1

**A = β/100 x Σ x λ/λ' =** €8,058.71 (Article 89 (1 and 2), Article 83(1) and Article 2 of Presidential Decree 696/1974 as amended and in force respectively by Articles 41, 42 and 1 of Presidential Decree 515/89)

**A = (A) x (Work coefficient) x (Percentage of land) = (€8,058.71) x (1) x (75%) = €6,044.03**

**Total statutory remuneration of work item 4: €6,044.03**

## 5. ENERGY EFFICIENCY DESIGN FOR BUILDINGS <=5000 m<sup>2</sup>

ENERGY EFFICIENCY DESIGN FOR THE BUILDING (<=5000 m<sup>2</sup>), EXECUTIVE 65%, **Budget Estimate (Σ):**  
€6,346,970.66

**Category:** V,  $\kappa=2.9$ ,  $\mu=63$ ,  $\lambda = 0.23368$  2012 1st QUARTER,  $\lambda' = 0.23368$  2012 1st QUARTER,  $\beta=4.99$ , Number of applications: 1

**A =  $\beta/100 \times \Sigma \times \lambda/\lambda'$**  = €316,713.84 (Law 3661/2008 (Official Gazette 89A/19-5-2008) and Ministerial Decree D6/B/oik. 5825 (Official Gazette 407B/9-4-2010))

**A = (A) x (Work coefficient) x (Percentage of land)** = (€316,713.84) x (0.2) x (65%) = €41,654.60

**Total statutory remuneration of work item 5: €41,172.80**

## 6. PASSIVE FIRE PROTECTION – WORKS MANAGEMENT

**Budget estimate (Σ):** €128,528.00

**Category:** II,  $\kappa=1,3$ ,  $\mu=25$ ,  $\lambda = 0.23368$  2012 1st QUARTER,  $\lambda' = 0.23368$  2012 1st QUARTER,  $\beta=4.35$ , Number of applications: 1

**A =  $\beta/100 \times \Sigma \times \lambda/\lambda'$**  = €5,590.97 (Article 92 (1 and 2), Article 83(1) and Article 2 of Presidential Decree 696/1974 as amended and in force respectively by Articles 41, 42 and 1 of Presidential Decree 515/89)

**Add-ons:**

- Bill of Quantities: €5,590.97 x 40% = €2,236.39 (Article 93 of Presidential Decree 696/74)

**Total statutory remuneration of work item 6: €7,827.36**

### Summary of Beneficiaries' Fees

No.	Work Item	%	Remuneration
1	DESIGN - ARCHITECTURAL PROJECT	100%	€205,863.99
2	WORKS MANAGEMENT - ARCHITECTURAL PROJECT	100%	€245,246.95
3	REMODELLING OF EXTERNAL SPACE – DESIGN	100%	€10,620.42
4	PASSIVE FIRE PROTECTION - DESIGN	100%	€6,044.03
5	ENERGY EFFICIENCY STUDY OF BUILDINGS <=5000 m <sup>2</sup> - DESIGN	100%	€41,172.80
6	PASSIVE FIRE PROTECTION – WORKS MANAGEMENT	100%	€7,827.36
	<b>Total for Design</b>		<b>€263,701.24</b>
	<b>Total for Works Management</b>		<b>€253,074.31</b>
	<b>TOTAL</b>		<b>€516,775.55</b>

## STRUCTURAL DESIGN

**Design budget estimate: €1,900,000.00**

**Total project surface area (m<sup>2</sup>): 4,134**

**Open-air area of the project (m<sup>2</sup>): 0**

### 1. STRUCTURE - DESIGN

STRUCTURAL DESIGN (WITH ANTI-SEISMIC ASSESSMENT), FINAL + EXECUTIVE 75%,

**Budget estimate (Σ): €1,900,000.00**

**Category:** V, κ=3.7, μ=35, λ = 0.23368 2012 1st QUARTER, λ' = 0.23368 2012 1st QUARTER, β=5,44, Number of applications: 1

**A = β/100 x Σ x λ/λ' = €103,360.00** (Article 82 (1 and 3), Article 83(1 and 7) and Article 2 of Presidential Decree 696/74 as amended and in force respectively by Articles 41, 42(2) and Article 1 of Presidential Decree 515/89 up to Presidential Decree 152/87)

**A = (A) x (Work coefficient) x (Percentage of land) = (€103,360.00) x (1) x (75%) = €77,520.00**

**Add-ons:**

- Anti-seismic Calculation: €77,520.00 x 80% = €62,016.00 (Article 83 (7) of Presidential Decree 696/1974 as amended and in force by Presidential Decree 152/87)

