



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/ITD/CCTV/various units/4

6-1-2019

QUOTATION NOTICE

Sub: - Supply and Installation of CCTV Surveillance System at KTDC Restaurant and Beer Parlours- Payyannur new & old, Kolayad, Thaliparamba, Kanjikode, Kenichira, , Nattakom, Motel Araam Vadakara, Kuttippuram, Vaikkom , KTDC Pepper grove-Wayanad, Tamarind Guruvayur - reg.

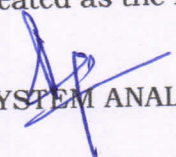
Competitive quotations are invited from reputed firms for the Supply and Installation of CCTV Surveillance System at KTDC Restaurant and Beer Parlours- Payyannur new & old, Kolayad, Thaliparamba- (Kannur), Kanjikode-Palakkadu, Kenichira-Wayanadu, Nattakom-Kottayam Motel Araam Vadakara-Kozhikkode, Kuttippuram-Malappuram, Vaikkom-Kottayam , KTDC Pepper grove-Wayanad, Tamarind Guruvayur 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 15-1-2020, 2 P.M. and will be opened on 15-1-2020, 3 PM.

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	DVR.	Hikvision, Sony, Samsung, Honeywell.
2	Camera.	Hikvision, Sony, Samsung, Honeywell.
3	BNC and DC Connectors.	MX, chetan.
4	Surveillance Hard Disk.	Seagate, W.D.
5	Power Supply	ERD
6	Cat6 Cable	D Link, Finolex
7	IO Box, connectors	DLink
8	Coaxial cable.	Finolex, V-Guard.
9	UPS	APC, Numeric, Hykon
10	Monitor	LG, Samsung, Dell, AOC.

SCHEDULE FOR CCTV SURVEILLANCE SYSTEM INSTALLATION
WORKS AT KTDC RBP OLD PAYYANUR,KANNUR.

Part-A

Sl No	Description	Qty	Unit	Unit Rate	Subtotal	Tax %	Tax Amount	Grand Total
1	Supply of Indoor 2 Megapixel High Definition 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	4	Nos.					
2	Supply of Outdoor 2 Megapixel High Definition 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	1	No.					
3	Supply of High Definition 8 Channel Digital Video Recorder 1080P Up to 4 MP resolution for recording with H.265+/H.265/H.264+/H.264 Compression, with TCP/IP ,optical mouse, 2 SATA Interfaces, Up to 4 TB capacity for each disk, IR Remote etc. The supplied DVR should have the provision for VGA, HDMI monitor or Video connection, Output at up to 1920×1080P resolution, easy backup to USB, Pentaplex Operation, built-in reporting of various alarms including hard disc errors, unauthorized logins,	1	No.					
4	Supply of BNC Connectors.	10	Nos.					

5	Supply of DC Pin Connectors.	5	Nos.					
6	Supply of Power supply (smps) 100-220V by 12V/10A. (8 Channel)	1	No.					
7	4 TB SATA Surveillance Hard Disc.	1	No.					
8	Supply of 20" LED Monitor of reputed brand.	1	No.					
9	Supply of RG-6 CO-Axial cable and 2 Pair Standard 1 sqmm Copper Power Cable .	100	m.					
10	Supply of 25mm PVC conduits/casing capping, (Standard ISI medium) 5 no 4×4 pvc Box with all accessories such as saddles etc and complete.	75	m.					
	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.	100	m.					
2.2	Laying Charges for 25mm PVC conduits/casing capping, (Standard ISI medium) 5 no 4×4 pvc Box with all accessories such as saddles etc and complete.	75	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 RBP NEW PAYYANUR, KANNUR.

Part-A

Sl No	Description	Qty	Unit	Unit Rate	Subtotal	Tax %	Tax Amount	Grand Total
1	Supply of Indoor 2 Megapixel High Definition 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	4	Nos					
2	Supply of Outdoor 2 Megapixel High Definition 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	2	Nos					
3	Supply of High Definition 8 Channel Digital Video Recorder 1080P Up to 4 MP resolution for recording with H.265+/H.265/H.264+/H.264 Compression, with TCP/IP ,optical mouse, 2 SATA Interfaces, Up to 4 TB capacity for each disk, IR Remote etc. The supplied DVR should have the provision for VGA, HDMI monitor or Video connection, Output at up to 1920×1080P resolution, easy backup to USB, Pentaplex Operation, built-in reporting of various alarms including hard disc errors, unauthorized logins,	1	No.					
4	Supply of BNC Connectors.	12	Nos					

