**Requirement Specification of**

**KVM EXTENDER, CATX DVI-D, PS/2**

1. **Requirements**

**1.1. Description of the requirement**

DALO wants to acquire 3 units KVM EXTENDER,CATX DVI-D, PS/2 for transferring video and audio signals.

SINGLE-DVI CATX KVM EXTENDER FOR PS/2 K/M must be able to send keyboard, mouse and DVI-D video signals op to 400 feet (121.9 m) over CAT5, CAT5e, or CAT6 cable.

**1.2. Description and definitions**

The requirement specification, cf. section 1.4, describes all the requirements for the acquisition and consists of six columns with the following information:

|  |  |
| --- | --- |
| "#" | ID number |
| "Requirement" | Requirement description |
| "Classification" | The classification of the requirement as further described in section 1.3 |
| "DALO remarks" | Further information regarding the requirement |
| "Requirement compliance" | The tenderer's indication of compliance (YES or NO) |
| "Tender description" | Requirements regarding the tenderer's compliance description |

**1.3. Classification**

All requirements are mandatory requirements (SHALL) and shall be fulfilled by the tenderer. If just one of the mandatory requirements is not fulfilled, the tenderer's tender will not be taken into further consideration.

* 1. **Requirement and response sheet**

**(\*\*) SINGLE DVI CATX KVM EXTENDER FOR PS/2 K/M**

|  |  |
| --- | --- |
| **DISTANCE** | 24 AWG: 400 ft. (121.9 m),  26 or 28 AWG: 200 ft. (61 m) |
| **RESOLUTION (MAXIMUM)** | 1920 x 1200 @ 60 Hz |
| **CONNECTORS** | Local unit: Keyboard and mouse: (1) 6-pin mini-DIN F;  Monitor: (2) DVI-D F;  Interconnect: (1) RJ-45;  Remote unit: Keyboard and mouse: (2) 6-pin mini-DIN F;  Monitor: (1) DVI-D F;  Interconnect: (1) RJ-45 |
| **OPERATING ENVIRONMENT** | Temperature: 41 to 113°F (5 to 45°C);  Humidity: Up to 80% noncondensing |
| **POWER** | 90–240 VAC, 47–63 Hz, autosensing, external, with IEC 320 connector and cord. |
| **SIZE** | Each unit: Approximately, 1.1"H x 4"W x 5.6"D (2.8 x 10.2 x 14.2 cm). Max. 1U in 19” Rack |
| **WEIGHT** | Each unit: Approximately, 1.3 lb. (0.6 kg) |
| **OTHERS** | Support for DVI-D Graphic cards (all devices)  Support for PS2-Keyboard and PS2-Mouse  Supporting 16 Bit/24 Bit auto switching or fixed 24 Bit color depth  Bi-directional stereo audio (16-bit digitized) support enables high-quality, low-noise, audio extension.  Status indicator LEDs on each device.  Rack mount options |

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| **#** | **Requirement** | **Classification** | **DALO remarks** | **To be filled out be the tenderer** | | |
| **Requirement compliance**  **(tick a box)** | | **Tenderer's description** |
| **YES** | **NO** |
| **1** | The supplier shall supply the following:  (\*\*)(see the table above) | SHALL |  |  |  |  |
| **2** | The tenderer shall fulfill the standards in ISO 14001 or equivalent. | SHALL | The tenderer SHALL submit documentation for the fulfilment of the requirement. |  |  |  |
| **3** | SINGLE-DVI CATX KVM EXTENDER FOR PS/2 K/M must be able to send keyboard, mouse and DVI-D video signals op to 400 feet (121.9 m) over CAT5, CAT5e, or CAT6 cable. | SHALL |  |  |  |  |
| **4** | The terms of delivery shall be INCOTERMS 2010 | SHALL | This term is a substitution for the delivery term in DALO’s Terms and Conditions for Trade |  |  |  |
| **5** | The offered delivery time must be maximum 21 calendar days. | SHALL |  |  |  |  |