**Total statutory remuneration of work item 1: €139,536.00**

### 2. STRUCTURE - WORKS MANAGEMENT

**2.1 STRUCTURAL WORKS MANAGEMENT, Budget Estimate (Σ): €1,900,000.00**

**Category:** V, κ=2, μ=28, λ = 0.23368 2012 1st QUARTER, λ' = 0.23368 2012 1st QUARTER, β=3,39, Number of applications: 1

**A = β/100 x Σ x λ/λ' = €64,410.00** (Article 92 (1 and 2) as amended and in force by Article 46 of Presidential Decree 515/89, Article 2 (1 and 2) of Presidential Decree 696/74 as amended and in force respectively by Articles 41, 42 and 1 of Presidential Decree 515/89)

- Bill of Quantities: €64,410.00 x 40% = €25,764.00 (Article 93 of Presidential Decree 696/74)

**Total statutory remuneration of work item 2: €90,174.00**

### 3. STRUCTURE - VERIFICATION OF EXISTING STRUCTURAL LOADS

**3.1 VERIFICATION OF EXISTING STRUCTURAL LOADS, Budget Estimate (Σ): €1,900,000.00**

**Category:** V, κ=3.7, μ=35, λ = 0.23368 2012 1st QUARTER, λ' = 0.23368 2012 1st QUARTER, β=5,44, Number of applications: 1

**A = β/100 x Σ x λ/λ' = €103,360.00** (Circular 8/1990, Chapter 7)

**Total statutory remuneration of work item 3: €62,016.00**

### 4. STRUCTURE - VERIFICATION OF EXISTING DYNAMIC LOADS

**4.1 STATIC VERIFICATION OF EXISTING DYNAMIC LOADS, Budget Estimate (Σ): €1,900,000.00**

**Category:** V, κ=3.7, μ=35, λ = 0.23368 2012 1st QUARTER, λ' = 0.23368 2012 1st QUARTER, β=5,44, Number of applications: 1

**A = β/100 x Σ x λ/λ' = €103,360.00** (Circular 8/1990, Chapter 7)

**Total statutory remuneration of work item 4: €82,688.00**

Summary of Beneficiaries' Fees

No.	Work Item	%	Remuneration
1	STRUCTURE - DESIGN	100%	€139,536.00
2	STRUCTURE - WORKS MANAGEMENT	100%	€90,174.00
3	STRUCTURE - VERIFICATION OF EXISTING STRUCTURAL LOADS	100%	€62,016.00
4	STRUCTURE - VERIFICATION OF EXISTING DYNAMIC LOADS	100%	€82,688.00
	<b>Total for Design</b>		<b>€284,240.00</b>
	<b>Total for Works Management</b>		<b>€90,174.00</b>
	<b>TOTAL</b>		<b>€374,414.00</b>

## WATER-SANITARY SYSTEM

**Design budget estimate: €65,000.00**

### 1. BLACK WATER SYSTEMS – DESIGN

IMPLEMENTATION PROJECT 75%, **Budget Estimate (Σ): €65,000.00**

**Category:** II,  $\kappa=2$ ,  $\mu=35$ ,  $\lambda = 0.23368$  2012 1st QUARTER,  $\lambda' = 0.23368$  2012 1st QUARTER,  $\beta=7.36$ , Number of applications: 1

**A =  $\beta/100 \times \Sigma \times \lambda/\lambda'$  = €4,784.00** (Article 82 (1 and 4), Article 83(1 and 15) and Article 2 of Presidential Decree 696/1974 as amended and in force respectively by Articles 41, 42 and 1 of Presidential Decree 515/89)

**A = (A) x (Work coefficient) x (Percentage of land) = (€4,784.00) x (1) x (75%) = €3,588.00**

**Total statutory remuneration of work item 1: €3,588.00**

### 2. BLACK WATER SYSTEMS – WORKS MANAGEMENT

DRAINAGE WORKS MANAGEMENT, **Budget Estimate (Σ): €65,000.00**

**Category:** II,  $\kappa=1.3$ ,  $\mu=25$ ,  $\lambda = 0.23368$  2012 1st QUARTER,  $\lambda' = 0.23368$  2012 1st QUARTER,  $\beta=5.13$ , Number of applications: 1

**A =  $\beta/100 \times \Sigma \times \lambda/\lambda'$  = €3,334.50** (Article 92 (1 and 2) as amended and in force by Article 46 of Presidential Decree 515/89, Article 2 (1 and 2) of Presidential Decree 696/74 as amended and in force respectively by Articles 41, 42 and 1 of Presidential Decree 515/89)

