#### **Kerala Tourism Development Corporation Limited**



(A Government of Kerala Undertaking)
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KTDC/HO/ITD/CCTV/Varous units/11-22

21-12-2022

#### **QUOTATION NOTICE**

Sub: - Supply and Installation of CCTV Surveillance System at KTDC Restaurant and Beer Parlour located at -Kareelakulangara, Bolgatty Palace Kochi, Aahaar Restaurant Guruvayur and Tamarind Easy Hotel Kondotty - reg.

Competitive quotations are invited from reputed firms for the Supply and Installation of CCTV Surveillance System at KTDC Restaurant and Beer Parlour located at – Kareelakulangara (Alappuzha), Bolgatty Palace (Kochi), Aahaar Restaurant Guruvayur and Tamarind Easy Hotel Kondotty (Kozhikkoda) 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 30-12-2022, 2 P.M. and will be opened on 31-12-2022, 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 MATI	ERIALS
SI 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

### SCHEDULE FOR CCTV SURVEILLANCE SYSTEM ADDITION & RELATED INSTALLATION WORKS AT KTDC RBP KAREELAKULANGARA.

#### Part-A

		Г	art-A					
Sl No	Description	Qty	Unit	Unit Rate	Sub total	Tax%	Tax Amoun t	Grand Total
1	Supply of Outdoor 2 Megapixel High Definition Color VU Bullet Camera of good quality & approved make with 1080P resolution, 3.6mm lens,minimum 20 meters IR range ,day/night vision, Weather Resistant IP 66 housing, RoHS	1	No.	an O	121	etc nstalia	cons (St 2 no 1s access	PVC capping medium as sai complet Charges the
2	Compliance etc complete. Supply of BNC Connectors.	4	Nos.		(B+A-	m. Par		Sorveilla <b>Gran</b>
3	Supply of DC Pin Connectors.	2	Nos.					
4	Supply of RG-6 CO-Axial cable and 2 Pair (4 Nos)Standard 1 sqmm Copper Power Cable.	50	m.					
5	Supply of 25mm PVC conduits/casing capping, (Standard ISI medium) 2 no 4×4 pvc Box with all accessories such as saddles etc and complete.	50	m.					
6	Supply of 50 mm 1 No 3 Mtr Gi pipe(Standard ISI Medium) with all accessories such as saddles etc and complete.	1	Nos.					
	Total A							
	*	-	Part		Marie Ci	Lake	- Cl-	
2	Installation charg	es to	abov	e loca	tion	Labou	r Charg	ges J

	Total B									
2.3	Charges for Installation, testing and commissioning the entire CCTV Surveillance System.	1	Ls.		ight t IP toHS	,day/r esistar	egne L 798 Junit	R. ra Veatt Doug	ters l	alv
2.2	Laying Charges for 25mm PVC conduits/casing capping, (Standard ISI medium) 2 no 4×4 pvc Box with all accessories such as saddles etc and complete.	50	m.	aM.		tdour Defin Camer appre appre	dgi	of Bu Haling	pply gapix lor Vi od qu ulce wi	Me Gol Bos Seri
2.1	Laying Charges for RG-6 CO-Axial cable and 2 Pair Standard 1 sqmm Copper Power Cable through conduit including of wall if necessary etc and complete.		m.	Part	RKSA	0W I	AOI3	LAI	AT.	

