



Kerala Tourism Development Corporation Limited

(A Government of Kerala Undertaking)
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KTDC/HO/ITD/CCTV/Various units/02-23

5-6-2023

QUOTATION NOTICE

Sub: - Supply and Installation of CCTV Surveillance System at KTDC Motel Aaraam Kottarakkara, TRC Kochi, Aahaar Restaurant Mannarkkadu - reg.

Competitive quotations are invited from reputed firms for the Supply and Installation of CCTV Surveillance System at KTDC Motel Aaraam Kottarakkara (Kollam), TRC Kochi, Aahaar Restaurant Mannarkkadu (Palakkadu) as per the attached schedule and following terms & conditions.

Terms & Conditions

1. The rate shall be inclusive of all taxes, duties, loading and unloading charges, transportation, other incidental expenses and net for the work at above sites.
2. The payment will be as per the actual measurement of quantities deployed at site.
3. Payment will be released after the satisfactory supply, installation, testing and commissioning of CCTV/ Surveillance System keeping 5% as retention for the defect liability/warranty period.
4. The items supplied should have a warranty for a minimum period of 2 years and any service requirement needed within the warranty period has to be attended at the site.
5. The firm shall have GST registration for work contract and proof of same shall be provided along with the offer.
6. The work shall be carried out in consultation with the Unit Manager without affecting the routine operation of the unit.
7. The materials used for the work should be from the attached approved list of make of materials.
8. A technical discussion meeting shall be held with the lowest rate quoted firm before placing work order
9. An agreement shall be executed with security deposit (5% of the contract amount) agreeing to the conditions of contract.

The offer shall reach the office of the System Analyst, KTDC Ltd., Mascot Square, Trivandrum - 695 033 on or before 15-6-2023, 2 P.M. and will be opened on 16-6-2023, 11 AM.

If the last date mentioned falls as a holiday or hartal, the very next working day will be treated as the last date.


SYSTEM ANALYST.

LIST OF APPROVED MAKES OF MATERIALS		
Sl No.	Material	Makes
1	NVR.	Hikvision, Sony, Samsung, Honeywell.
2	Camera.	Hikvision, Sony, Samsung, Honeywell.
3	POE Network switch	Hikvision, D Link
4	Surveillance Hard Disk.	Seagate, W.D.
5	Cat6 Cable	D Link, Finolex
6	IO Box, connectors	DLink
7	UPS	APC, Numeric, Hykon
8	Monitor	LG, Samsung, Dell, AOC.
9	RJ 45 connectors	D Link

Address

1. KTDC Motel Aaraam,
Sadanandapuram,
Kottarakkara
Kollam.

2. KTDC Aahaar Restaurant
Mannarkkad
Mannarkkad Rural Service Co-Operative Bank Building,
6/171-1
Mannarkkad P.O
Palakkad

3. KTDC TRC
Shanmugham Road,
Ernakulam,
Cochin 31.
Ph. 914842353234

SCHEDULE FOR CCTV SURVEILLANCE SYSTEM INSTALLATION WORKS AT KTDC,**KOTTARAKKARA.****Part-A**

Sl No	Description	Qty	Unit	Unit Rate	Sub total	Tax %	Tax Amt	Grand Total
1	Supply of Outdoor 4 Megapixel High Definition IP Bullet Camera of good quality & approved make with 2560 × 1440@30fps resolution,4 mm lens, minimum 30 m IR range, H.264 Compression, Video bit rate 32 Kbps~16Mbps, 2.54cm progressive scan CMOS,PoE (Power over Ethernet), 120db Wide Dynamic range, 3D Digital Noise Reduction,Dual stream, DC12V & PoE (802.3af), IP67 Weather Proof, day/night vision,Auto, scheduled Day/Night Switch,RoHS Compliance etc.	4	Nos.					
2	Supply of Indoor 4 Megapixel High Definition IP Dome Camera of good quality & approved make with 2560 × 1440@30fps resolution,4 mm lens, minimum 30 m IR range, H.264 Compression, Video bit rate 32 Kbps~16Mbps, 2.54cm progressive scan CMOS,PoE (Power over Ethernet), 120db Wide Dynamic range, 3D Digital Noise Reduction,Dual stream, DC12V & PoE (802.3af), IP67 Weather Proof, day/night vision,Auto, scheduled Day/Night Switch,RoHS Compliance etc.	2	Nos.					
3	Supply of Outdoor 2 Megapixel High Definition Color VU Bullet Camera of good quality & approved make with 1080P resolution, 6 mm lens,minimum 30 meters IR range ,day/night vision, Weather Resistant IP 66 housing, RoHS Compliance etc complete.	1	Nos.					