**Add-ons:**

- Bill of Quantities: €3,334.50 x 40% = **€1,333.80** (Article 93 of Presidential Decree 696/74)

**Total statutory remuneration of work item 2: €4,668.30**

### Summary of Beneficiaries' Fees

No.	Work Item	%	Remuneration
1	DRAINAGE – DESIGN	100%	€3,588.00
2	DRAINAGE – WORKS MANAGEMENT	100%	€4,668.30
	<b>Total for Design</b>		<b>€3,588.00</b>
	<b>Total for Works Management</b>		<b>€4,668.30</b>
	<b>TOTAL</b>		<b>€8,256.30</b>

## WATER-SANITARY SYSTEM

**Design budget estimate: €65,000.00**

### 1. WHITE WATER SYSTEMS – DESIGN

WATER SYSTEM DESIGN, EXECUTIVE DESIGN 75%, **Budget Estimate (Σ): €65,000.00**

**Category:** II,  $\kappa=2$ ,  $\mu=35$ ,  $\lambda = 0.23368$  2012 1st QUARTER,  $\lambda' = 0.23368$  2012 1st QUARTER,  $\beta=7.36$ , Number of applications: 1

$A = \beta/100 \times \Sigma \times \lambda/\lambda' = €4,784.00$  (Article 82 (1 and 4), Article 83(1 and 15) and Article 2 of Presidential Decree 696/1974 as amended and in force respectively by Articles 41, 42 and 1 of Presidential Decree 515/89)

$A = (A) \times (\text{Work coefficient}) \times (\text{Percentage of land}) = (€4,784.00) \times (1) \times (75\%) = €3,588.00$

**Total statutory remuneration of work item 1: €3,588.00**

### 2. WHITE WATER SYSTEMS – WORKS MANAGEMENT

WATER SYSTEM WORKS MANAGEMENT, **Budget Estimate (Σ): €65,000.00**

**Category:** II,  $\kappa=1.3$ ,  $\mu=25$ ,  $\lambda = 0.23368$  2012 1st QUARTER,  $\lambda' = 0.23368$  2012 1st QUARTER,  $\beta=5.13$ , Number of applications: 1

$A = \beta/100 \times \Sigma \times \lambda/\lambda' = €3,334.50$  (Article 92 (1 and 2) as amended and in force by Article 46 of Presidential Decree 515/89, Article 2 (1 and 2) of Presidential Decree 696/74 as amended and in force respectively by Articles 41, 42 and 1 of Presidential Decree 515/89)

**Add-ons:**

- Bill of Quantities:  $€3,334.50 \times 40\% = €1,333.80$  (Article 93 of Presidential Decree 696/74)

**Total statutory remuneration of work item 2: €4,668.30**

### Summary of Beneficiaries' Fees

No.	Work Item	%	Remuneration
1	WATER SYSTEMS – DESIGN	100%	€3,588.00
2	WATER SYSTEMS – WORKS MANAGEMENT	100%	€4,668.30
	<b>Total for Design</b>		<b>€3,588.00</b>
	<b>Total for Works Management</b>		<b>€4,668.30</b>
	<b>TOTAL</b>		<b>€8,256.30</b>

## LIFT SYSTEMS

**Design budget estimate: €60,000.00**

### 1. LIFT SYSTEMS – DESIGN

DRAINAGE DESIGN, IMPLEMENTATION DESIGN 40%, **Budget Estimate (Σ): €60,000.00**

**Category:** II,  $\kappa=2$ ,  $\mu=35$ ,  $\lambda = 0.23368$  2012 1st QUARTER,  $\lambda' = 0.23368$  2012 1st QUARTER,  $\beta=7.51$ , Number of applications: 1

**A =  $\beta/100 \times \Sigma \times \lambda/\lambda'$  = €4,506.00** (Article 82 (1 and 4), Article 83(1 and 15) and Article 2 of Presidential Decree 696/1974 as amended and in force respectively by Articles 41, 42 and 1 of Presidential Decree 515/89)

**A = (A) x (Work coefficient) x (Percentage of land) = (€4,506.00) x (1) x (75%) = €3,379.50**

**Total statutory remuneration of work item 1: €3,379.50**

### 2. LIFT SYSTEMS – WORKS MANAGEMENT

LIFT SYSTEMS WORKS MANAGEMENT, **Budget Estimate (Σ): €60,000.00**

**Category:** II,  $\kappa=1.3$ ,  $\mu=25$ ,  $\lambda = 0.23368$  2012 1st QUARTER,  $\lambda' = 0.23368$  2012 1st QUARTER,  $\beta=5.23$ , Number of applications: 1

