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ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ  
KARNATAK UNIVERSITY  
University with Potential for Excellence  
"NAAC Accredited with 'A' Grade"

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ಯೋಜನೆ, ಮೇಲ್ವಿಚಾರಣೆ ಮತ್ತು ಮೌಲ್ಯಮಾಪನ ಮಂಡಳಿ  
PLANNING, MONITORING & EVALUATION BOARD

Ref. No.: KU/PMEB/2024-25/ 58

Date: 8/7/2024

ಪ್ರಕಟಣೆ

ವಿಷಯ: ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಆವರಣಕ್ಕೆ 08 ಸಿಸಿ ಟಿವಿ ಜೊತೆಗೆ 04 ಯು.ಪಿ.ಎಸ್‌ಗಳ  
ಕೊಟೇಶನ ನೀಡುವ ಕುರಿತು.

ಮೇಲ್ಕಾಣಿಸಿದ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಆವರಣದಲ್ಲಿರುವ  
ವಸತಿ ನಿಲಯಗಳಿಗೆ ಹಾಗೂ ಜನಗುಳಿ ಇರುವ ಪ್ರದೇಶಗಳಿಗೆ 08 ಸಿಸಿ ಟಿವಿ ಜೊತೆಗೆ 04  
ಯು.ಪಿ.ಎಸ್ ಅಳವಡಿಸಲು ಲಗತ್ತಿಸಲಾದ ನಿರ್ದಿಷ್ಟತೆಯೊಂದಿಗೆ ಕೊಟೇಶನ್‌ನ್ನು ಮೊಹರಬಂದ  
ಲಕೋಟಿಯಲ್ಲಿ 7 ದಿನಗಳೊಳಗಾಗಿ ನಿರ್ದೇಶಕರು, ಯೋಜನೆ, ಮೇಲ್ವಿಚಾರಣೆ ಮತ್ತು ಮೌಲ್ಯಮಾಪನ  
ಮಂಡಳಿ, ಕವಿವಿ, ಧಾರವಾಡ - 580003 ಇವರಿಗೆ ಸಲ್ಲಿಸಲು ಈ ಮೂಲಕ ತಿಳಿಸಲಾಗಿದೆ.

ಅಡಕ: ಲಗತ್ತಿಸಿದೆ

ತಮ್ಮ ವಿಶ್ವಾಸಿ.

ನಿರ್ದೇಶಕರು

**1. Supply, Testing, Installation and Maintenance of CCTV Surveillance System for  
Karnatak University Entry Exit Gates**

SI No	PARTICULAR	QTY /MTR
1.	Supply and Installation of <b>4MP Entry IR Fixed-focal Outdoor Bullet Network Camera</b> - 4MP, 1/3” CMOS image sensor, low illuminance, high image definition Built-in IR LED, max. <b>IR distance: 50 m</b> Outputs 4MP (2560 × 1440) @25/30 fps, and supports max. 4MP (2688 × 1520) @20 fps POE power support Protection IP67 <b>Make : Reputed Brand</b>	8
2.	Supply and Installation of <b>4 Channel -NVR Network Video Recorder</b> – H.265+/H.265/Smart H.264+/H.264/MJPEG decoding format Max. decoding capability: 10 × 1080p@30 fps. Supports adaptive decoding SATA ports, up to 6 TB. The maximum HDD capacity <b>Make : Reputed Brand</b>	4
3.	Supply and Installation of <b>4 TB Hard Disk Surveillance Hard Drive - SATA 6Gb/s</b>	4
4.	Supply and Installation of <b>4 Port POE 2 Giga Uplink Switch</b>	4
5.	Supply and Installation Laying of Cat 6 UTP Outdoor Lan Cable In all four Locations as directed by the Engineer in charge including cost of all materials, machinery, labour, etc	<b>1500 MTR</b>
6.	Supply and Installation of <b>24 Port 1000 mbps Lan Switch</b>	1
7.	Supply and Installation 2U –NVR Rack Wall mount ,With Power Plug Socket , Metal cabinet box Glass door	4
8.	Power Supply and Installation ,Power point Cabling with Power Plug Socket and Switch (in case power supply needed for rack points) to all four Locations including cost of all materials, machinery labour etc complete as directed by the Engineer in charge	4

## Terms And conditions

Comprehensive onsite maintenance for 2 (Two) Years including all the Hardware and software that are going to be supplied by the vendor for period of warranty

All the software and the firmware are upgrades shall be free of charges for at least 2 years. Free of cost Complete Maintenance of every product including accessories for two years from the date of installation

### Period of warranty:

The warranty shall be for a period of 2 (Two) Years with comprehensive onsite support for all the Hardware parts. b) If additional period of warranty is provided by the vendor at the same cost, that will be an added advantage.

### Installation & Working satisfactory report:

All hardware shall be delivered at the Karnatak University Dharwad . The hardware shall then be checked and tested in the University Premise in presence of KUD I T Section Engineers. The IT Section KUD will issue Installation & Working satisfactory report.

## 2. Supply and Installation 1 KVA/12 V Offline UPS

### Configuration and specification for 1 KVA/12 V Offline UPS and Batteries

SI No	Specification	
1.	Type	Offline single Phase input and single Phase out put
2.	Capacity	<b>1 KVA / 12V</b>
3.	Input Voltage	170v-270V
4.	Output Voltage	230V+/- 1% V
5.	Waveform	Pure Sine Wave
6.	Alaram	On Battery, Low Battery, UPS Over Load
7.	Battery supported	No of battery supported- Four batteries (12V each)
8.	<b>Battery type</b>	<b>Tubular 100Ah</b>
9.	<b>Warranty</b>	<b>3 Year on site comprehensive including batteries</b>
10.	Protection	Automatic discharge protection with self-test Features Over load, Surge protection, Input fault Cold start, Low battery, Battery charge Output short circuit. Charging Current Circuit Inverter over temperature
11.	<b>Warranty</b>	UPS 2 years to 3 years Tubular Battery 3 years to 5years

#### **Note:**

For all four location

Input wiring for UPS with Material,

Output wiring with material to connect switch boards,

***KUD Campus Main Entry and exit Points Locations***

- |                                 |             |          |
|---------------------------------|-------------|----------|
| 1) Gate 2 Barakotri Road        | Camera -2no | Ups -1no |
| 2) Gate 2 Golden jubilee Road   | Camera -2no | Ups -1no |
| 3) Gate 3 Malprabha Hostel road | Camera -2no | Ups -1no |
| 4) Statue Circle                | Camera -2no | Ups -1no |

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Total Camera-08no  
Ups -04no