



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//IT/CCTV/2023/11510-(a)

10-1-2024

QUOTATION NOTICE

Sub: - Supply and Installation of CCTV Surveillance System at Bolgatty Palace - reg.

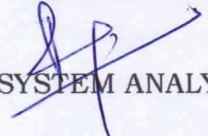
Competitive quotations are invited from reputed firms for the Supply and Installation of CCTV Surveillance System at KTDC Bolgatty Palace Event Centre & Lake side, Kochi as per the attached schedule and following terms & conditions.

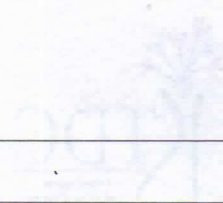
Terms & Conditions

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 20-1-2024, 2 P.M. and will be opened on 21-1-2024, 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

SI No.	Material	Makes
1	NVR.	Hikvision, Sony, Samsung, Honeywell.
2	Camera.	Hikvision, Sony, Samsung, Honeywell.
3	POE Network switch	Hikvision, D Link, TP Link
4	Surveillance Hard Disk.	Seagate, W.D.
5	Cat6 Cable, Patch cord	D Link, Finolex, Molex
6	RJ 45 connectors	D Link, Molex
7	Rack	Rittal, Mass, D Link.
8	Patch Panel	Netrack,Valrack, Schneider, D-Link
9	Optical Fibre, LIU ,Optical Fibre pigtail	Finolex , Molex, Honeywell, CommScope
10	Optical Fibre Media Converter (Single Mode	D-Link, TP Link, Molex

3. Payment will be released after the satisfactory supply, installation, testing and commissioning of CCTV, Surveillance System being done as per contract for the entire duration of the contract.

4. The bidder should provide a warranty for a minimum period of 3 years and any other technical details within the warranty period has to be attached at the end.

5. The bidder shall have GST registration for work contract and price of same shall be provided along with the offer.

6. The work shall be carried out in consultation with the Joint Manager without affecting the normal operation of the unit.

7. The materials used for the work should be from the attached approved list of make & materials.

8. A technical discussion meeting shall be held with the lowest rate quoted bidder prior to work order.

9. An agreement shall be executed with security deposit 10% of the contract amount for entry to the conditions of contract.

The offer shall reach the office of the General Manager, KTDC Ltd, Block 2, Square, Thiruvananthapuram - 695 033 on or before 20-1-2024, 3 P.M. and will be opened on 21-1-2024, 11 AM.

If the last date is a holiday or partial, the next working day will be deemed as the last date.

SYSTEM ANALYST

**SCHEDULE FOR CCTV SURVEILLANCE SYSTEM INSTALLATION WORKS AT
KTDC BOLGATTY PALACE (EVENT CENTRE), KOCHI.**

Part-A

Sl No	Description	Qty	Unit	Unit Rate	Sub total	Tax %	Tax Amt	Grand Total
2	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.					
3	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.	4	Nos.					

4	Supply of High Definition 8 Megapixels (upto 12 mp) 64 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, 4 SATA interfaces capacity up to 8 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.				
5	8 Port Poe Network Switch. (2 port normal uplink.)	1	Nos.				
6	8 TB SATA Hard Disc.	2	Nos.				
7	Supply of Camera Housing With Stand.	4	Nos.				
8	Supply and Installation of 6U Rack Fully Loaded with all accessories. (Rack Tray, Surge Protector)	1	Nos.				
9	Supply and Installation of 9U Rack Fully Loaded with all accessories. (Rack Tray, Surge Protector)	1	No.				
10	Supply and Installation of 8 Port Patch Panel with all accessories.	1	Nos.				
11	Supply and Installation of 6 Port LIU Fully Loaded with all accessories.	1	Nos.				
12	Supply and Installation of 24 Port LIU Fully Loaded with all accessories.	1	No.				
13	Supply and Installation RJ 45 Connectors.	10	Nos.				
14	Supply of 1Mtr Patch Cord.	8	Nos.				
15	Supply and installation of Optical Fibre pigtail	2	Nos.				

16	Supply of Optical Fibre Media (Single Fibre) Converter 1 Pair.	1	Nos.				
17	Supply and Installation of PVC 5X5" CCTV Camera Box.	4	Nos.				
18	Supply of CAT 6 Network cable.	500	m.				
20	Supply of 25mm PVC conduits/casing capping, (Standard ISI medium) with all accessories such as saddles etc and complete.	250	m.				
21	Supply of 25mm PVC Water pipe with necessary Digging, fittings & accessories.	250	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, 8 no 4x4 pvc Box (Standard ISI medium) with all accessories such as saddles etc and complete.	250	m.				
2.3	Laying Charges for 25mm pvc Water pipe with necessary Digging, fittings & accessories.	250	m.				
2.5	Optical Fiber Cable 6 Core (SC connector) Splicing Charges with termination box.	1	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
BOLGATTY PALACE (LAKE SIDE & HALL), KOCHI.**

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.	6	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	8 Port Poe Network Switch. (2 port normal uplink.)	1	Nos.					
4	Supply of Camera Housing With Star	6	Nos.					
5	Supply and Installation of 6U Rack Fully Loaded with all accessories.(Rack Tray,Surge Protector)	1	Nos.					
6	Supply and Installation of 8 Port Patch Panel with all accessories.	1	Nos.					
7	Supply and Installation of 6 Port LIU Fully Loaded with all accessories.	1	Nos.					

8	Supply and Installation RJ 45 Connectors.	20	Nos.					
9	Supply of 1Mtr Patch Cord.	8	Nos.					
10	Supply and installation of Optical Fibre pigtail	2	Nos.					
11	Supply of Optical Fibre Media (Single Fibre) Converter 1 Pair.	1	Nos.					
12	Supply and Installation of PVC 5X5" CCTV Camera Box.	2	Nos.					
13	Supply of CAT 6 Network cable.	350	m.					
14	Supply of Optical Fibre Cable 6 Core Armoured.	200	m.					
15	Supply of 25mm PVC conduits/casing capping, (Standard ISI medium) with all accessories such as saddles etc and complete.	100	m.					
16	Supply of 25mm PVC Water pipe with necessary Digging, fittings & accessories.	300	m.					
17	Supply of 20mm HDPE Water pipe with necessary Digging, fittings & accessories.	200	m.					
18	Supply and Installation for 1 1/2" GI Pole - 4Mtr.	3	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.	350	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.	100	m.					
2.3	Laying Charges for 25mm pvc Water pipe with necessary Digging, fittings & accessories.	300	m.					
2.4	Laying Charges for Optical Fibre Cable 6 Core Armoured.	200	m.					
2.5	Laying Charges for 20mm HDPE Water pipe with necessary Digging, fittings & accessories.	200	m.					
2.6	Optical Fiber Cable 6 Core (SC connector) Splicing Charges with termination box.	1	No.					
2.7	Charges for Installation, testing and commissioning the entire CCTV Surveillance System.	1	Ls.					
Total B								
Grand Total (Part-A+B)								