



ROYAL GOVERNMENT OF BHUTAN
Dzongkhag Administration Tsirang
(Damphu Municipality)
"Towards Efficient and Effective Service Delivery"



TD/Municipal-19/2018-2019/ 594

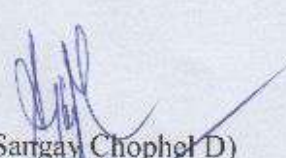
April 29, 2019.

ADDENDUM

This is in reference to the notice Inviting Tender vide No. TD/Municipal-1/2018-2019/587 dated 26/4/2019 for the supply and Installation of CCTV at Damphu town, Tsirang Dzongkhag.

Therefore kindly treat the previous description as cancelled and follow the new description mentioned as below:

1. The quotations will be conducted through limited Inquiry procedure specified in the RGoB Procurement Manual, and is open to all bidder/ eligible suppliers.
2. Interested eligible suppliers/ Bidders may obtain further information from Municipal Office 77195253, or from Dzongkhag IT Section 17609150 during Office hours.
3. A complete set of quotation list may be down load from Tsirang Dzongkhag website www.tsirang.gov.bt or from www.cdb.gov.bt from 26th April, 2019 till 7th May, 2019.
4. Quotations must be delivered to the Office of the *Procurement Officer, Tsirang Dzongkhag* on or before 10.00 AM on ~~8th~~ ^{7th} May, 2019. Electronic bidding "shall not" be permitted. Late Bids will be rejected. Bids will be opened physically in the presence of the Bidders'/suppliers representatives who choose to attend in person at *Dzongkhag Conference Hall* on 7th May, 2019 at 10.30 AM.
5. The quotation shall be accompanied with Earnest Money of Nu. 20,000.00 (Ngultrum Twenty Thousand) only drawn in favour of Dasho Dzongdag, Tsirang Dzongkhag.
6. The Earnest Money will have to be in any one of the forms as specified in the bidding document and should be valid for 90 days from the date of opening.


(Sangay Chophel D)
Offg. Dzongrab

1. Dzongkhag Tender Committee Members, Dzongkhag Administration, Tsirang for information.
2. ICT Officer (e-tool focal person), Dzongkhag Administration, Tsirang to re- upload in Tsirang Dzongkhag website and CDB web site

SL No.	Particular	Description of Items	Qty	Unit price	Total amount
1	Outdoor Metal Bullet 2MP with POE	Image Sensor:L1/2.7"CMOS Resolution:1920*1080 Pixel:2MP Compression:H264/H265 Frame Rate:30fps Bit Rate:275Kbps~8Mbps Min. