Kerala Tourism Development Corporation Limited



(A Government of Kerala Undertaking)
P.B No.5424, Mascot Square, Vikas Bhavan P.O,
Thiruvananthapuram –695 033, Kerala, India
Phone:++91-471-2721243/45/48, Fax: 2721249

E-mail: systemanalyst@ktdc.com website: www.ktdc.com

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 MATE	RIALS
SI No.	Material	Makes
1	NVR. IoM OCITY is an increasing an ICTOC Mol. NVN	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.
- 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		a da se and	THE PARTY		
SI 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.		mingout be a section of the state of the sta	To the later of th	doh, sheet in the second of th	
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	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.					

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)	141	Supply of High Definition 5	M INS	YSTE	S HOW	LATEVAU	YD	HOLE	LIA LIZE
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		Megapixels (upto 8 mp) 16 channel		RAK	KULL	1			
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		NVR, HDMI and VGA output at up to		A-J18	q				
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		1920 x 1080 resolution,Network							
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		cameras can be connected with		Hau	4375				
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		80M/160M incoming and Outgoing				spixel High	alii R yi	the second of	ridding
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		bandwidth, Upto 2 SATA interfaces,				locg to stu	DO TO	te6'41 noi	milou
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		Capacity up to 6 TB for each HDD,				Mich 2560	not us	imags &	Parent
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	1.	support network detection,	1	Na	,	1	n Galles	11 2010E W	Darl K
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	r	including network delay, packet loss	1	NO.		AZ.H "aga	T HI	n ea ma	E-HIVE IN
built-in reporting of various alarms including hard disc errors, unauthorized logins, network conflicts etc, full feature remote access through IE Browser and with		etc. optical mouse, IR Remote etc.				E 9301 J	0.7 000	V noures	namo, i
including hard disc errors, unauthorized logins, network conflicts etc, full feature remote access through IE Browser and with		Provision for easy backup to USB,				Aissaideacid			
including hard disc errors, unauthorized logins, network conflicts etc, full feature remote access through IE Browser and with		built-in reporting of various alarms		.80k					
unauthorized logins, network conflicts etc, full feature remote access through IE Browser and with		including hard disc errors,				1			
conflicts etc, full feature remote access through IE Browser and with		unauthorized logins, network							
access through IE Browser and with		conflicts etc, full feature remote						Of the East	10.101
Client Software.(Black Metal Body)		access through IE Browser and with						mishe while	Intend
		Client Software.(Black Metal Body)					Hari	and the	DaviA
								ear sqiffe i ea	
Osfinition (P. Dome Carosia of gond) quality & approved mate with 25cm × 14-10x300ps resolution.4 min lens orlingment 30 to 38 range 14.264									

5	8 port Poe Network Switch. (2 port	1	No.	ANCE	SURVEIL	VTO	HOS ST	SCHEDU
-	normal uplink.)		110.	TRU				
6	The billing of Disc.	1	No.					
7	1 KVA Offline UPS (12V) with 2 Nos. of 12V, 42 AH SMF Batteries for 1 hour backup.	ninti giln	No.	qp		poligh	250	No
8	Supply and Installation RJ 45 Connectors.	20	Nos.		boog to and	10 50	is at not	I mined
9	Supply of CAT 6 Network cable.	500	m.		1 with 2560	lem lie	mags &	Dieup
10	Supply of 25mm PVC conduits/casing capping, 7 no 4×4 pvc Box (Standard ISI medium) with all accessories such as saddles etc and complete.	300	m.		er min len nge, 14,20 e rain 3 progressio	n Al a	pm 30 i pm 30 i reston, 1 1600ps,	minten mi
	Total A		NOS.		1774	97	1,3014	-
		- Committee of the Comm	Part	-B	emenyd s	OLAN CIT	NEED, LEED	
	Installation charg	es fo			ion (Laho	ur Ch:	argoe)	PRONC
2.1	Laying Charges for Cat-6 Network Cable through conduit including of wall if necessary etc and complete.	500	m.	- Total	VI 1301 Daril mon	mesus W Ves	arges j	Reduc Poli () Jay/n
2.2	Laying Charges for 25mm PVC conduits/casing capping, 7 no 4×4	300	m.		gill formes was to an	old by	of Indo	cate Depole Ordini
2.3	Charges for Installation, testing and commissioning the entire CCTV Surveillance System.	1	Ls.		ngu, H.26- ngu, H.26- t, mte 31	n El n	n 05 mu	minim —
	Total B				Misser 19030	WORK !	1,8401467	×20031
	Grand Total (I	art-	A+B)	E	9VU - 1944		ALC: NO.	fills at 1

SCHEDULE FOR CCTV SURVEILLANCE SYSTEM INSTALLATION WORKS AT KTDC TRC,KOCHI.

