



Kerala Tourism Development Corporation Limited

(A Government of Kerala Undertaking)

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KTDC/HO/ITD/CCTV/Varous units/01-23

8-3-2023

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 (Kozhikkodu) 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 18-3-2023, 2 P.M. and will be opened on 20-3-2023, 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

1. 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.
2. The items supplied should have a warranty for a minimum period of 3 years and any service requirement needed within the warranty period has to be attended at the site.
3. The firm shall have GST registration for work contract and proof of same shall be provided along with the offer.
4. The work shall be carried out in consultation with the Unit Manager without effecting the routine operation of the unit.
5. The materials used for the work should be from the attached approved list of make of materials.
6. A technical discussion meeting shall be held with the lowest rate quoted firm before placing work order.
7. An agreement shall be executed with security deposit 15% of the contract amount agreeing to the conditions of contract.

The offer shall reach the office of the System Analyst, KTDC Ltd., Maseco Square, Thiruvananthapuram - 695 022 on or before 18-3-2023, 3 P.M. and will be opened on 20-3-2023, 11 AM.
If the last date mentioned falls as a holiday or partial, the very next working day will be treated as the last date.

SYSTEM ANALYST

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

Part-A

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), IP67 Weather Proof, day/night vision, RoHS Compliance etc.	2	Nos.					
2	Supply of Indoor 2 Megapixel High Definition IP Dome Camera of good quality & approved make with 1920 x 1080 @30fps Resolution, 4 mm lens, 30m IR range, H.265, H.265+, H.264+, H.264 Compression, Video bit rate 32Kbps~16Mbps, 120db Wide Dynamic Range, 3D Digital noise reduction, DC12V & Poe (802.3af), day/night vision, Weather Resistant IP 67 housing, RoHS Compliance etc complete.	2	Nos.					

3	Supply of High Definition 5 Megapixels 16 channel NVR, HDMI and VGA output at up to 1920 x 1080 resolution, network cameras can be connected with 80M/160M incoming bandwidth, Upto 2 SATA interfaces capacity up to 4TB capacity 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.				
4	8 port Poe Network Switch. (2 port normal uplink.)	1	Nos.				
5	4 TB SATA Hard Disc.	1	No.				
6	1 KVA Offline UPS (24V) with 2 Nos. of 12V, 42 AH SMF Batteries for 1 hour backup.	1	No.				

7	Supply and Installation RJ 45 Connectors.	20	Nos.					
8	Supply of CAT 6 Network cable.	275	m.					
9	Supply of 25mm PVC conduits/casing capping, 4 no 4x4 pvc Box (Standard ISI medium) with all accessories such as saddles etc and complete.	175	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.	275	m.					
2.2	Laying Charges for 25mm PVC conduits/casing capping, 4 no 4x4 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								
Grand Total (Part-A+B)								

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

Part-A

Sl No	Description	Qty	Unit	Unit Rate	Sub total	Tax %	Tax Amt	Grand Total
1	Supply of Outdoor 2 Megapixel High Definition IP Bullet ColorVu 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), IP67 Weather Proof, day/night vision, RoHS Compliance etc.	3	Nos.					
2	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, network cameras can be connected with 80M/160M incoming bandwidth, 1 SATA interfaces, 6 TB capacity for 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.					

3	8 port Poe Network Switch. (2 port normal uplink.)	1	No.					
4	4 TB SATA Hard Disc.	1	No.					
5	Supply and Installation RJ 45 Connectors.	20	Nos.					
6	Supply of Camera Housing With Stand.	3	Nos.					
7	Supply and Installation of 4U Rack.	1	No.					
8	Supply of Tray for Rack.	1	No.					
9	Supply of Surge Protector.	1	No.					
10	Supply and Installation for 1 1/2" GI Pole - 3Mtr.	3	Nos.					
11	Supply of 1KV UPS.	1	No.					
12	Supply of CAT 6 Network cable.	250	m.					
13	Supply of 25mm PVC conduits/casing capping, 3 no 4x4 pvc Box (Standard ISI medium) with all accessories such as saddles etc and complete.	200	m.					
14	Supply of 25mm PVC Water pipe with necessary fittings & accessories.	50	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.	250	m.					
2.2	Laying Charges for 25mm PVC conduits/casing capping, 3 no 4x4 pvc Box (Standard ISI medium) with all accessories such as saddles etc and complete.	200	m.					
2.3	Laying Charges for 25mm pvc Water pipe with necessary 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 ADDITION & RELATED
INSTALLATION WORKS AT KTDC RBP KAREELAKULANGARA.**

Part-A

Sl No	Description	Qty	Unit	Unit Rate	Sub total	Tax%	Tax Amount	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 Compliance etc complete.	1	No.					
2	Supply of BNC Connectors.	4	Nos.					
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-B							
2	Installation charges for above location (Labour Charges)						
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.	50	m.				
2.2	Laying Charges for 25mm PVC conduits/casing capping, (Standard ISI medium) 2 no 4x4 pvc Box with all accessories such as saddles etc and complete.	50	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
AAHAAR RESTAURANT, GURUVAYOOR.**

Part-A

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), IP67 Weather Proof, day/night vision, RoHS Compliance etc.	3	Nos.					
2	Supply of Indoor 2 Megapixel High Definition IP Dome Camera of good quality & approved make with 1920 x 1080 @30fps Resolution, 4 mm lens, 30m IR range, H.265, H.265+, H.264+, H.264 Compression, Video bit rate 32Kbps~16Mbps, 120db Wide Dynamic Range, 3D Digital noise reduction, DC12V & Poe (802.3af), day/night vision, Weather Resistant IP 67 housing, RoHS Compliance etc complete.	4	Nos.					
3	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 Compliance etc complete.	3	Nos.					
4	Supply of Indoor 2 Megapixel High Definition Color VU Dome 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 Compliance etc complete.	3	Nos.					

5	Supply of High Definition 5 Megapixels 16 channel NVR, HDMI and VGA output at up to 1920 x 1080 resolution, network cameras can be connected with 80M/160M incoming bandwidth, Upto 2 SATA interfaces capacity up to 4TB capacity 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.						
6	8 port Poe Network Switch. (2 port normal uplink.)	1	Nos.						
7	4 TB SATA Hard Disc.	1	No.						
8	Supply and Installation RJ 45 Connectors.	20	Nos.						
9	Supply of CAT 6 Network cable.	300	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.	200	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.	300	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.	200	m.					
2.3	Charges for Installation, testing and commissioning the entire CCTV Surveillance System.	1	Ls.					
Total B								
Grand Total (Part-A+B)								