

**ITB 2019 009**  
**Office LED Lights**  
**ANNEX A - TECHNICAL SPECIFICATIONS**

PROD	Mandatory item for bidders	Requirements DESCRIPTION	INDICATIVE DIMENSIONS	SPECIFICATIONS
TYPE 1	MANDATORY	<ul style="list-style-type: none"> <li>▪ Freestanding LED light for 4 workstations.</li> <li>▪ Central position, in the middle of 4 regrouped desks.</li> <li>▪ Direct-indirect light emission with 2 control sensors for light and movement.</li> <li>▪ Each light controlled independently (manually and automatically).</li> <li>▪ Minimum 2m power supply cable with plug.</li> <li>▪ Base plate, H-shaped.</li> <li>▪ Dimmerable.</li> </ul>	L = 1600 mm B = 600 mm H = 2000 mm	Voltage: 230V Colour Temperature: 4000K Luminous Flux: Approximately 22000 lm Colour of the Structure: White
TYPE 2	MANDATORY	<ul style="list-style-type: none"> <li>▪ Freestanding LED light for 2 workstations.</li> <li>▪ Lateral position, on one side of 2 face-to-face desks.</li> <li>▪ Direct-indirect light emission with 2 control sensors for light and movement.</li> <li>▪ Each light controlled independently (manually and automatically).</li> <li>▪ Minimum 2m power supply cable with plug.</li> <li>▪ Base plate, T-Shaped</li> <li>▪ Dimmerable.</li> </ul>	L = 800 mm B = 600 mm H = 2000 mm	Voltage: 230V Colour Temperature: 4000K Luminous Flux: Approximately 11000 lm Colour of the Structure: White
TYPE 3	MANDATORY	<ul style="list-style-type: none"> <li>▪ Freestanding Tunable (change of colour) LED light for 2 workstations.</li> <li>▪ Lateral position, on one side of 2 face-to-face desks.</li> <li>▪ Direct-indirect light emission with 2 control sensors for light and movement.</li> <li>▪ Each light controlled independently (manually and automatically).</li> <li>▪ Minimum 2m power supply cable with plug.</li> <li>▪ Base plate, T-shaped.</li> <li>▪ Dimmerable.</li> </ul>	L = 800 mm B = 600 mm H = 2000 mm	Voltage: 230V Colour Temperature: 2700 – 6500 K Tunable white Luminous Flux: Approximately 11000 lm Colour of the Structure: White
TYPE 4	MANDATORY	<ul style="list-style-type: none"> <li>▪ Freestanding LED light for 1 workstation.</li> <li>▪ Lateral position, on the left or right side of the desk.</li> <li>▪ Direct-indirect light emission with 2 control sensors for light and movement.</li> <li>▪ 1 manual control element.</li> <li>▪ Minimum 2m power supply cable with plug.</li> <li>▪ Base plate, Full mould, Oblong.</li> <li>▪ Dimmerable.</li> </ul>	L = 800 mm B = 300 mm H = 2000 mm	Voltage: 230V Colour Temperature: 4000K Luminous Flux: Approximately 7000 lm Colour of the Structure: White
TYPE 5	MANDATORY	<ul style="list-style-type: none"> <li>▪ Suspended LED light channel system.</li> <li>▪ Direct-indirect light emission.</li> <li>▪ Dimmerable.</li> </ul>	L = 4200 mm (could be composed of multiple elements) B = 1000 mm H = 40 mm	Voltage: 230V Colour Temperature: 4000K Luminous Flux: Approximately 3500 lm Colour of the Structure: White or Aluminium
TYPE 6	MANDATORY	<ul style="list-style-type: none"> <li>▪ Suspended LED light, round.</li> <li>▪ Direct-indirect light emission.</li> <li>▪ Dimmerable.</li> </ul>	Diam = 1000 mm H = 75 mm	Voltage : 230V Colour Temperature: 4000K Luminous Flux: Approximately 9000 lm Colour of the Structure: White or Aluminium
TYPE 7	MANDATORY	<ul style="list-style-type: none"> <li>▪ Suspended LED light, round.</li> <li>▪ Direct-indirect light emission.</li> <li>▪ Dimmerable.</li> </ul>	Diam = 500 mm H = 75 mm	Voltage : 230V Colour Temperature: 4000K Luminous Flux: Approximately 7000 lm Colour of the Structure: White or Aluminium

General Requirements	
MANDATORY	The suspended lights must be assembled, fixed to the ceiling, connected to the electrical power network of the building and controlled through a dimmerable and cabled switch
MANDATORY	The freestanding lights must be assembled and connected with the power supply cable
MANDATORY	to indicate the Years of Warranty for the products listed in the Annex B
The samples of the items mentioned below are to be submitted to UNHCR HQ Geneva	
MANDATORY	<p><b>A sample is required for Type 1, Type 2, Type 3 and Type 4.</b></p> <p>The samples shall be delivered to UNHCR HQ Geneva concomitantly or latest two days after the submission of the offer. Vendors are required to manage the delivery and return of the samples. The samples will be tested by UNHCR. The return should be organized upon completion of this tendering process, except for the successful bidder which will then invoice UNHCR for delivered samples.</p>
The items/documents listed below require the submission of relevant documents/certificates to be provided through a download link	
MANDATORY	<p>Demonstrated capacity to perform necessary services by providing detailed company profile information and documentation, including:</p> <p><b>A) Detailed introduction of the company profile</b></p> <p><b>B) Company registration certificate</b></p> <p><b>C) Years of business experience</b></p> <p><b>D) Quality standard certification/s for Lighting products</b></p>