**A =  $\beta/100 \times \Sigma \times \lambda/\lambda'$  = €3,138.00** (Article 92 (1 and 2) as amended and in force by Article 46 of Presidential Decree 515/89, Article 2 (1 and 2) of Presidential Decree 696/74 as amended and in force respectively by Articles 41, 42 and 1 of Presidential Decree 515/89)

**Add-ons:**

- Bill of Quantities: €3,138.00 x 40% = €1,255.20 (Article 93 of Presidential Decree 696/74)

**Total statutory remuneration of work item 2: €4,393.20**

### Summary of Beneficiaries' Fees

No.	Work Item	%	Remuneration
1	LIFT SYSTEMS – DESIGN	100%	€3,379.50
2	LIFT SYSTEMS – WORKS MANAGEMENT	100%	€4,393.20
	<b>Total for Design</b>		<b>€3,379.50</b>
	<b>Total for Works Management</b>		<b>€4,393.20</b>
	<b>TOTAL</b>		<b>€7,772.70</b>

## MECHANICAL SYSTEMS

**Design budget estimate: 450,000.00**

### 1. HEATING AND AIR CONDITIONING – DESIGN

1.1 EXECUTIVE HEATING AND AIR CONDITIONING DESIGN 75%, **Budget Estimate (Σ): €450,000.00**

**Category:** IV, κ=2,5, μ=45, λ = 0.23368 2012 1st QUARTER, λ' = 0.23368 2012 1st QUARTER, β=6.12, Number of applications: 1

**A = β/100 x Σ x λ/λ' = €27,540.00** (Article 82 (1 and 4), Article 83(1 and 15) and Article 2 of Presidential Decree 696/1974 as amended and in force respectively by Articles 41, 42 and 1 of Presidential Decree 515/89)

**A = (A) x (Work coefficient) x (Percentage of land) = (€27,540.00) x (1) x (75%) = €20,655.00**

**Total statutory remuneration of work item 1: €20,655.00**

### 2. HEATING AND AIR CONDITIONING – WORKS MANAGEMENT

2.1 HEATING AND AIR CONDITIONING WORKS MANAGEMENT, **Budget Estimate (Σ): €450,000.00**

**Category:** IV, κ=2, μ=28, λ = 0.23368 2012 1st QUARTER, λ' = 0.23368 2012 1st QUARTER, β=4.25, Number of applications: 1

**A = β/100 x Σ x λ/λ' = €19,125.00** (Article 82 (1 and 4), Article 83(1 and 15) and Article 2 of Presidential Decree 696/1974 as amended and in force respectively by Articles 41, 42 and 1 of Presidential Decree 515/89)

**Add-ons:**

- Bill of Quantities: €19,125.00 x 40% = **€7,650.00** (Article 93 of Presidential Decree 696/74)

**Total statutory remuneration of work item 2: €26,775.00**

### Summary of Beneficiaries' Fees

No.	Work Item	%	Remuneration
1	AIR CONDITIONING – DESIGN	100%	€20,655.00
2	AIR CONDITIONING – WORKS MANAGEMENT	100%	€26,775.00
	<b>Total for Design</b>		<b>€20,655.00</b>
	<b>Total for Works Management</b>		<b>€26,775.00</b>
	<b>TOTAL</b>		<b>€47,430.00</b>

## ELECTRICAL SYSTEMS

**Design budget estimate: 670,000.00**

### 1. ELECTRICAL SYSTEMS – DESIGN

**1.1 ELECTRICAL SYSTEMS DESIGN, FINAL + EXECUTIVE 75%, Budget Estimate (Σ): €670,000.00**

**Category:** III,  $\kappa=2.3$ ,  $\mu=45$ ,  $\lambda = 0.23368$  2012 1st QUARTER,  $\lambda' = 0.23368$  2012 1st QUARTER,  $\beta=5.47$ , Number of applications: 1

$A = \beta/100 \times \Sigma \times \lambda/\lambda' = €36,649.00$  (Article 82 (1 and 4), Article 83(1 and 15) and Article 2 of Presidential Decree 696/1974 as amended and in force respectively by Articles 41, 42 and 1 of Presidential Decree 515/89)

$A = (A) \times (\text{Work coefficient}) \times (\text{Percentage of land}) = (€36,649.00) \times (1) \times (75\%) = €27,486.75$

**Total statutory remuneration of work item 1: €27,486.75**

### 2. ELECTRICAL SYSTEMS – WORKS MANAGEMENT

**2.1 ELECTRICAL SYSTEMS SUPERVISION, Budget Estimate (Σ): €670,000.00**

**Category:** III,  $\kappa=1.3$ ,  $\mu=25$ ,  $\lambda = 0.23368$  2012 1st QUARTER,  $\lambda' = 0.23368$  2012 1st QUARTER,  $\beta=3.06$ , Number of applications: 1