	iing) 2 2 all 50 m. as	
Labour Charges		

### SCHEDULE FOR CCTV SURVEILLANCE SYSTEM INSTALLATION WORKS AT KTDC MARINA, BOLGATTY PALACE, KOCHI.

			Part-A		E 101	اعتناليا	Sec. 1	Consul	
Sl No	Description	Qty	Unit	Unit Rate	Sub total	Tax %	Tax Amt	Gran Tota	
9.04	Supply of Outdoor 2 Megapixel High Definition IP Bullet ColorVu Camera	1000	izuří		natw Str	anon s	oures in A	State	
0.8	of good quality & approved make with 1920 x 1080P@30fps		.oM		of 4U Rack	nobelli		ddas	
# of	resolution, 4 mm lens, minimum 30		3614					Supp	
1	m IR range, H.264 Compression, Video bit rate 32 Kbps~16Mbps,	3	Nos.		.70		y of Surge	gqud	
10	120db Wide Dynamic range, 3D		TeetA		1 1/2"	Blation	y and last 3Mtr.	Pole -	
05	Digital Noise Reduction, DC12V & PoE (802.3af), IP67 Weather Proof,		No			.29	y of 1KV U	guppi	
. 0	day/night vision, RoHS Compliance etc.		can		K cable.	Networ 25s	v of CAT o	Suppl	
0.5	Supply of High Definition 5 Megapixels 8 channel NVR up to 8 mp Support, HDMI and VGA output at up to 1920 x 1080 resolution,	ē.	1.80	200	g, 3 no 4s N medium h as saddle	capple idard res suc	its/casing os (Sta ill accesso d complet	cendu pve. i with etc an	
0	network cameras can be connected with 80M/160M incoming bandwidth, 1 SATA interfaces, 6 TB		1011		Water pij litings S	-61	y of 25m necess ories	Suppl with access	
22	capacity for HDD, support network		17169		A in	01			
2	detection, including network delay, packet loss etc. optical mouse, IR	1	No.		ation cha	nstall	MET.		
	Remote etc. Provision for easy backup to USB, built-in reporting of various alarms including hard disc	an:	T.ett		Network cluding of complete.		Charges through or necessary		
	errors, unauthorized logins, network conflicts etc, full feature remote access through IE Browser and with Client Software.(Black Metal Body)	20	m			I Insb	Chargo Is/casing ox . (Star Il accesso		

	Grand Total	Part	-A+B)				
2.4	commissioning the entire CCTV Surveillance System.  Total B	1	Ls.				
2.3	Laying Charges for 25mm pvc Water pipe with necessary fittings & accessories. Charges for Installation, testing and	50	m.				
2.2	Laying Charges for 25mm PVC conduits/casing capping, 3 no 4×4 pvc Box (Standard ISI medium) with all accessories such as saddles etc and complete.	200	m.				
2.1	Laying Charges for Cat-6 Network Cable through conduit including of wall if necessary etc and complete.	250	m.				
	Installation charg	ges fo	Par r abo	 ion ( L	abour	Charges	)
	Total A						
14	Supply of 25mm PVC Water pipe with necessary fittings & accessories.	50	m.				
13	Supply of 25mm PVC conduits/casing capping, 3 no 4×4 pvc Box (Standard ISI medium) with all accessories such as saddles etc and complete.	200	m.				
12	Supply of CAT 6 Network cable.	250	m.		.		
11	Supply of 1KV UPS.	1	No.				
10	Supply and Installation for 1 1/2" GI Pole - 3Mtr.	3	Nos.				
9	Supply of Surge Protector.	1	No.				
8	Supply of Tray for Rack.	1	No.	1			
7	Supply and Installation of 4U Rack.	1	No.			•	
6	Connectors.  Supply of Camera Housing With Stand.	3	Nos.				
5	Supply and Installation RJ 45	20	Nos.				
3	normal uplink.) 4 TB SATA Hard Disc.	1	No.				

# SCHEDULE FOR CCTV SURVEILLANCE SYSTEM INSTALLATION WORKS AT KTDC AAHAAR RESTAURANT, GURUVAYOOR.

			Part-A		S DZGI O	dn 18 3	adma un	A Dilla
SI No	Description	Qty	Unit	Unit Rate	Sub total	Tax %	Tax Amt	Grand Total
	Supply of Outdoor 2 Megapixel High				A STATE OF THE STA	2_dibh	abmed no	Total
	Definition IP Bullet Camera of good				000 1	No. 175	COLUMN TO THE	inates
	quality & approved make with 1920				00 0	olly to		139301
	x 1080P@30fps resolution, 4 mm				D, support	oth dos		Capaci
	lens, minimum 30 m IR range,		No.		nibulani	cuon	deb N	DWITTE
1	H.264 Compression, Video bit rate	3	Nos.		dia Reol	padee	ik dalay,	netwn
	32 Kbps~16Mbps, 120db Wide				da aloma	H AI	mouse,	
	Dynamic range, 3D Digital Noise				DZU at qu	bad ya	on for ea	
	Reduction, DC12V & PoE (802.3af),				ous alarm	iev lo	reportin	
	IP67 Weather Proof, day/night				ETOTIS T	etb .	ng har	
	vision, RoHS Compliance etc.				Inetworl	logins	besite	
1	Supply of Indoor 2 Megapixel High				domer er	feati	s etc, fa	canfliol
	Definition IP Dome Camera of				in and with	Brows	Drough I	
	good quality & approved make with		ALD!		(vboS lete	Hinck M	) ensware f	
	1920 x 1080 @30fps Resolution, 4				ch. (2 port	drk Swi	Poe Nervy	
	mm lens, 30m IR range, H.265,		80				(shrilge	
4 1	H.265+, H.264+,H.264 Compression,	4	Nos.				TA Hand	
	Video bit rate32Kbps~16Mbps,		11001	0.5	H . HJ 45	tallation	and but	
	120db Wide Dynamic Range, 3D			300	able.	showth	A TADIO	
	Digital noise reduction, DC12V &			000				
1	Poe (802.3af), day/night vision,						3 14	
- 1	Weather Resistant IP 67 housing,							
-	RoHS Compliance etc complete.		,					
	Supply of Outdoor 2 Megapixel High							
	Definition Color VU Bullet Camera							
- 1	of good quality & approved make							
3	with 1080P resolution, 3.6mm	3	Nos.					
1	ens,minimum 20 meters IR range							
	day/night vision, Weather Resistant							
	P 66 housing, RoHS Compliance etc							
_	complete.  Supply of Indoor 2 Megapixel High	-	-					
	Definition Color VU Dome Camera							
	of good quality & approved make							
V	with 1080P resolution,3.6mm lens,							
- 1	ninimum 20 meters IR range	3	Nos.					
	day/night vision, Weather Resistant							
	P 66 housing, RoHS Compliance etc							
	omplete.							
10	ompiete.							