		I	Part-A			100		
Sl No	Description	Qty	Unit	Unit Rate	Sub total	Tax %	Tax Amt	Grand Total
	Supply of Outdoor 4 Megapixel High Definition IP Bullet Camera of good		Jan V	05	a Di n	cellar	I Los	one2
	quality & approved make with 2560		1,00		cable.	cjaretoli (dans)	1 a TAD in	
	× 1440@30fps resolution,4 mm lens, minimum 30 m IR range, H.264				T no 4x	n2 S udrigas	gmass\z	
	Compression, Video bit rate 32		m		mulbert l	el Inek	note) e	
	Kbps~16Mbps, 2.54cm progressive				selbbuz sa	table Said	mezano I	
1	scan CMOS,PoE (Power over	13	Nos.		1 A 10	101	EN EN INTERNAL	
	Ethernet), 120db Wide Dynamic		Parti					
	range, 3D Digital Noise		yodr		sdo nod	slister	1	
	Reduction, Dual stream, DC12V &				- Anounte M	0.707	Charguet	
	PoE (802.3af), IP67 Weather Proof,		•101		logabat	nd Hubi	noo depirito	
	day/night vision,Auto, scheduled				and please.	day of	ÉBISS OOM	
	Day/Night Switch,RoHS Compliance etc.				5mm PVC	701	202100	
	Supply of Indoor 4 Megapixel High			300	estacilmanu.	Daniel C	- 21 S	d see
	Definition IP Dome Camera of good quality & approved make with 2560				olppus se	es suci	nukanan arajgana	
	× 1440@30fps resolution,4 mm lens, minimum 30 m IR range, H.264 Compression, Video bit rate 32		.8.1		besting and free CCTV	ission, no en	for Insta Sening Sent	
	Kbps~16Mbps, 2.54cm progressive				11 1	aloT_		
2	scan CMOS,PoE (Power over	3	Nos.		LetoT be	mD_		
	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.							

	Supply of High Definition 5		Brid		policy in mon
	Megapixels (upto 8 mp) 16 channel				LKV Commettee (12) Panistee St.
	NVR, HDMI and VGA output at up to		Elon		of 121, 42 AMS of Barries for)
	1920 x 1080 resolution,Network				goden mont
	cameras can be connected with		No.		5431 V V (FB)
	80M/160M incoming and Outgoing				ATRIANTA HOTE DISC
	bandwidth, Upto 2 SATA interfaces		.eM		Supple of Comers Houseles With
	capacity up to 6 TB for each HDD,		Nos		Stand
3	support network detection, including network delay, packet loss	1	No.	be_	The Carponical Confidence of the Carponical C
	etc. optical mouse, IR Remote etc.		No.		Supply at Tray or Rock.
	Provision for easy backup to USB,				Supply of Surga Protector.
	built-in reporting of various alarms		No.		Supply and Installation RI of
	including hard disc errors,		207		Connections
	unauthorized logins, network		l in		Supply of CAT 6 stword cable.
	conflicts etc, full feature remote				Supply of Samuel Pur
	access through IE Browser and with				country/casing language 16 no de
	Client Software.(Black Metal Body)		m	356	mulaen 14 km luster 2 d ave
					Supply and Installation for 1 1/2" Gl