5	Supply of DC Pin Connectors.	6	Nos					
6	Supply of Power supply (smps) 100-220V by 12V/10A. (8 Channel)	1	No.					
7	4 TB SATA Surveillance Hard Disc.	1	No.					
8	Supply of 20" LED Monitor of reputed brand.	1	No.					
9	Supply of RG-6 CO-Axial cable and 2 Pair Standard 1 sqmm Copper Power Cable .	100	m.					
10	Supply of 25mm PVC conduits/casing capping, (Standard ISI medium) 6 no 4×4 pvc Box with all accessories such as saddles etc and complete.	75	m.					
	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.	100	m.					
2.2	Laying Charges for 25mm PVC conduits/casing capping, (Standard ISI medium) 6 no 4×4 pvc Box with all accessories such as saddles etc and complete.	75	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 RBP KOLAYAD,KANNUR.**

Part-A

Sl No	Description	Qty	Unit	Unit Rate	Subtotal	Tax %	Tax Amount	Grand Total
1	Supply of Indoor 2 Megapixel High Definition 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.	5	No.					
2	Supply of Outdoor 2 Megapixel High Definition 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.					
3	Supply of High Definition 8 Channel Digital Video Recorder 1080P Up to 4 MP resolution for recording with H.265+/H.265/H.264+/ H.264 Compression, with TCP/IP ,optical mouse, 2 SATA Interfaces, Up to 4 TB capacity for each disk, IR Remote etc. The supplied DVR should have the provision for VGA, HDMI monitor or Video connection, Output at up to 1920×1080P resolution, easy backup to USB, Pentaplex Operation, 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.	1	No.					
4	Supply of BNC Connectors.	12	No.					
5	Supply of DC Pin Connectors.	6	No.					

6	Supply of Power supply (smmps) 100-220V by 12V/ 10A. (8 Channel)	1	No.					
7	4 TB SATA Surveillance Hard Disc.	1	No.					
8	Supply of 20" LED Monitor of reputed brand.	1	No.					
9	1 KVA Offline UPS (24V) with 2 Nos. of 12V, 42 AH SMF Batteries for 1 hour backup.	1	No.					
10	Supply of RG-6 CO-Axial cable and 2 Pair Standard 1 sqmm Copper Power Cable .	175	Mtr.					
11	Supply of CAT-6 Network Cable .	25	m.					
12	Supply of 2 no Network IO Box and RJ 45 Connectors.	2	No.					
13	Supply of 25mm PVC conduits/casing capping, (Standard ISI medium) 6 no 4×4 pvc Box with all accessories such as saddles etc and complete.	125	Mtr.					
	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.	175	Mtr.					
2.2	Laying Charges for 25mm PVC conduits/casing capping, (Standard ISI medium) 6 no 4×4 pvc Box with all accessories such as saddles etc and complete.	125	Mtr.					
2.3	Laying charge for CAT-6 Network Cable	25	Mtr.					
2.4	Installation Charges of 2 no Network IO Box and RJ 45 Connectors.	2	No.					
2.5	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 RBP THALIPPARAMBA, KANNUR.**

Part-A

Sl No	Description	Qty	Unit	Unit Rate	Subtotal	Tax %	Tax Amount	Grand Total
1	Supply of Indoor 2 Megapixel High Definition 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.	4	Nos.					
2	Supply of Outdoor 2 Megapixel High Definition 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.					
3	Supply of High Definition 8 Channel Digital Video Recorder 1080P Up to 4 MP resolution for recording with H.265+/H.265/ H.264+/ H.264 Compression, with TCP/IP ,optical mouse, 2 SATA Interfaces, Up to 4 TB capacity for each disk, IR Remote etc. The supplied DVR should have the provision for VGA, HDMI monitor or Video connection, Output at up to 1920×1080P resolution, easy backup to USB, Pentaplex Operation, 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.	1	No.					
4	Supply of BNC Connectors.	14	Nos.					
5	Supply of DC Pin Connectors.	7	Nos.					