	Supply of High Definition	5 1 1	ANCE SYSTE	A. HAVAUE VIOLEUR BURELLA
	Megapixels 16 channel NVR, HDM	IBUE	STAURANT,	AAHAARRE
	and VGA output at up to 1920	<	A-Part-A	
	1080 resolution, network cameras	ilati	sing viii	Desaringo
	can be connected with 80M/160M	Rate	anio 1 vap	
	incoming bandwidth, Upto 2 SATA			Supply of Oursider 2 Magapixel High!
	interfaces capacity up to 4TE			
	capacity for each HDD, support			
	network detection, including			
5	network delay, packet loss etc.	1	No.	
	optical mouse, IR Remote etc.		30 NOS	Ut.204 Compression, VI. so hit rate   32 Nos-15Mins. 12ndb Wid
	Provision for easy backup to USB,	1		32 Kbps-15Mips, 1.0db Wid Dynamic range, 3D Dirical Notes
				Reduction, DC12V & Pol (B02.2ac)
	built-in reporting of various alarms including hard disc errors.			1P67 Weather Proof, day/mety
				vision, RoHS Compilance etc.
	unauthorized logins, network			Supply of Indoor 2 Mesopixel High
	conflicts etc, full feature remote			Definition IP Pome amera of
	access through IE Browser and with			good quality & an proved make with
H	Client Software. (Black Metal Body)			1920 x 1080 (93) (95 p. abulan 4
6	8 port Poe Network Switch. (2 port normal uplink.)	1	Nos.	mm legs, 30m (R range, H265)
7	4 TB SATA Hard Disc.	1	No.	Hees, H.Cott, H.Cot Collegesion.
8	Supply and Installation RJ 45		1000	video bit rat 32kbn - 16Mbps
1	Connectors.	20	Nos.	120db Wide Dynamic Jonge 30
9	Supply of CAT 6 Network cable.	300	m.	Digital boles on the later of t

Rolfs Compliance etc complete.
Supply of Outdoor 2 Megapixel High
Definition Color VU Bullet Camera
of good quality & approved make
with 1080P resolution, 3.5mm
lens,minimum 20 meters iR range
day/night vision, Weather Resistant
IP 66 housing, Rolfs Compliance etc
Supply of Indoor 2 Megapixel High
Oelinition Color VU Dome Camera
of good quality & approved make
with 1080P resolution, 3.6mm lens,
day/night vision, Weather Resistant
minimum 20 meters iR range
day/night vision, Weather Resistant
Je 66 housing Rolfs Compliance etc

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.	200	m.		TALLA INCOME			3.00
	Total A			A			This Little	The same
	Differ of Contract ( New York of the		Par					
	Installation char	ges fo	r abov	e locat	ion (Lab	our Ch	arges)	
2.1	Laying Charges for Cat-6 Network Cable through conduit including of wall if necessary etc and complete.	300	m.					
2.2	Laying Charges for 25mm PVC conduits/casing capping, 7 no 4×4 pvc Box (Standard ISI medium) with all accessories such as saddles etc and complete.		m.					1
2.3	Charges for Installation, testing and commissioning the entire CCTV Surveillance System.	1	Ls.					
	Total B							
	Grand Total	Part-	A+B)	W-62				

