

UNIVERSITY OF JAMMU

CORRIGENDUM

Please read:

"Bank" instead of **"back"** and **"retained"** instead of **"ratined"**

appearing in 9th and 10th lines of this office order No. Fin./2018-19/4100-08 dated: 04-09-2018.

The other terms and conditions of the said order shall remain unchanged

No: Fin. / 2018-19/ 4311-19
Date: 12/09/2018

Abwoca
11/9/18
Assistant Registrar (B&F)

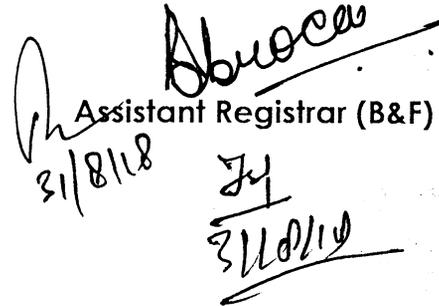
11/9 *Jy*
11/9/18

Copy to:

1. Spl. Secy. to the Vice-Chancellor.
2. P.S to Dean, Academic Affairs.
3. Sr. P.A. to Registrar.
4. Sr. P.A. to Controller of Examinations /Director, Colleges Dev. Council.
5. Sr. P.A. to Joint Registrar (Finance), (Examinations).
6. Content Manager, University Website **for uploading the same in the University Website under the link 'Finance Wing' for the information of all Heads of the Departments, Directors, Rectors, Co-ordinators etc.**
7. Assistant Registrar (Services).
8. Guard File.

UNIVERSITY OF JAMMU
ORDER

Based on the recommendations made by the Central Purchase Committee at its meeting held on 26-07-2018 vide Resolution No.9, the Vice-Chancellor is pleased to authorize the issuance of partial modification of this office order No. Fin./2017-18/10552-59 dated: 27-03-2018 followed by Resolution No. 3 of CPC held on 2, 3 & 4-05-2018 for continuation of rates for the year 2018-19, for the purchases and installations of CCTV's in University through **M/s K.S. Info Solution, Jammu, with the condition that the above cited vendor shall have to submit a back Guarantee @ 10% of the total value of the each purchase order which shall be ratified by the concerned Department / Branch of the University till the Warranty period of the contract (Five years) is completed.**


Assistant Registrar (B&F)
31/8/18
31/10/18

No:-Fin./2018-19/ 4100-08

Dated: 04/09/2018

Copy to:-

1. Spl. Secy. to the Vice-Chancellor.
2. P.S to Dean Academic Affairs.
3. Sr. P.A. to Registrar.
4. Sr. P.A. to Controller of Examinations / Director, Colleges Dev. Council.
5. Sr. P.A. to Joint Registrar (Finance).
6. Content Manager, University Website for uploading the same in the University Website under the link 'Finance Wing' for the information of all Heads of the Departments, Directors, Rectors, Co-ordinators etc.
7. Assistant Registrar (Services).
8. C. file.

| S.no. | Product Description | Make | | |
|-------|--|---|--|--|
| 1 | Indoor bullet Camera 2 MP or higher with 2.8mm or higher Lens with all accessories(Specification as per Annexure-A) | Hikvision Bullet Camera DS-2CD202PF-I | | |
| 2 | Indoor Dome Camera 2 MP or higher with 2.8mm or higher lens with all accessories (Specification as per Annexure-B) | Hikvision Dome Camera DS-2CD212 WF-I | | |
| 3 | True HD Outdoor Bullet Camera 2 MP or higher with 2.8mm or higher Lens with all accessories(Specification as per Annexure-C) | Hikvision Higher Bullet Cameras Outdoor: DS-2CD2T21G0-IS | | |
| 4 | True HD Outdoor Dome Camera 2MP or higher with 2.8 mm or higher Lens with all accessories (Specification as per Annexure-D) | Hikvision Higher Dome Cameras Outdoor: DS-2CD212 WF-I | | |
| 5 | Network Video recorder for 8 Channel with at least 1TB storage and compatible with any of the mentioned brands of cameras | | | |
| 6 | Network Video recorder for 4 Channel with at least 1 TB storage and compatible with any of the mentioned brands of cameras | | | |
| 7 | 10/100/1000 mbps 8 Port Switch with POE Make: (Dlink/DigisoL/Cisco) | | | |
| 8 | 10/100/1000 mbps 4 Port Switch with POE Make: (Dlink/DigisoL/Cisco) | | | |
| 9 | Armoured LAN Cable(per metre) Make:(Dlink/Molex/Schenieder) | | | |
| 10 | Cable: Cat 6 Cable (Per metre) Make:Molex/Dlink/Digisol | | | |
| 11 | Conduit pipe 1.5"(per metre) | | | |
| 12 | Cable laying charges if any | | | |
| 13 | HDPE PIPE(ISI Mark) with digging and laying(per metre) | | | |