6	Supply of Power supply (smmps) 100-220V by 12V/ 10A. (8 Channel)	1	No.					
7	4 TB SATA Surveillance Hard Disc.	1	No.					
8	Supply of 20" LED Monitor of reputed brand.	1	No.					
9	1 KVA Offline UPS (24V) with 2 Nos. of 12V, 42 AH SMF Batteries for 1 hour backup.	1	No.					
10	Supply of RG-6 CO-Axial cable and 2 Pair Standard 1 sqmm Copper Power Cable .	200	m.					
11	Supply of CAT-6 Network Cable .	30	m.					
12	Supply of 2 no Network IO Box and RJ 45 Connectors.	2	Nos.					
13	Supply of 25mm PVC conduits/casing capping, (Standard ISI medium) 7 no 4×4 pvc Box with all accessories such as saddles etc and complete.	150	m.					
14	Supply of 25 mm PVC Water pipe(Standard ISI Medium) with all accessories such as saddles etc and complete.	10	m.					
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.	200	m.					
2.2	Laying Charges for 25mm PVC conduits/casing capping, (Standard ISI medium) 7 no 4×4 pvc Box with all accessories such as saddles etc and complete.	150	m.					
2.3	Laying Charges for 25 mm PVC Water pipe (Standard ISI Medium) with all accessories such as saddles etc and complete.	10	m.					
2.4	Laying charge for CAT-6 Network Cable	30	m.					
2.5	Installation Charges of 2 no Network IO Box and RJ 45 Connectors.	2	Nos.					
2.6	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 RBP KANJIKODE,PALAKKAD.

Part-A

Sl No	Description	Qty	Unit	Unit Rate	Subtotal	Tax %	Tax Amount	Grand Total
1	Supply of Indoor 2 Megapixel High Definition 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.					
2	Supply of Outdoor 2 Megapixel High Definition 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.	2	Nos.					
3	Supply of High Definition 8 Channel Digital Video Recorder 1080P Up to 4 MP resolution for recording with H.265+/H.265/H.264+/ H.264 Compression, with TCP/IP ,optical mouse, 2 SATA Interfaces,Up to 4 TB capacity for each disk,IR Remote etc. The supplied DVR should have the provision for VGA,HDMI monitor or Video connection, Output at up to 1920×1080P resolution, easy backup to USB, Pentaplex Operation, 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.	1	No.					
4	Supply of BNC Connectors.	10	Nos.					
5	Supply of DC Pin Connectors.	5	Nos.					

6	Supply of Power supply (smps) 100-220V by 12V/ 10A. (8 Channel)	1	No.					
7	4 TB SATA Surveillance Hard Disc.	1	No.					
8	Supply of RG-6 CO-Axial cable and 2 Pair Standard 1 sqmm Copper Power Cable .	125	m.					
9	Supply of 25mm PVC conduits/casing capping, (Standard ISI medium) 5 no 4×4 pvc Box with all accessories such as saddles etc and complete.	100	m.					
11	Supply of CAT-6 Network Cable	30	m.					
12	Supply of 2 no Network IO Box and RJ 45 Connectors.	2	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.	125	m.					
2.2	Laying Charges for 25mm PVC conduits/casing capping, (Standard ISI medium) 5 no 4×4 pvc Box with all accessories such as saddles etc and complete.	100	m.					
2.4	Laying charge for CAT-6 Network Cable	30	m.					
2.5	Installation Charges of 2 no Network IO Box and RJ 45 Connectors.	2	Nos.					
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 RBP KENICHIRA, WAYANAD.

Part-A

Sl No	Description	Qty	Unit	Unit Rate	Subtotal	Tax %	Tax Amount	Grand Total
1	Supply of Indoor 2 Megapixel High Definition 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.	5	Nos.					
2	Supply of Outdoor 2 Megapixel High Definition 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.					
3	Supply of High Definition 8 Channel Digital Video Recorder 1080P Up to 4 MP resolution for recording with H.265+/H.265/ H.264+/ H.264 Compression, with TCP/IP ,optical mouse, 2 SATA Interfaces, Up to 4 TB capacity for each disk, IR Remote etc. The supplied DVR should have the provision for VGA, HDMI monitor or Video connection, Output at up to 1920×1080P resolution, easy backup to USB, Pentaplex Operation, 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	1	No.					
4	Supply of BNC Connectors.	12	Nos.					