## SCHEDULE FOR CCTV SURVEILLANCE SYSTEM INSTALLATION WORKS AT KTDC TAMARIND, KONDOTTY, KOZHOKODE.

			Part-A		s nzer o	NU 38 1	ndana ye	V beta
Sl No	Description	Qty	Unit	Unit Rate	Sub total	Tax %	Tax Amt	Grand Total
1	Supply of Outdoor 2 Megapixel High Definition IP Bullet Camera of good quality & approved make with 1920 x 1080P@30fps resolution, 4 mm lens, minimum 30 m IR range, H.264 Compression, Video bit rate 32 Kbps~16Mbps, 120db Wide Dynamic range, 3D Digital Noise Reduction, DC12V & PoE (802.3af),	2	Nos.		oto 2 SATA  p to 418  D support  less et  amobs et  up to USH	aity a kdr-iff tedon, pscka fR' K	ng bunds  ces cape y for e  c delay, mouse, ne coron	incom interfa capaci netwo netwo
	IP67 Weather Proof, day/night vision, RoHS Compliance etc.				e erers	dis logins,	ned go	includ; unauth
	Supply of Indoor 2 Megapixel High Definition IP Dome Camera of good quality & approved make with 1920 x 1080 @30fps Resolution, 4		201			AT MANAGEMENT	s etć, fu brough H oftware.() 'oe Netw	
2	mm lens, 30m IR range, H.265, H.265+, H.264+,H.264 Compression, Video bit rate32Kbps~16Mbps, 120db Wide Dynamic Range, 3D	2	Nos.		vith 2 Nos. les for L	1	oppink.) TA Hard Offline UP 42 AH SM	
	Digital noise reduction, DC12V & Poe (802.3af), day/night vision, Weather Resistant IP 67 housing, RoHS Compliance etc complete.							

	Supply of High Definition 5		ANCE SYSTE	ALERANDS FLUJ ROS SALVENES	-
	Megapixels 16 channel NVR, HDM	KON	уттопиом	TAMARUND	
	and VGA output at up to 1920 x		Pert-A	· ·	
	1080 resolution, network cameras				
	can be connected with 80M/160M	1	Quy Han	Destription	
	incoming bandwidth, Upto 2 SATA	1		Supply of Outdoor 2 Massagnal High	
	interfaces capacity up to 4TB	1		Definition IP Builet Carrera of good	
	capacity for each HDD, support			quality & approved make with 1920	
	network detection, including			x 106PP@30fps resolution, 4 min	
3	network delay, packet loss etc.	1	No.	lens, minimum 30 m IR rang	
	optical mouse, IR Remote etc.		Z Hos.	H264 Compress on, VI so but but	
				32 Klys-16Mlps, 120db Wid-	
	Provision for easy backup to USB,			Oynamic range, 3D Digital Noise	
	built-in reporting of various alarms			Reduction, DC12V,& Poli (802.3af)	
	including hard disc errors,			1P67 Weather Proof, day/nigh	
	unauthorized logins, network			vision, RoHS Compliance etc.	
	conflicts etc, full feature remote			Supply of Indoor 2 Meg.pixel High	
	access through IE Browser and with			Definition IP Former Samera of	
	Client Software.(Black Metal Body)			good quality & approved make with	
4	8 port Poe Network Switch. (2 port	1	Nos.	+ modulos sa con a con-	5
	normal uplink.) 4 TB SATA Hard Disc.			mm le 15, 30m 1R range, H:265,	
	1 KVA Offline UPS (24V) with 2 Nos.	1	No.	(4.265+, H.264+,H 264, Commercian	
6	of 12V, 42 AH SMF Batteries for 1	1	No.	Video bit rat 32Kbp1~16Mbps	
	hour backup.	1	110.	120db Wide Dynamic Jango, 3D	

7	Supply and Installation RJ 45 Connectors.	20	Nos.	FIE			Tage !	
8	Supply of CAT 6 Network cable.	275	m.		9 6			
9	Supply of 25mm PVC conduits/casing capping, 4 no 4×4 pvc Box (Standard ISI medium) with all accessories such as saddles etc and complete.	175	m.	lieft				
	Total A							-
			Part					
	Installation char	ges fo	r abov	e location	on (Labo	our Ch	arges)	
2.1	Laying Charges for Cat-6 Network Cable through conduit including of wall if necessary etc and complete.	275	m.					
2.2	Laying Charges for 25mm PVC conduits/casing capping, 4 no 4×4 pvc Box (Standard ISI medium) with all accessories such as saddles etc and complete.	175	m.					,
2.3	Charges for Installation, testing and commissioning the entire CCTV Surveillance System.	1	Ls.					
	Total B							
The Western								