

1. Supplying and Delivery of Light Fittings for Auditorium Building of General Sir John Kotelawala Defence University (KDU/2707/2021).

Addendum No. 1

1. Section - V, Schedule of Requirements, (Page V-42), the following information shall be provided in Clause 4: Light fittings.

“The warranty period of the driver should be similar to the same of the light fitting”

Added.

(Page No V-42 amended and attached.)

2. Section - V, Schedule of Requirements, (Page V-61), the following information shall be provided in Section sub clause 5.1: Bidding Stage of Clause 5: Submittals.

“1. 900 lm LED Recessed Down Light (BOQ Item 1.01).”

“7. 900 lm LED Surface Mounted Down light (BOQ Item 1.07)”

“8. 1200 lm LED Surface Mounted Down light (BOQ Item 1.08)”

“10. Surface mounted type 4 ft. LED single batten fitting (BOQ Item 1.10)

“11. Surface mounted type 4 ft. LED double batten fitting (BOQ Item 1.11)

Added.

(Page No V-61 amended and attached)

3. Section - V, Schedule of Requirements, (Page V-61), the following information shall be provided in Section sub clause 5.1: Bidding Stage of Clause 5: Submittals.

“12. Recessed mounted type of 3000 Lm (600x600 mm) LED Panel fitting (BOQ Item 1.12)”

“12. Surface mounted type of 3000 Lm (600x600 mm) LED Panel fitting (BOQ Item 1.13)”

“15. Wall Mounted LED Bulkhead Light-Lamp Replaceable (BOQ Item 1.15)

“16 Duct mounted LED light fitting-Lamp Replaceable (BOQ Item 1.16)

“21 4000 lm LED flood light (BOQ Item 1.22)”

Added

(Page No V-61-A newly added)

4. LIGHT FITTINGS

A local government owned testing organization shall check each LED fitting and test reports shall be submitted along with the sample.

The Contractor shall provide Samples, IES files and data sheets of fitting, LED chip and LED driver of each LED lamp fitting (obtained from the manufacturer) to the Consultant for approval.

LED fitting shall have minimum manufacturer warranty as indicated below. The Contractor shall provide written documents for the Warranty.

The LED Chip shall have IES LM 79 and IES LM 80 test reports and shall be submitted for approval.

The LED driver shall be of constant current type. The harmonic content of the fitting shall be below 40%. It shall have inbuilt circuitry for line isolation, lightning protection, over voltage protection and filtering circuit for Electromagnetic interference. The data sheet obtained from the manufacturer shall be submitted. The warranty period of the driver should be similar to the same of the light fitting.

Written documents shall be available to support the following data.

4.1. 900lm Recessed Mounted LED Down Light



Colour of the Body	:	White
Body	:	Aluminium/ Aluminium alloy or substantially equivalent
Shielding angle	:	≥ 20
Diffuser	:	PMMA / Virgin Polycarbonate
Material of the heat sink	:	Metal
Lumen output	:	900lm
Luminous Efficacy	:	≥ 80 lm/W
Lifetime	:	$\geq 35,000$ Hours
Colour Temperature	:	3,000k
Colour rendering index	:	≥ 80
Operating voltage	:	230V, 50Hz, 1-phase

4.26. Presence Detector

Technology	:	passive infrared sensors with Automatic control of lighting depending on presence and brightness
Mounting Method	:	Wall
Specified detection distance	:	≥ 8 m (walking)
Field of view	:	180°
Adjustable time delay	:	10 s to 20 min.
Light level threshold	:	10 to 1500 lux
Operating voltage	:	230 V AC/ 50 Hz
Type of protection	:	IP 54
Warranty	:	2 years
Warranty (Power Supply Unit)	:	2 years

5. SUBMITTALS

Following submissions shall be made at each stage.

5.1.BIDDING STAGE

The bidder shall submit following along the bid.

- The technical datasheets of each product and catalogue which indicate a clear pictorial view of the product shall be submitted with the bid for evaluation.
- The IES files of the fittings requested in Technical Schedule shall be submitted along the bids via CD copy.
- Samples of following light fittings along the bid.
 1. 900 lm LED Recessed Down light (BOQ Item 1.01).
 2. 1200lm Recessed Mounted LED Down Light (BOQ Item 1.02).
 3. 1200lm Dimmable Recessed Mounted LED down Light (BOQ Item 1.03).
 4. 2000lm Recessed Mounted Led Down Light-External Corridor (BOQ Item 1.04).
 5. 500lm Fixed LED Spotlight (BOQ Item 1.05).
 6. 700lm Adjustable, Dimmable LED Spotlight (BOQ Item 1.06).
 7. 900 lm LED Surface Mounted Down light (BOQ Item 1.07).
 8. 1200 lm LED Surface Mounted Down light (BOQ Item 1.08).
 9. 1100lm Surface Mounted Cylindrical LED down Light (Staircase) (BOQ Item 1.09).
 10. Surface mounted type 4 ft. LED single batten fitting (BOQ Item 1.10).
 11. Surface mounted type 4 ft. LED double batten fitting (BOQ Item 1.11).

Section V – Schedule of Requirements

12. Recessed mounted type of 3000 Lm (600*600 mm) LED Panel fitting (BOQ Item 1.12).
13. Surface mounted type of 3000 Lm (600*600 mm) LED Panel fitting (BOQ Item 1.13).
14. Wall Mounted LED Light (Staircase) (BOQ Item 1.14).
15. Wall Mounted LED Bulkhead Light-Lamp Replaceable (BOQ Item 1.15).
16. Duct mounted LED light fitting-Lamp Replaceable (BOQ Item 1.16).
17. Floor Mounted IP 67 IN Ground Light (BOQ Item 1.17).
18. LED Wall Recessed Step Light (BOQ Item 1.18).
19. LED Step Light (BOQ Item 1.19).
20. Non Maintained Type LED wall mounted emergency Lamp (BOQ Item 1.21).
21. 4000 lm LED flood light (BOQ Item 1.22).

ACKNOWLEDGMENT

Chairman,
Department Procurement Committee,
General Sir John Kotelawala Defence University,
Rathmalana.

Supplying and delivery of Light Fittings for Auditorium Building of General Sir John Kotelawala Defence University (KDU/2707/2021).

We have received Addendum No. 1 of the above work.

.....

Name and Address of the Bidder

.....

Signature and Seal / Date