4	Supply of High Definition 5 Megapixels (upto 8 mp) 16 channel NVR, HDMI and VGA output at up to 1920 x 1080 resolution, Network cameras can be connected with 80M/160M incoming and Outgoing bandwidth, Upto 2 SATA interfaces, Capacity up to 6 TB for each HDD, support network detection, including network delay, packet loss etc. optical mouse, IR Remote etc. Provision for easy backup to USB, built-in reporting of various alarms including hard disc errors, unauthorized logins, network conflicts etc, full feature remote access through IE Browser and with Client Software.(Black Metal Body)	1	No.							
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5	8 port Poe Network Switch. (2 port normal uplink.)	1	No.					
6	4 TB SATA Hard Disc.	1	No.					
7	1 KVA Offline UPS (12V) with 2 Nos. of 12V, 42 AH SMF Batteries for 1 hour backup.	1	No.					
8	Supply and Installation RJ 45 Connectors.	20	Nos.					
9	Supply of CAT 6 Network cable.	500	m.					
10	Supply of 25mm PVC conduits/casing capping, 7 no 4x4 pvc Box (Standard ISI medium) with all accessories such as saddles etc and complete.	300	m.					
Total A								
Part-B								
Installation charges for above location (Labour Charges)								
2.1	Laying Charges for Cat-6 Network Cable through conduit including of wall if necessary etc and complete.	500	m.					
2.2	Laying Charges for 25mm PVC conduits/casing capping, 7 no 4x4 pvc Box (Standard ISI medium) with all accessories such as saddles etc and complete.	300	m.					
2.3	Charges for Installation, testing and commissioning the entire CCTV Surveillance System.	1	Ls.					
Total B								
Grand Total (Part-A+B)								

SCHEDULE FOR CCTV SURVEILLANCE SYSTEM INSTALLATION WORKS AT KTDC**TRC,KOCHI.****Part-A**

Sl No	Description	Qty	Unit	Unit Rate	Sub total	Tax %	Tax Amt	Grand Total
1	Supply of Outdoor 4 Megapixel High Definition IP Bullet Camera of good quality & approved make with 2560 × 1440@30fps resolution,4 mm lens, minimum 30 m IR range, H.264 Compression, Video bit rate 32 Kbps~16Mbps, 2.54cm progressive scan CMOS,PoE (Power over Ethernet), 120db Wide Dynamic range, 3D Digital Noise Reduction,Dual stream, DC12V & PoE (802.3af), IP67 Weather Proof, day/night vision,Auto, scheduled Day/Night Switch,RoHS Compliance etc.	13	Nos.					
2	Supply of Indoor 4 Megapixel High Definition IP Dome Camera of good quality & approved make with 2560 × 1440@30fps resolution,4 mm lens, minimum 30 m IR range, H.264 Compression, Video bit rate 32 Kbps~16Mbps, 2.54cm progressive scan CMOS,PoE (Power over Ethernet), 120db Wide Dynamic range, 3D Digital Noise Reduction,Dual stream, DC12V & PoE (802.3af), IP67 Weather Proof, day/night vision,Auto, scheduled Day/Night Switch,RoHS Compliance etc.	3	Nos.					