Annexure -A

| Tender Specifications(2MP or higher Indoor Bullet cameras) | Complied | Remarks |
|--|----------|---------|
| Specifications | | |
| Physical Profile | | |
| Make/Model | | |
| The Camera should be IP based | | |
| The type of camera should be IR Bullet | | |
| The camera should be 2MP or higher | | |
| The camera should have fixed lens | | |
| The lens of camera should be 2.8mm or higher | | |
| The image sensor used in the camera should be 1/3" Progressive Scan CMOS | | |
| Housing of the Camera must be Vandal Proof. | | |
| The Angle of View of the camera should be 75 | | |
| The camera should have the property of IR cut filter with auto switch | | |
| The camera should provide DNR (Digital Noise Reduction) | | |
| Compression Standards | | |
| The video compression of the camera should be H.264/M-JPEG | | |
| The bit rate of the camera should be 500 Kbps ~ 12 Mbps | | |
| The camera should be capable of providing dual streams | | |
| Image | | |
| The Maximum Image Resolution of the Camera should be 1280x960 or higher | | |
| The camera should have configurable frame rate | | |
| The cameras should have image settings like Saturation, Brightness, Contrast, Sharpness , Exposure Settings Adjustable | | |
| The camera should have the property of BLC/WDR/HLC | | |
| Network | | |
| The camera should support TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, 802.1X, QoS, IPv6 network protocols | | |
| Interface | | |
| The communication interface of the camera should be 1 RJ45 10/100/1000Mbps Ethernet , build in micro sd | | |
| General | | |
| The distance covered by the camera should be 15-20m | | |
| The power source used in the camera should be DC12V (+/-10%) | | |
| The camera should have PoE support | | |
| The power consumed by the camera should be 5W | | |
| The operating temperature should be -10°C to 50°C, RH90% Max | | |
| Alerts | | |
| The camera should generate alarm trigger on Motion detection, Network disconnect, IP address conflict, Storage full , Storage error, Video Tamper, Trip wire, Zone intrusion, Theft detection alarm ,Camera tamper detection | | |

Note: if Complied, Please write YES in Complied Column, otherwise write No

Annexure -B

| Tender Specifications(2 MP or higher Indoor Dome cameras) | | Complied | Remarks |
|---|--|----------|---------|
| Specifications | | | |
| Physical Profile | | | |
| Make/Model | | | |
| The Camera should be IP based | | | |
| The type of camera should be IR Dome | | | |
| The camera should be 2MP or higher | | | |
| The camera should have fixed lens | | | |
| The lens of camera should be 2.8 mm or higher | | | |
| The image sensor used in the camera should be 1/3" Progressive Scan CMOS | | | |
| Housing of the Camera must be Vandal Proof. | | | |
| The Angle of View of the camera should be 75 | | | |
| The camera should have the property of IR cut filter with auto switch | | | |
| The camera should provide DNR (Digital Noise Reduction) | | | |
| Compression Standards | | | |
| The video compression of the camera should be H.264/M-JPEG | | | |
| The bit rate of the camera should be 500 Kbps ~ 12 Mbps | | | |
| The camera should be capable of providing dual streams | | | |
| Image | | | |
| The Maximum Image Resolution of the Camera should be 1280x960 or higher | | | |
| The camera should have configurable frame rate | | | |
| The cameras should have image settings like Saturation, Brightness, Contrast, Sharpness , Exposure Settings Adjustable | | | |
| The camera should have the property of BLC/WDR/HLC | | | |
| Network | | | |
| The camera should support TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, 802.1X, QoS, IPv6 network protocols | | | |
| Interface | | | |
| The communication interface of the camera should be 1 RJ45 10/100/1000Mbps Ethernet , build in micro sd | | | |
| General | | | |
| The distance covered by the camera should be 15-20m | | | |
| The power source used in the camera should be DC12V (+/- 10%) | | | |
| The camera should have PoE support | | | |
| The power consumed by the camera should be 5W | | | |
| The operating temperature should be -10°C to 50°C, RH90% Max | | | |
| Alerts | | | |

