

Application 1

TECHNICAL ASSIGNMENT for participation in an order with a subject

"Framework contract for the supply of spare parts for the maintenance of the airfield ground lighting system (AGL) at Sofia Airport"

1. PURPOSE

To provide the necessary set of spare parts and consumables for the technical maintenance of the airfield lighting system (AGL) of Sofia Airport in order to ensure a continuous trouble-free operation of the system.

2. REQUIREMENTS

The AGL system of Sofia Airport was installed in the period 2005 – 2007. The installation used devices, materials and software manufactured and delivered by the Swedish company – SAFEGATE. Halogen lamps are from OSRAM. So far, spare parts from these manufacturers have been used in the operation and repair of AGL system.

The products listed below must be compatible and meet the technical parameters of those currently installed.

Sample (reference) list of the most frequently used spare parts for the lighting system at Sofia Airport:

№	NAME OF THE PRODUCT
1.	Terminal strip, 2-pole, 10A, Ceramic, 4mm ²
2.	Prism, straight, narrow, marking "CL"
3.	Prism, curved, left, marking "I"
4.	Prism, curved, right, marking "II"
5.	IDM 5552 Gasket
6.	Terminal pin Ø4
7.	Mechanical frangible coupling
8.	Runway edge elevated high intensity bi-directional light, model: IDM 5848
9.	Base plate: IDMAN 5838
10.	Top cover, only cast IDM4552/5552/5562
11.	O-ring gasket 126,6x3,53mm
12.	O-ring gasket 160x3mm
13.	Secondary connectors – KD501.2(plug),
14.	Secondary connectors –KD503R.1 (receptacle)
15.	LMS Single, with one FAA- STYLE7 connector, 300W, 2,5÷6,6A, 50/60Hz
16.	LMS Dual, with two FAA- STYLE7 connectors, 2x300W, 2,5÷6,6A, 50/60Hz
17.	Transformers for taxiway inset light, AGLST 300W, 5000V, 6,6/6,6A, 50/60Hz
18.	Transformers for taxiway inset light, AGLST 200W, 5000V, 6,6/6,6A, 50/60Hz
19.	Transformers for taxiway inset light, AGLST 150W, 5000V, 6,6/6,6A, 50/60Hz
20.	Transformers for taxiway inset light, AGLST 100W, 5000V, 6,6/6,6A, 50/60Hz
21.	Transformers for taxiway inset light, AGLST 65W, 5000V, 6,6/6,6A, 50/60Hz
22.	Transformers for taxiway inset light, AGLST 45W, 5000V, 6,6/6,6A, 50/60Hz

23.	LED RUNWAY AND TAXIWAY LIGHT Type: DSFA2GG0ASI0001 ,Center, Colors: Taxiway Straight G/G
24.	LED LIGHT Type: SL-IQ1-SB-I-U-W-S-R-1C, 6.6 A
25.	LED LIGHT V2, Type: SL-IQ1-SB-E-U-R-6.6A-1C, 6.6 A
26.	LED RUNWAY AND TAXIWAY LIGHT, Type: DSFA3GY0ASI0001, Center, Colors: Taxiway Straight G/Y
27.	LED RUNWAY AND TAXIWAY LIGHT, Type: SL-IQ1-RX-I-8-U-S-S-Y-1C, 6.6 A
28.	Taxiway edge reflective marker, color - blue
29.	Microwave barrier detector 596530 – transmitter + receiver
30.	Sensor interface unit 591885
31.	Primary cable RV-K 2x6mm ² 0.6/1kV
32.	Secondary cable RV-K 2x4 mm ² 0.6/1kV
33.	One component, polyurethane-based, low modulus joint sealant ideal for use in high humidity conditions HYPERSEAL®-EXPERT-150
34.	Halogen lamp, Ø35mm, 6.6 A, 40W (type 64333 B)
35.	Halogen lamp, 6.6 A, 45W (type 64319 Z)
36.	Halogen lamp, 6.6 A, 100W (type 64342 HLX)
37.	Halogen lamp, Ø50mm, 6.6A, 105W (type 64339B)
38.	Halogen lamp, 6.6 A, 150W (type 64361 HLX Z)
39.	Halogen lamp, 6.6 A, 150W (type 64382 HLX C)

3. OTHER REQUIREMENTS

- Deadline for implementation: delivery within 90 (ninety) calendar days from the submission of a written request.
- Delivery should take place on the territory of Sofia Airport.
- Manner of payment:
 - Advance payment: by bank transfer, 50% of the value of the written request.
 - Final payment: by bank transfer, after signing the handover protocol without remarks and issued invoice.
- Validity of the offer – not less than 90 calendar days from the date of receipt of the offer.
- Warranty period for the delivered spare parts – not less than 12 (twelve) months.
- All products must have quality certificates from the manufacturer, and they are provided to the user.
- Term of the framework contract: 12 (twelve) months.
- Other specific products, different from those given in the sample (reference) list, may be requested.
- Additional installation and programming will be required for specific products, if necessary.
- All delivered products must be new and non-recycled.
- Delivery is made only after a written request from the Assignor, if required.