



Engineering College, Ajmer,
N.H.8 , BARLIYA CIRCLE, NEAR NARELI TEMPLE, AJMER

PURCHASE ORDER

ECA/TEQIP-III/2019/178

Package Code: TEQIP-III/2019/RJ/geca/93

Current Date: 17-Dec-2019

Package Name: GECA/TEQIP-III/2019-20/INST-CCTV

Method: Shopping Goods

Surveillance System

PO Reference No : TEQIP-III/2019/RJ/geca/93

Date of Issue: 17-Dec-2019

Subject : GECA/TEQIP-III/2019-20/INST-CCTV Surveillance System

Purchaser : Engineering College, Ajmer, N.H.8 , BARLIYA CIRCLE, NEAR NARELI TEMPLE, AJMER

Supplier Name: M/s Tech SIS Limited,
Plot No. 11, 2nd Floor, DDA Community Center Industrial Area,
Okhla Phase I, New Delhi-110020

With reference to our correspondence, Engineering College, Ajmer, N.H.8 , BARLIYA CIRCLE, NEAR NARELI TEMPLE, AJMER, is pleased to award this detailed Purchase Order to for supply of items as per the details given below at a total cost (Contract Value) of **Rs. 1644476.14 (In Words: Sixteen Lakhs Forty Four Thousands Four Hundred Seventy Six And Paise Ten Four Only)**

Sr. No	Item Name	Quantity	Place of Delivery	Installation Requirement (if any)
1	CCTV Surveillance System	1	Principal, Engineering College, Ajmer, N.H.8 , Barliya Circle, Near Nareli Temple, Ajmer.	Onsite installation and testing & commissioning required.

Total price (without taxes) : Rs. 1393623.85

Total applicable taxes : Rs. 250852.29

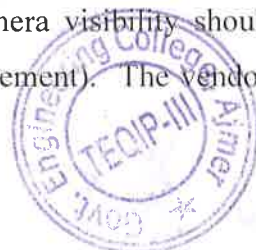
Total price (with taxes) : Rs. 1644476.14

Total Octroi & Other Charges : Rs. 0

Delivery : Engineering College, Ajmer,
N.H.8 , Barliya Circle, Near Nareli Temple, Ajmer

Testing/Installation Clause: Onsite installation and testing & commissioning required. (Camera visibility should be as per location and site requirement). The vendor should visit the site

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to understand the installation requirement.

Training Clause (if any) : Onsite full training required.

Technical Specifications : As per Annexure – 1

Delivery Period : 45 days or as early possible

Warranty (In Months): 36.Months

Liquidated Damages Per Day
Min % Liquidated Damages will be charged at the rate of 0.01
% per day on pre tax billing amount if delivery period
exceeds 45 days. Purchase Order shall be understood
cancelled automatically without any prior notification if
delivery period exceeds 60 days.


Performance Security : Performance security amount Rs 69681.19 at the rate of
(5 %) of the Total contract value to be submitted in
form of Bank guarantee of any Nationalized. Bank only
within 21 day from the date of issue of PO.

Payment Terms : Below are the payment terms-

**Satisfactory Delivery & Installation - 90% of total
cost**

Satisfactory Acceptance - 10% of total cost

Note **Camera visibility should be as per location and site
requirement.**


17/12/19
Dr. U. S. Modani
Principal
Govt. Engineering College,
AJMER



Accepted by Signature:

Date:

Address:


17/12/19


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Annexure-1

Specifications of IP Based CCTV Surveillance System		
S.No.	Items	Qty.
1	32 Ch 4K NVR with 2 SATA Ports incl Installation	4
2	IP Dome Camera 3.MP (3.6mm) with WDR Incl installation and lense capacity according to location	125
3	16 Port Giga PoE Switch incl installation	12
4	4 TB HDD WD/ Seagate incl installation	4
5	4U Rack With Ass. incl installation	12
6	1 Mtr Patch Cord+Keystone+Pvc Box incl installation	125
7	CAT6 incl installation	150
8	Patch Cord CAT6 1m incl installation	150
9	Patch Cord CAT6 5m incl installation	5
10	CAT6 Cable 305 Mtr. Box With laying in conduit	25
11	I/O Set incl installation	4
12	32" LED TV with 2 HDMI Inputs incl installation	4
13	HDMI Cable 15 Mtr. incl installation	4
14	Logitech Wireless Mouse incl installation	4
15	Conduit Pipe / Casing with Ass. Per Mtr. AKG /Polycab/ Legrand	3500
16	Fiber 6 Core Multimode Armoured Cable with laying in 32 mm HDPE pipe and all required accessories	800
17	12 Port LIU Rack Mount Fully Loaded with Adapters, Couplers and Pigtails, installation and splicing as required	3
18	Fiber Duplex Patch Core LC SC 1 mtr incl installation.	10
19	Fiber Duplex Patch Core SC SC 3 mtr. incl installation	4
20	SFP Module Gigabit of same make as existing Switches Cisco and Dlink incl installation	4


Please Note :

Camera visibility should be as per location and site requirement.