Commercials for CCTV 's and related Accessories

| CCTV Surveillance Cameras | | Make for Cameras : Matrix/DLINK/Hikvision/Sony/ Samsung/CP Plus/Secureye | | |
|---------------------------|--|--|----------------------|-------|
| S.no. | Product Description | Rate per Unit | % of GST (if any) | Total |
| 1 | Indoor bullet Camera 2 MP or higher with 2.8mm or higher Lens with all accessories(Specification as per Annexure-A) | | | |
| 2 | Indoor Dome Camera 2 MP or higher with 2.8mm or higher lens with all accessories (Specification as per Annexure-B) | | | |
| 3 | True HD Outdoor Bullet Camera 2 MP or higher with 2.8mm or higher Lens with all accessories(Specification as per Annexure-C) | | | |
| 4 | True HD Outdoor Dome Camera 2MP or higher with 2.8 mm or higher Lens with all accessories (Specification as per Annexure-D) | | | |
| 5 | Network Video recorder for 8 Channel with at least 1TB storage and compatible with any of the mentioned brands of cameras | | | |
| 6 | Network Video recorder for 4 Channel with at least 1 TB storage and compatible with any of the mentioned brands of cameras | | | |
| 7 | 10/100/1000 mbps 8 Port Switch with POE Make: (Dlink/DigisoL/Cisco) | | | |
| 8 | 10/100/1000 mbps 4 Port Switch with POE Make: (Dlink/DigisoL/Cisco) | | | |
| 9 | Armoured LAN Cable(per metre) Make:(Dlink/Molex/Schenieder) | | | |
| 10 | Cable: Cat 6 Cable (Per metre) Make:Molex/Dlink/Digisol | | | |
| 11 | Conduit pipe 1.5"(per metre) | | | |
| 12 | Cable laying charges if any | | | |
| 13 | HDPE PIPE(ISI Mark) with digging and laying(per metre) | | | |

Important Note:

- a). Please go through the terms & conditions carefully before quoting the rates.
- b). For the purpose of comparison "The total cost of all the above items(S.no1 to S.no13) shall be considered for selecting the Lowest Bidder".

Annexure-C

| Tender Specifications(2 MP or higher Bullet cameras Outdoor) | | |
|--|----------|---------|
| Specifications | Complied | Remarks |
| Physical Profile | | |
| Make/Model | | |
| The type of camera should be IR Bullet & Ip based | | |
| The camera should be of 2 MP or higher | | |
| Lens of the cameras should be 2.8 mm or higher | | |
| The image sensor used in the camera should be 1/3" Progressive Scan CMOS | | |
| The camera should have the property of IR cut filter with auto switch | | |
| The camera should have the property of Digital WDR (Wide Dynamic Range)/WDR | | |
| The camera should provide 3D DNR (Digital Noise Reduction) | | |
| Compression Standards | | |
| The video compression of the camera should be H.264/M-JPEG | | |
| The camera should be capable of providing Dual streams | | |
| The audio should be G.711/G.726 | | |
| Image | | |
| The Maximum Image Resolution of the Camera should be 1920 X 1080 | | |
| The camera should have configurable frame rate upto 25 frames | | |
| The cameras should have image settings like Saturation, Brightness, Contrast adjustable by client software or web browser | | |
| The Camera should have ROI support | | |
| The camera should have the property of BLC, Auto Switch for IR and Image appearance | | |
| Alerts | | |
| The camera should generate alarm trigger on Motion detection, Network disconnect, IP address conflict, Storage full , Storage error, Video Tamper, Trip wire, Zone intrusion, Theft detection alarm ,Camera tamper detection | | |
| The camera should be ONVIF compliant | | |
| Interface | | |
| The communication interface of the camera should be 1 RJ45 10/100Mbps Ethernet | | |
| General | | |
| The distance covered by the camera should be 30m | | |
| The power source used in the camera should be DC12V (+/-10%) | | |
| The camera should have PoE(| | |
| Maximum power consumption should be 10-12 W | | |
| The camera should have IP66, CE,FCC | | |
| The enclosure colour of the camera should be white | | |
| The camera should have a SD card slot | | |
| The camera should have TVS 4,000V Lightning Protection & weaheer proofing kit | | |

Note: if Complied Please write YES in Complied Column, otherwise write No

Annexure-D

| Tender Specifications(2 MP or higher dome cameras outdoor) | | | |
|--|----------|---------|--|
| Specifications | Complied | Remarks | |
| Make/Model | | | |
| The Camera should be IP based | | | |
| The type of camera should be IR Bullet | | | |
| The camera should be 2 MP or higher | | | |
| The camera should have fixed lens | | | |
| The lens of camera should be 2.8 mm OR Higher | | | |
| The image sensor used in the camera should be 1/3" Progressive Scan CMOS | | | |
| The Angle of View of the camera should be 69.4° or better | | | |
| The camera should have the property of IR cut filter | | | |
| The camera should have the property of Digital WDR (Wide Dynamic Range)/WDR | | | |
| The camera should provide DNR (Digital Noise Reduction) | | | |
| Compression Standards | | | |
| The video compression of the camera should be H.264/M-JPEG | | | |
| The bit rate of the camera should be 500kbps ~ 12 Mbps | | | |
| The camera should be capable of providing dual streams | | | |
| Image | | | |
| The Maximum Image Resolution of the Camera should be 1920x1080 | | | |
| The camera should have configurable frame rate | | | |
| The cameras should have image settings like Saturation, Brightness, Contrast, Sharpness , Exposure Settings Adjustable | | | |
| The camera should have the property of BLC /WDR/HLC | | | |
| Network | | | |
| The camera should generate alarm trigger on Motion detection, Network disconnect, IP address conflict, Storage full , Storage error, Video Tamper, Trip wire, Zone intrusion, Theft detection alarm ,Camera tamper detection | | | |
| The camera should be interoperable with ONVIF/CGI/PSIA | | | |
| The camera should support TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, 802.1X, QoS, IPv6 network protocols | | | |
| Interface | | | |
| The communication interface of the camera should be 1 RJ45 10/100Mbps Ethernet | | | |
| General | | | |
| The distance covered by the camera upto 50 m | | | |
| The power source used in the camera should be DC12V (+/-10%) | | | |
| The camera should have PoE support | | | |
| The operating temperature should be -10°C ~ 50°C, RH90% Max | | | |
| The camera should be equiped with enclosure protection. | | | |
| The camera should be IP66 proof | | | |