5	Supply of DC Pin Connectors.	6	Nos.					
6	Supply of Power supply (smps) 100-220V by 12V/ 10A. (8 Channel)	1	No.					
7	4 TB SATA Surveillance Hard Disc.	1	No.					
8	Supply of 20" LED Monitor of reputed brand.	1	No.					
9	1 KVA Offline UPS (24V) with 2 Nos. of 12V, 42 AH SMF Batteries for 1 hour backup.	1	No.					
10	Supply of RG-6 CO-Axial cable and 2 Pair Standard 1 sqmm Copper Power Cable .	175	m.					
11	Supply of CAT-6 Network Cable	30	m.					
12	Supply of 2 no Network IO Box and RJ 45 Connectors.	2	Nos.					
11	Supply of 25mm PVC conduits/casing capping, (Standard ISI medium) 6 no 4×4 pvc Box with all accessories such as saddles etc and complete.	130	m.					
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.	175	m.					
2.2	Laying Charges for 25mm PVC conduits/casing capping, (Standard ISI medium) 6 no 4×4 pvc Box with all accessories such as saddles etc and complete.	130	m.					
2.4	Laying charge for CAT-6 Network Cable	30	m.					
2.5	Network IO Box and RJ 45 Connectors.	2	Nos.					

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 RBP NATTAKOM,KOTTAYAM.**

Part-A

Sl No	Description	Qty	Unit	Unit Rate	Subtotal	Tax %	Tax Amount	Grand Total
1	Supply of Indoor 2 Megapixel High Definition 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.	5	Nos.					
2	Supply of Outdoor 2 Megapixel High Definition 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.					
3	Supply of High Definition 8 Channel Digital Video Recorder 1080P Up to 4 MP resolution for recording with H.265+/H.265/H.264+/ H.264 Compression, with TCP/IP ,optical mouse, 2 SATA Interfaces, Up to 4 TB capacity for each disk, IR Remote etc. The supplied DVR should have the provision for VGA, HDMI monitor or Video connection, Output at up to 1920×1080P resolution, easy backup to USB, Pentaplex Operation, 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.	1	No.					
4	Supply of BNC Connectors.	12	Nos.					
5	Supply of DC Pin Connectors.	6	Nos.					

6	Supply of Power supply (smmps) 100-220V by 12V/ 10A. (8 Channel)	1	No.					
7	4 TB SATA Surveillance Hard Disc.	1	No.					
8	Supply of 20" LED Monitor of reputed brand.	1	No.					
9	1 KVA Offline UPS (24V) with 2 Nos. of 12V, 42 AH SMF Batteries for 1 hour backup.	1	No.					
10	Supply of RG-6 CO-Axial cable and 2 Pair Standard 1 sqmm Copper Power Cable .	175	m.					
11	Supply of CAT-6 Network Cable .	25	m.					
12	Supply of 2 no Network IO Box and RJ 45 Connectors.	2	Nos.					
13	Supply of 25mm PVC conduits/casing capping, (Standard ISI medium) 6 no 4×4 pvc Box with all accessories such as saddles etc and complete.	125	m.					
	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.	175	m.					
2.2	Laying Charges for 25mm PVC conduits/casing capping, (Standard ISI medium) 6 no 4×4 pvc Box with all accessories such as saddles etc and complete.	125	m.					
2.3	Laying charge for CAT-6 Network Cable.	25	m.					
2.4	Installation Charges of 2 no Network IO Box and RJ 45 Connectors.	2	Nos.					
2.5	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 MA VADAKARA.

Part-A

Sl No	Description	Qty	Unit	Unit Rate	Subtotal	Tax %	Tax Amount	Grand Total
1	Supply of Indoor 2 Megapixel High Definition 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.	2	Nos.					
2	Supply of Outdoor 2 Megapixel High Definition 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.					
3	Supply of BNC Connectors.	6	Nos.					
4	Supply of DC Pin Connectors.	3	Nos.					
7	Supply of RG-6 CO-Axial cable and 2 Pair Standard 1 sqmm Copper Power Cable .	100	m.					
8	Supply of 25mm PVC conduits/casing capping, (Standard ISI medium) 3 no 4x4 pvc Box with all accessories such as saddles etc and complete.	50	m.					
	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.	100	m.				
2.2	Laying Charges for 25mm PVC conduits/casing capping, (Standard ISI medium) 3 no 4×4 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 MA KUTTIPPURAM.

Part-A

Sl No	Description	Qty	Unit	Unit Rate	Subtotal	Tax %	Tax Amount	Grand Total
1	Supply of Indoor 2 Megapixel High Definition 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.	4	Nos.					
2	Supply of Outdoor 2 Megapixel High Definition 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.					
3	Supply of BNC Connectors.	14	Nos.					
4	Supply of DC Pin Connectors.	7	Nos.					
5	4 TB SATA Surveillance 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 of RG-6 CO-Axial cable and 2 Pair Standard 1 sqmm Copper Power Cable .	350	Mtr.					