Video Format Platform ONVIF compliant or equivalent (H.264 Compression)

Software for viewing, recording and all operations regarding surveillance monitoring should be web based and compatible to any top browsers mostly used.

Storage Capacity of NVR : Minimum 30 days.


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Detailed Specification of IP bases cameras		
FEATURES	BULLET	DOME
Operational		
Video Standard	NTSC/PAL	NTSC/PAL
Scanning System	Progressive scan	Progressive scan
Image Sensor	1/3" 3.0MP	1/3" 3.0MP
Number Of Pixels (H × V)	2304 × 1296	2304 × 1296
Minimum Illumination	0.03 lux color @ F1.4(Color, 1/3s, 30 IRE) 0 lux B/W with IR LEDs on @ F1.4	0.08 lux color @ F2.0 (Color, 1/3s, 30 IRE), 0 lux B/W with IR LEDs on @ F2.0
S/N Ratio	> 45 dB	> 45 dB
Electronic Shutter Speed	1/3(4) – 1/100,000 s	1/3(4) – 1/100,000 s
Ir Distance	Up to 50 m	Up to 30 m
Smart Ir	Auto/Manual	Auto/Manual
Day/Night	Auto (ICR)/Color/BW	Auto (ICR)/Color/BW
Backlight Compensation	BLC/HLC/WDR (120 dB)	BLC/HLC/DWDR
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual	Auto/Natural/Street Lamp/Outdoor/Manual
Gain Control	Auto/Manual	Auto/Manual
Wide Dynamic Range	True WDR (120 dB)	
Noise Reduction	3D DNR	3D DNR
Privacy Masking	Up to 4 configurable zones	Up to 4 configurable zones
Motion Detection	Up to 4 configurable zones	Up to 4 configurable zones
Digital Zoom	1x	1x
Lens	3.6mm - 13.5 mm (as per site requirement)	2.8mm -11mm, fixed, F2.0 (as per site requirement)
Angle Of View	104° — 28° (H), 55° — 16° (V)	110°/83° (H), 56°/44° (V)
VIDEO		
VIDEO COMPRESSION	H.265+/H.265/H.264+/H.264	H.265
Resolution	3 MP (2304×1296)	3MP(2304×1296),
Frame Rate	1 – 20fps,	1 – 20fps
Bit Rate Control	CBR/VBR	CBR/VBR
Bit Rate	H.265: 12K – 8448 Kbps H.264: 32K – 10240 Kbps	H.265: 12K – 6400 Kbps
NETWORK		
Ethernet	RJ-45 (10/100BASE-T)	RJ-45 (10/100BASE-T)
Supported Web Browsers	Internet Explorer (11.0+) , Firefox, Chrome or mostly used	Internet Explorer (11.0+) , Firefox, Chrome or mostly used
SUPPORTED OS	Windows 7 higher and Ubuntu(32 bit and 64 bit)	Windows 7 or higher and Ubuntu(32 bit and 64 bit)

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Annexure 2 (Purchase Order)

PERFORMANCE SECURITY FORM

To: _____ (Name of Purchaser)

WHEREAS (Name of Supplier)
hereinafter called "the Supplier" has undertaken , in pursuance of Contract (Notification of Award) No..... dated,..... 2019 to supply.....
.....(Description of Goods and Services) hereinafter called "the Contract".

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Bank Guarantee by a Nationalized bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier a Guarantee:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of (Amount of the Guarantee in Words and Figures) and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limit of (Amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until theday of.....2019.

Signature and Seal of Guarantors



Date.....2019.

Address:.....
.....
.....

Note: The Bank Guarantee to be issued by nationalized bank only and is to be submitted on a non-judicial stamp paper of Rs. 100/- (One Hundred only). The non-judicial stamp paper should be purchased in the name of issuing bankers. The Issuing bank must provide its Head Office/Regional office addresses of communication

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