| | | |
|--|--|--|
| The camera should generate alarm trigger on Motion detection, Network disconnect, IP address conflict, Storage full , Storage error, Video Tamper, Trip wire, Zone intrusion, Theft detection alarm ,Camera tamper detection | | |
|--|--|--|

Note: If Complied , Please write YES in Complied Column, otherwise write No

Terms & Conditions:

1. Bidders must be either Original Equipment Manufacturer (OEM) or authorized dealer of the OEM. The bidder should have an experience of **at least 5 years of implementation and handling of CCTV Surveillance system** in similar institutions or reputed organizations. Bidder has to submit OEM Certificate addressed to tendering authority.
2. The bidder at any point of time shall not have been either under blacklisting by any government organization in the country or shall not be under the scrutiny of any criminal investigation agency in the country for malpractices in the field of IT. A self-undertaking to the effect should be submitted by the bidder.
3. The bidder shall have to give an undertaking for **providing onsite support & maintenance** and product warranty **for 5 years** (a certificate from the concerned OEM must be enclosed).
4. The damaged or unapproved goods shall not be accepted and the firm shall have to replace the same with new one and without any extra cost.

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- The bidder shall be responsible for the Supply, installation, operation, maintenance and warranty related support services for hardware and upgrade/update/enhancement for system software, as detailed out in technical specifications, including related software, firmware etc. for a period of 5 years.
6. Any software and firmware upgrade / enhancement / engineering changes applicable to the hardware and software supplied should be provided in the warranty period within a period of one month from the date of release.
7. System should be capable of viewing Any Camera from any point of the solution designed and specified at the time of installation/ implementation.
8. In case of down time provision of real time notifications for non-performing cameras must be included.
9. On completion of the works and before issue of certificate of completion, the bidder shall to provide inbuilt documents including manuals and operating instructions, software, software keys/passwords and training to University personnel in all aspects of system design, operation of equipment, functional details, trouble shooting and familiarization with systems as per scope of work etc.
10. The NVR shall make continuous recording of all cameras for **24 hrs x 7 days** with hardware should have adequate storage for a period of at least 30 days. System Integrator should provide the exact storage calculation. If necessary, additional storage in form of hard disk drive shall have to be provided by the Bidder.
11. The system should be provided with weather proof IP Camera for outdoor application wherever required.
12. Costs must include cost of delivery at designated locations, transit handling and insurance, custom duties etc. as may be applicable.
13. Taxes shall be shown separately as mentioned in financial bid and should include all applicable taxes as on date of bidding and shall be paid as per actual.
14. Taxes not quoted shall not be paid to the Bidder.
15. The Rates should be quoted for Main Campus University of Jammu and all its allied campuses.
16. The Firms shall have to deposit a CDR of Rs **20,000.00(Twenty Thousand Only)** pledged to Registrar, University of Jammu. No tenders shall be accepted/considered without CDR. The CDR of all the firms shall be returned after the finalization of the work contract.
17. The Lowest bidder selected after the finalization of the tender shall have to submit a bank Guarantee @10% of the total value of each purchase order which shall be retained till the warranty period of the contract
18. The tender received after the prescribed time and date will not be entertained.

19. In case if the tenderer fails to make the supply of the articles/items ordered for in accordance with the conditions or items supplied do not match with the approved specifications, the CDR submitted by the tenderer will be forfeited.
20. In order to determine the discount or any other taxes/rebate shall be clearly mentioned separately.
21. Please note that the purchase shall be made purely on merit and specification basis as per manuals/ samples supplied subject to the verification by a constituted committee of the University.
22. The University of Jammu is not bound to accept the Lowest tender and may reject any tender or any part of the tender without assigning any reason thereof.
23. Any other information if required can be had from the office of the Assistant Registrar(Services) during all the working days or from University website or contact on 0191-2431627.

NO : SS/2017/1222.

dt : 7-11-2017