

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
1.	Lighting fixture (halogen) IDM 2051-C-O 3x105W
2.	Lighting fixture (halogen) IDM 5562 C 2x40W- G/Y
3.	Lighting fixture (halogen) IDM 5562 N 2x40W- G/G
4.	Осветително тяло (халогенно) IDM 5751 N 40W- Y
5.	IDM 5552 Prism, straight, narrow, marking "CL" Code 09-448041
6.	IDM 5552 Prism, curved, left, marking "I" Code 09-448021
7.	IDM 5552 Prism, curved, right, marking "II" Code 09-448022
8.	IDM 5552 S Prism, straight, marking "S" Code 09-448010
9.	IDM 5552 Gasket for prisms Code 08-348011
10.	IDM 5552 Colour filter yellow Code 09-6Y48019
11.	IDM 5552 Colour filter green Code 09-6G48019
12.	IDM 5552 Colour filter red Code 09-6R48019
13.	IDM 2051 Prism clear, Code 09-448134
14.	IDM 4351 Prism green Code 09-4 G48134
15.	IDM 4361 Prism red Code 09-4 R48134
16.	IDM 4062 Prism yellow Code 09-4 Y48134
17.	IDM 2051 Gasket for prisms Code 08-348135
18.	IDM 5848 Outer bowl Code 09-34336
19.	IDM 5848 Gasket Code 08-32171
20.	IDM 5848 Inner bowl clear 360degree Code 09-34360
21.	IDM 5848 Inner bowl 180degree Right red Code 09-34443 R
22.	IDM 5848 Inner bowl 180degree Left red Code 09-34435 R
23.	IDM 5848 Inner bowl 180degree Right yellow Code 09-34386 Y

24.	IDM 5848 Inner bowl 180degree Left yellow Code 09-34378 Y
25.	IDM 5848 Inner bowl 180degree Right Code 09-34352 C
26.	IDM 5848 Inner bowl 180degree Left Code 09-34344 C
27.	IDM 2982 Front glass D162 Code 09-22166
28.	IDM 2982 Gasket Code 08-32676
29.	IDM 2982 Front glass green Code 09-22170
30.	IDM 2982 Front glass red Code 09-22175
31.	IDM 2982 Gasket Code 08-338072
32.	Terminal strip, 2-pole, 10A, Ceramic
33.	Terminal pin Ø4
34.	Mechanical frangible coupling
35.	Base plate IDMAN 5838
36.	O-ring gasket 126,6x3,53
37.	O-ring gasket 160x3
38.	Connectors for secondary cable, male – KD501.2 (plug)
39.	Connectors for secondary cable, female – KD503R.1 (receptacle)
40.	Primary cable connectors, set – KD500.6
41.	Secondary cable for lighting fixture, male, two-wire, 2x1,5mm ²
42.	Halogen lamp , Ø35mm, 6.6A, 40W (type 64333 B)
43.	Halogen lamp , 6.6A, 45W (type 64319 Z)
44.	Halogen lamp , 6.6A, 100W (type 64342 HLX)
45.	Halogen lamp , Ø50mm, 6.6A, 105W (type 64339B)
46.	Halogen lamp , 6.6A, 150W (type 64361 HLX Z)
47.	Halogen lamp , 6.6A, 200W (type 64382 HLX C)
48.	Cable gland GLAND AGRO M6
49.	Valve assembly VALVE ASSEMBLY M6
50.	LMS Single, with one FAA- STYLE7 connector, 300W, 2,5÷6,6A, 50/60Hz
51.	LMS Dual, with two FAA- STYLE7 connectors, 2x300W, 2,5÷6,6A, 50/60Hz
52.	Isolating transformer 300W, 5000V, 6,6/6,6A, 50/60Hz
53.	Isolating transformer 200W, 5000V, 6,6/6,6A, 50/60Hz
54.	Isolating transformer 150W, 5000V, 6,6/6,6A, 50/60Hz
55.	Isolating transformer , 100W, 5000V, 6,6/6,6A, 50/60Hz
56.	Isolating transformer , 65W, 5000V, 6,6/6,6A, 50/60Hz
57.	Isolating transformer , 45W, 5000V, 6,6/6,6A, 50/60Hz
58.	IDM 5196 - body PAPI, set
59.	LED light for warning lights for taxiway exit, one-way, yellow, built-in, with all necessary elements, type: SL-IQ1-RX-I-8-U-S-S-Y-1C
60.	IDM 2982 C 150 W Approach centre line
61.	IDM 2982 R 45 W Stop bar
62.	IDM 2982 G 150 W Threshold

3. OTHER REQUIREMENTS

- Deadline: delivery within 90 (ninety) calendar days from the submission of a written request.
- The delivery should be made on the territory of Sofia Airport.
- Method 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 comments and issued an invoice.
- Validity of the offer: not less than 90 calendar days from the date of receipt of the offer.
- Warranty period for the supplied spare parts: not less than 12 (twelve) months.
- All products must have quality certificates from the manufacturer, and the same are provided to the user.
- Term of the framework contract: 12+12 (twelve + twelve) months or a total of 24 (twenty-four) months.
- Other specific products other than those given in the example (reference) list can be requested.
- For specific products, additional installation and programming will be required, if necessary.
- All delivered products must be new and non-recycled.
- Delivery is carried out only after a written request from the Employer, if necessary.