3	Supply of High Definition 5 Megapixels (upto 8 mp) 16 channel NVR, HDMI and VGA output at up to 1920 x 1080 resolution, Network cameras can be connected with 80M/160M incoming and Outgoing bandwidth, Upto 2 SATA interfaces capacity up to 6 TB for each HDD, support network detection, including network delay, packet loss etc. optical mouse, IR Remote etc. Provision for easy backup to USB, built-in reporting of various alarms including hard disc errors, unauthorized logins, network conflicts etc, full feature remote access through IE Browser and with Client Software. (Black Metal Body)	1	No.						
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4	8 port Poe Network Switch. (2 port normal uplink.)	2	Nos.					
5	1 KVA Offline UPS (12V) with 2 Nos. of 12V, 42 AH SMF Batteries for 1 hour backup.	1	No.					
6	600 VA UPS	1	No.					
7	4 TB SATA Hard Disc.	1	No.					
8	Supply of Camera Housing With Stand.	10	Nos.					
9	Supply and Installation of 4U Rack.	2	No.					
10	Supply of Tray for Rack.	2	No.					
11	Supply of Surge Protector.	2	No.					
12	Supply and Installation RJ 45 Connectors.	40	Nos.					
13	Supply of CAT 6 Network cable.	600	m.					
14	Supply of 25mm PVC conduits/casing capping, 16 no 4x4 pvc Box (Standard ISI medium) with all accessories such as saddles etc and complete	350	m.					
15	Supply of 25mm PVC Water pipe with necessary Digging, fittings & accessories.	50	m.					
16	Supply and Installation for 1 1/2" GI Pole - 3Mtr.	2	Nos.					
Total A								
Part-B								
Installation charges for above location (Labour Charges)								
2.1	Laying Charges for Cat-6 Network Cable through conduit including of wall if necessary etc and complete.	600	m.					
2.2	Laying Charges for 25mm PVC conduits/casing capping, 8 no 4x4 pvc Box (Standard ISI medium) with all accessories such as saddles etc and complete.	350	m.					
2.3	Laying Charges for 25mm pvc Water pipe with necessary Digging, fittings & accessories.	50	m.					
2.4	Charges for Installation, testing and commissioning the entire CCTV Surveillance System.	1	Ls.					
Total B								
Grand Total (Part-A+B)								

**SCHEDULE FOR CCTV SURVEILLANCE SYSTEM INSTALLATION WORKS AT KTDC
AAHAAR RESTAURANT,MANNARKKAD,PALAKKAD.**

Part-A

Sl No	Description	Qty	Unit	Unit Rate	Sub total	Tax %	Tax Amt	Grand Total
1	Supply of Outdoor 4 Megapixel High Definition IP Bullet Camera of good quality & approved make with 2560 × 1440@30fps resolution,4 mm lens, minimum 30 m IR range, H.264 Compression, Video bit rate 32 Kbps~16Mbps, 2.54cm progressive scan CMOS,PoE (Power over Ethernet), 120db Wide Dynamic range, 3D Digital Noise Reduction,Dual stream, DC12V & PoE (802.3af), IP67 Weather Proof, day/night vision,Auto, scheduled Day/Night Switch,RoHS Compliance etc.	4	Nos.					
2	Supply of Indoor 4 Megapixel High Definition IP Dome Camera of good quality & approved make with 2560 × 1440@30fps resolution,4 mm lens, minimum 30 m IR range, H.264 Compression, Video bit rate 32 Kbps~16Mbps, 2.54cm progressive scan CMOS,PoE (Power over Ethernet), 120db Wide Dynamic range, 3D Digital Noise Reduction,Dual stream, DC12V & PoE (802.3af), IP67 Weather Proof, day/night vision,Auto, scheduled Day/Night Switch,RoHS Compliance etc.	8	Nos.					

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4	16 port Poe Network Switch. (2 port normal uplink.)	1	Nos.					
5	Supply of 20" LED Monitor of reputed brand with HDMI Port.	1	No.					
6	4 TB SATA Hard Disc.	1	No.					
7	Supply and Installation RJ 45 Connectors.	30	Nos.					
8	Supply of 1 KVA Offline UPS (12V) of 1 hour backup.	1	No.					
9	Supply of 12V, 42 AH SMF Batteries	2	Nos.					
10	Supply of Network I/O Box with all accessories.	3	Nos.					
11	Supply of CAT 6 Network cable.	700	m.					
12	Supply of 25mm PVC conduits/casing capping, 12 no 4x4 pvc Box (Standard ISI medium) with all accessories such as saddles etc and complete.	350	m.					
Total A								
Part-B								
Installation charges for above location (Labour Charges)								
2.1	Laying Charges for Cat-6 Network Cable through conduit including of wall if necessary etc and complete.	700	m.					
2.2	Laying Charges for 25mm PVC conduits/casing capping, 12 no 4x4 pvc Box (Standard ISI medium) with all accessories such as saddles etc and complete.	350	m.					
2.3	Installation off Network I/O Box with all accessories.	2	Nos.					
2.4	Charges for Installation, testing and commissioning the entire CCTV Surveillance System.	1	Ls.					
Total B								
Grand Total (Part-A+B)								