

I. TECHNICAL INFORMATION (COMPREHENSIVE VERSION)

DOUBLE AUTOMATIC SLIDING DOORS OF THE SIDE ENTRANCE OF PPA'S CENTRAL OFFICES

The scope of the present document is the replacement of the existing double swing doors of the side entrance of PPA's Central Offices with new automatic double sliding doors, suitable for highly corrosive marine environment, according to the following minimum technical specifications:

A. DOOR LEAVES

Each sliding door under supply will be consisted of four (4) symmetrical leaves: two (2) fixed and two (2) middle sliding leaves with the following main characteristics:

| | |
|---------------------------|--|
| Total External Dimensions | approx. [4.610 (W) mm X 2.400 (H)] mm |
| Clear Passage Width | approx. 2.110 mm |
| Frames | aluminum profile with elegant design, reinforced for resistance to vibration due to strong wind and electrostatically painted in the same color as the existing frames |
| Glasses | double, laminated safety glasses, triplex 3mm+3mm (the external pair of glasses must be made of reflective material "supersilver") |
| Sealing materials | special sealing elastic materials will be used for reducing the energy losses, due to air leakage |

It is noted that the whole requested 'double sliding door' system will include new skylights with the same layout and dimensions as the existing skylights.

B. AUTOMATION SYSTEM

The automatism will be manufactured by a reliable company for constant use (high frequency of door usage). The modular design, the mechanical and electronic systems creates a flexible, functional and compact sliding door system, easy to install and maintain and with reduced power consumption.

It will be equipped with antipanic system in order to satisfy the necessary safety requirements whenever the entrance/exit is used as an escape route in case of fire or other calamities that may strike the building. The antipanic system will allow the break out of at least the automatic entrance's moving parts.

In particular, each door's automatism will be suitable for the door's clear opening width as well as its maximum payload, with a maximum opening speed of at least 1,4 m/s and an operating temperature range from -10 to +50 °C. It will be equipped with:

- rollers with appropriate specifications for continuous, smooth and silent operation
- electronic multifunction control unit, equipped with a low-voltage microprocessor, a 24V motor for continuous operation without restrictions
- advanced approach and presence detection system
- power battery backup

- expansion board for additional features like LAN connection with IP address or connection to smartphone and tablet in bluetooth mode
- electromechanical locking device with manual release and panic button
- master/slave function for maximum avoidance of both cold/hot air inflow and environmental pollution inside the building
- connectivity to PPA's fire detection system, because the said double door system is used as an escape route. In case of fire, each door's leaves must fully open.

In every submitted offer must be included at least the following:

| Automation Technical Data | |
|--|--------------------|
| Model / Manufacturer | |
| Type & Nr of Motors | |
| Power Supply, Main Voltage Frequency | 230 V, AC 50/60 Hz |
| Rated Power (W) | |
| Max Payload (KG) | |
| Power External Devices (V) | |
| Max Opening Speed (m/sec) | |
| Max Closing Speed (m/sec) | |
| Operating Temperature (°C) | |
| Protective Class (\geq IP 20) | |
| Power Battery Backup | |
| Additional Accessories | |
| Quality Standards / CE Mark | |
| Manuals, Spare Parts Catalogue | |
| Duration of Good Performance Guarantee [(\geq 2 years), labor and spare parts] | |

The automatism must be accompanied by quality certifications regarding its structure and safety, in compliance with the existing European standards, directives and regulations. Moreover, the automatism will include all the necessary mechanical and electronic components, according to EN16005 regulation.

C. INSTALLATION

Before the final installation of the under supply sliding doors, the Supplier will carry out all the necessary works for dismantling of the existing double swing doors. Both the removal of the dismantled materials and the connection to the power supplies will be realized by PPA's competent working teams.

B. GENERAL TERMS - CONDITIONS

B.1 Delivery time, place & method

1. The under supply items must be delivered and installed within fifty (15) months after the date of contract signature, or the date of the relevant approved Purchase Order's notification.
2. The Supplier will undertake, at his own expenses and responsibility, the packaging transportation, unloading, placement, delivery, installation and commissioning of each offered item.
3. The Supplier will be responsible for the timely and appropriate configuration the door's location installation to ensure the necessary safety conditions, as well as for the connection of the power supplies from the nearest/most appropriate point indicated by PPA. In case that additional materials (e.g. full electrical kit for the connection to the existing PPA's electrical network etc.) or/and labor are needed, these expenses will borne the Supplier.
4. The Supplier will deliver the doors with reasonable care and professional integrity in compliance with hygiene and safety standards, labor law, as well as with environmental regulations.

B.2 Acceptance

1. All under supply items will be delivered with all necessary accessories (e.g. cables, safety signs and guidelines for placing / positioning items), completely assembled, installed and ready for normal operation.
2. The acceptance of the delivered items will be completed after the signature of the relevant Certificate of Acceptance of Procurement at the request of the Supplier.

B.3 Payment Terms

1. Payment of the contractual price will be held on the 20th day of the month, within two (2) months from the date of the final acceptance, provided that the respective invoice has been issued and the relevant Certificate of Acceptance of Procurement has been signed by the responsible Committee.
2. Each payment is realized either by check or by remittance to bank accounts at NBG or Alpha Bank after the submission of updated certificates of tax clearance and insurance awareness by the Supplier.