	Grand Total (Part-	A+B)					
	Total B							
	Surveillance System.							
2.4	Charges for Installation, testing and commissioning the entire CCTV	1	Ls.					
2.3	Laying Charges for 25mm pvc Water pipe with necessary Digging, fittings & accessories.	50	m.					
2.2	Laying Charges for 25mm PVC conduits/casing capping, 8 no 4×4 pvc Box (Standard ISI medium) with all accessories such as saddles etc and complete.	350	m.					
2.1	Laying Charges for Cat-6 Network Cable through conduit including of wall if necessary etc and complete.	600	' m.					
	Installation charg	es fo			on (Lab	our Cha	rges)	
	Total A		Part-I	3				
16	Supply and Installation for 1 1/2" GI Pole - 3Mtr. Total A	2	Nos.					
15	Supply of 25mm PVC Water pipe with necessary Digging, fittings & accessories.	50	m.					
14	Supply of 25mm PVC conduits/casing capping, 16 no 4×4 pvc Box (Standard ISI medium) with all accessories such as saddles etc and complete	350	m.		r and wit (a) Body)		I rigue all	access Chents
13	Supply of CAT 6 Network cable.	600	m.		li l	1-11-11-11		allfanal
12	Supply and Installation RJ 45 Connectors.	40	Nos.		тотто	obbt	had - yo	bulant
11	Supply of Surge Protector.	2	No.		munk and	ducy lo s	nemogram	4-tiud-
10	Supply of Tray for Rack.	2	No.		UB 200113			Peranela
9	Supply and Installation of 4U Rack.	2	No.	1	packet lose	kilelay	ng neiswo	bulsati
8	Supply of Camera Housing With Stand.	10	Nos.		each HB	of HT	y up to a	сараст
7	4 TB SATA Hard Disc.	1	No.		mourface	A FAZ S	dgU' dal	bands
6	600 VA UPS	1	No.		lion 10		60th Inco	ROM/
5	1 KVA Offline UPS (12V) with 2 Nos. of 12V, 42 AH SMF Batteries for 1 hour backup.	1	No.		et at up a	per Alla Nulliser	oant x	1920 1920
4	8 port Poe Network Switch. (2 port normal uplink.)	2	Nos.		mouinill 1 e channe	lan U	igu) e di	Mega

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

	The state of the s	J	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	4	Nos.				•	
2	etc. 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	8	Nos.					

	Supply of High Definition 5		2017		uch. (2 per	VZ 11:01	devi-series	A LOCK
	Megapixels (upto 8 mp) 16 channel					12	1 10 10	
	NVR, HDMI and VGA output at up to		l ioi/		ander in a	The state of the s	DATE HIS	
	1920 x 1080 resolution,Network					0.510		
	cameras can be connected with		1		K 19 10	ne lete	I Inc	hames e
	80M/160M incoming and Outgoing		200					arrus.
-	bandwidth, Upto 2 SATA interfaces				(VC1) 29	ond mo	AVATION	legue
	capacity up to 6 TB for each HDD,		No.				quiland we	ed l'Itol
3	support network detection, including network delay, packet loss	1	No.	-8-	2 delicanes	12 HA	LE TELLIO	daged p
	etc. optical mouse, IR Remote etc.				lls rhows	BE OIL	10	danne d
	Provision for easy backup to USB,						2.71.53	dani D
	built-in reporting of various alarms		- 10		,00000	210405	0 0 12-10	Defering 1
	including hard disc errors,				PVS			Udday
	unauthorized logins, network				ord an al	anujq	2011112112	
	conflicts etc, full feature remote		- 0		WINDSHE I	die arti	Lus Ci - I	
	access through IE Browser and with				10 S 9 9 9 9 10 1	700	an alorgical	81.579
						sin'T	The little of th	
	Client Software.(Black Metal Body)							

Installation charges for above location (Labour Charges)

Laying Chalge in a second conquests

Laying Charges for Sam PVC

Laying Charges for Sam SVC

Laying Charges for

4	16 port Poe Network Switch. (2 port	1	Nos.		Instion 5	HI Hg	R to	aque
5	normal uplink.) Supply of 20" LED Monitor of reputed brand with HDMI Port.	1	No.		d quite m	gm B o	iqu) slad brie IMGI	M V M
6	4 TB SATA Hard Disc.	1	No.		+	-	OBOT 8	0001
7	Supply and Installation RJ 45 Connectors.	30	Nos.		saiogmiO 1	nto your	osal Mită	r\M08
8	Supply of 1 KVA Offline UPS (12V) of 1 hour backup.	1	No.		interface each HDD.	ATAE S.	egui mai Papu u	PEGES :
9	Supply of 12V, 42 AH SMF Batteries	2	Nos.	i	rempassor	undaly s	anurtan an	ibuloni
10	Supply of Network I/O Boxwith all accessories.	3	Nos.		emote etc	21 ,00	Dem land	ecc. op
11	Supply of CAT 6 Network cable.	700	m.					E BUILDING
12	Supply of 25mm PVC conduits/casing capping, 12 no 4×4 pvc Box (Standard ISI medium) with all accessories such as saddles etc and complete.	350	m.		etoria Irowena Isomen er Iste barr	dis logge s. L lewts Browns	rk han orsed s etc. ju	lautani duona milinoo 225016
	Total A				rebod late	Macle M	11 ortwile	Ineil2
			Par					
	Installation charg	es fo	r abo	ve locati	on (Labo	our Cha	rges)	
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 4×4 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)					