$A = \beta/100 \times \Sigma \times \lambda/\lambda' = €20,502.00$  (Article 92 (1 and 2) as amended and in force by Article 46 of Presidential Decree 515/89, Article 2 (1 and 2) of Presidential Decree 696/74 as amended and in force respectively by Articles 41, 42 and 1 of Presidential Decree 515/89)

**Add-ons:**

- Bill of Quantities:  $€20,502.00 \times 40\% = €8,200.80$  (Article 93 of Presidential Decree 696/74)

**Total statutory remuneration of work item 2: €28,702.80**

### Summary of Beneficiaries' Fees

No.	Work Item	%	Remuneration
1	ELECTRICAL SYSTEMS – DESIGN	100%	€27,486.75
2	ELECTRICAL SYSTEMS – WORKS MANAGEMENT	100%	€28,702.80
	<b>Total for Design</b>		<b>€27,486.75</b>
	<b>Total for Works Management</b>		<b>€28,702.80</b>
	<b>TOTAL</b>		<b>€56,189.55</b>

Summary of Fees for Building Systems Design and Works Management

No.	Work Item	Design	Works management
1	BLACK WATER	€3,588.00	€4,668.30
2	WHITE WATER	€3,588.00	€4,668.30
3	LIFTS	€3,379.50	€4,393.20
4	MECHANICAL	€20,655.00	€26,775.00
5	ELECTRICAL	€27,486.75	€28,702.80
	<b>TOTAL</b>	<b>€58,697.25</b>	<b>€69,207.60</b>

## Calculation of Safety Fees

In accordance with established practice in Greece, and taking into account the complexity of the works and average market rates (7-10%), it is deemed appropriate to assign to this item a lump-sum value equal to 10% of the total fees determined for Demolition works and the three designs (Architectural, Structural and Building Services), as calculated in the following table:

<b>Category</b>	<b>Value of work (from Preliminary Design)</b>	<b>Executive design</b>	<b>Works Management</b>	<b>Category total</b>
Demolition works	€320,000.00	€7,198.80	€32,000.00	€39,198.80
Architectural works	€6,346,970.66	€263,701.24	€253,074.31	€516,775.55
Structural works	€1,900,000.00	€284,240.00	€90,174.00	€374,414.00
Building services	€1,310,000.00	€58,697.25	€69,207.60	€127,904.85
			<b>TOTAL</b>	€1,058,293.20
			<b>Safety at 10%</b>	<b>€105,829.32</b>

### **Delivery of BIM Design**

In the absence of local legislation specifically defining the percentage to be applied in order to determine the fee for delivery of the BIM design, it is considered appropriate, based on average market rates observed in Greece for comparable services offered by local technical practices, to apply a rate of 5% to the total fees for the executive design, as shown in the following table:

<b>Category</b>	<b>Executive design</b>
Demolition works	€7,198.80
Architectural works	€263,701.24
Structural works	€284,240.00
Building services	€58,697.25
TOTAL	€613,837.29
<b>BIM at 5%</b>	<b>€30,691.86</b>

### **General Expenses and Ancillary Costs**

Considering that the services will be carried out in Athens and that no specific logistical or organisational requirements are foreseen, in line with observed local market practice in Greece, it is considered sufficient to quantify general expenses and ancillary costs by applying a rate of 0.5% to the total for each individual fee, as set out in the table below:

<b>Category</b>	<b>Category total</b>
Demolition works	€39,198.80
Architectural works	€516,775.55
Structural works	€374,414.00
Building services	€127,904.85

Safety	€105,829.32
BIM	€30,691.86
<b>TOTAL</b>	<b>€1,194,814.38</b>
<b>General expenses at 0.5%</b>	<b>€5,974.07</b>

**SUMMARY TABLE**

<b>Category</b>	<b>Value of work (from Preliminary Design)</b>	<b>Executive design</b>	<b>Works Management</b>	<b>Category total</b>
Demolition works	€320,000.00	€7,198.80	€32,000.00	€39,198.80
Architectural works	€6,346,970.66	€263,701.24	€253,074.31	€516,775.55
Structural works	€1,900,000.00	€284,240.00	€90,174.00	€374,414.00
Building services	€1,310,000.00	€58,697.25	€69,207.60	€127,904.85
Safety				€105,829.32
BIM				€30,691.86
Expenses and Costs				€5,974.07
<b>TOTAL</b>	<b>€9,876,970.66</b>	<b>€613,837.29</b>	<b>€444,455.91</b>	<b>€1,200,788.45</b>