8	Supply of 25mm PVC conduits/casing capping, (Standard ISI medium) 7 no 4×4 pvc Box with all accessories such as saddles etc and complete.	150	Mtr.					
9	Supply of 25 mm PVC Water pipe(Standard ISI Medium) with all accessories such as saddles etc and complete.	25	Mtr.					
	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.	350	Mtr.					
2.2	Laying Charges for 25mm PVC conduits/casing capping, (Standard ISI medium) 7 no 4×4 pvc Box with all accessories such as saddles etc and complete.	150	Mtr.					
2.3	Laying Charges for 25 mm PVC Water pipe (Standard ISI Medium) with all accessories such as saddles etc and complete.	25	Mtr.					

2.4	Charges for Installation, testing and commissioning the entire CCTV Surveillance System.	1	Ls.					
	Total B							
	Grand Total (Part-A+B)							

<u>SCHEDULE FOR CCTV SURVEILLANCE SYSTEM ADDITION & RELATED WORKS AT KTDC MOTEL AARAM VAIKOM.</u>								
Part-A								
Sl No	Description	Qty	Unit	Unit Rate	Sub total	Tax%	Tax Amount	Grand Total
1	Supply of Indoor 2 Megapixel High Definition 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.	2	No.					
2	Supply of Outdoor 2 Megapixel High Definition 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.	2	No.					
3	Supply of BNC Connectors.	14	No.					
4	Supply of DC Pin Connectors.	7	No.					
5	Supply of Power supply (smmps) 100-220V by 12V/ 10A. (8 Channel)	1	No.					
6	RG-6 CO-Axial cable and 2 Pair Standard 1 sqmm Copper Power Cable through conduit including of wall if necessary etc and complete.	150	m.					
7	Supply of 25mm PVC conduits/casing capping, (Standard ISI medium) 4 no 4x4 pvc Box with all accessories such as saddles etc and complete.	75	m.					
	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.	150	m.					
2.2	Supply of 25mm PVC conduits/casing capping, (Standard ISI medium) 4 no 4x4 pvc Box with all accessories such as saddles etc and complete.	75	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 PEPPERGROVE WAYANAD.

Part-A

Sl No	Description	Qty	Unit	Unit Rate	Subtotal	Tax %	Tax Amount	Grand Total
1	Supply of Indoor 2 Megapixel High Definition 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.					
2	Supply of High Definition 16 Channel Digital Video Recorder 1080P Up to 4 MP resolution for recording with H.265+/H.265/ H.264+/H.264 Compression, with TCP/IP ,optical mouse, 2 SATA Interfaces, Up to 6 TB capacity for each disk, IR Remote etc. The supplied DVR should have the provision for VGA, HDMI monitor or Video connection, Output at up to 1920×1080P resolution, easy backup to USB, Pentaplex Operation, 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.	1	No.					
3	Supply of BNC Connectors.	6	Nos.					
4	Supply of DC Pin Connectors.	3	Nos.					

5	Supply of Power supply (smps) 100-220V by 12V/ 20A. (16 Channel)	1	No.					
6	4 TB SATA Hard Disc.	1	No.					
7	Supply of RG-6 CO-Axial cable and 2 Pair Standard 1 sqmm Copper Power Cable .	125	m.					
8	Supply of 25mm PVC conduits/casing capping, (Standard ISI medium) 3 no 4×4 pvc Box with all accessories such as saddles etc and complete.	125	m.					
	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.	125	m.					
2.2	Laying Charges for 25mm PVC conduits/casing capping, (Standard ISI medium) 16 no 4×4 pvc Box with all accessories such as saddles etc and complete.	125	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 TEH GURUVAYOOR.

Part-A

Sl No	Description	Qty	Unit	Unit Rate	Subtotal	Tax %	Tax Amount	Grand Total
1	Supply of Indoor 2 Megapixel High Definition 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.					
2	Supply of BNC Connectors.	6	Nos.					
3	Supply of DC Pin Connectors.	3	Nos.					
4	Supply of RG-6 CO-Axial cable and 2 Pair Standard 1 sqmm Copper Power Cable .	125	m.					
5	Supply of 25mm PVC conduits/casing capping, (Standard ISI medium) 3 no 4x4 pvc Box with all accessories such as saddles etc and complete.	125	m.					
	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.	125	m.					
2.2	Laying Charges for 25mm PVC conduits/casing capping, (Standard ISI medium) 3 no 4x4 pvc Box with all accessories such as saddles etc and complete.	125	m.					

2.3	Charges for Installation, testing and commissioning the entire CCTV Surveillance System.	1	LS.					
	Total B							
	Grand Total (Part-A+B)							