

## ***ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER***

**Contract title: Supply of SUPPLY AND INSTALATION OF LED LIGHTNING IN BIJAMBARE CAVE**

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**Publication reference: 05-2-136-2/20**

**Columns 1-2 should be completed by the contracting authority**

**Columns 3-4 should be completed by the tenderer**

**Column 5 is reserved for the evaluation committee**

Annex III - the contractor's technical offer

The tenderers are requested to complete the template on the next pages:

- Column 2 is completed by the contracting authority shows the required specifications (not to be modified by the tenderer),
- Column 3 is to be filled in by the tenderer and must detail what is offered (for example the words ‘compliant’ or ‘yes’ are not sufficient)
- Column 4 allows the tenderer to make comments on its proposed supply and to make eventual references to the documentation

The eventual documentation supplied should clearly indicate (highlight, mark) the models offered and the options included, if any, so that the evaluators can see the exact configuration. Offers that do not permit to identify precisely the models and the specifications may be rejected by the evaluation committee.

The offer must be clear enough to allow the evaluators to make an easy comparison between the requested specifications and the offered specifications.

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
1	<p>Light colour 4000k</p> <p>200w power LED reflector.</p> <p>BB link BRFL 200-0 or similar.</p> <p>Lumenase more or equal to 130 lm / w</p> <p>Number of individual diodes more than 240</p> <p>Optical lenses over each diode by which an asymmetric dispersion of light is achieved.</p> <p>Necessary existence of IES file and possibility of photometric calculation in case of need and as proof of required characteristics.</p> <p>It is necessary to have a non-return valve on the luminaire housing to prevent condensation.</p> <p>Aluminium light housing of ribbed cooler, plastic coated. "</p>	15 pieces		

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
2	<p>Light colour 4000k</p> <p>200w power LED reflector.</p> <p>Lumenase not less than 130 lm / w</p> <p>Number of individual diodes more than 240</p> <p>It is required to have optical lenses over each diode by which an asymmetric dispersion of light is achieved.</p> <p>Necessary existence of IES file and possibility of photometric calculation in case of need and as proof of required characteristics.</p> <p>BB link BRFL 200-0 or similar.</p> <p>It has a variable angle bracket</p> <p>It is necessary to have a non-return valve on the housing to prevent condensation.</p> <p>Aluminium light housing of ribbed cooler, plastic coated. "</p>	6 pieces		
3	Variable angle bracket anti-corrosion protected as part of the LED reflector	21 pieces		

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
4.	<p>Ice sealing lamp power 42w</p> <p>Ip protection minimum ip65</p> <p>BB Link LG236A or similar.</p> <p>Length about 1200mm</p> <p>Light colour 4000k</p> <p>ABS housing, matt polycarbonate digester attached with metal clasps to the housing.</p> <p>The lamp is transiently equipped with two pg13.5 glands and two-way quick couplings.</p> <p>It has metal mounting brackets.</p> <p>Power supply transformer lamps from a reputable manufacturer, MEAN WELL, TRIDONIC, OSRAM or similar.</p>	20 pieces		

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
5	<p>CABINET (replacement of the existing one)</p> <p>The cabinet is made of polyester. The cabinet has IP 65 protection and IK08 mechanical protection. Possibility of locking the door. The cabinet is required to have a metal plate for mounting the necessary installation. As part of the cabinet, install photocells with a breaking capacity of 20A, which has 2 inlets for cable entry and exit. 3 combi circuit breakers position 0/1, single-phase two-pole. 3 pieces of silent contactors of breaking power 20A for mounting on the rail.3 pieces of automatic fuses 16A.</p>	1 pieces		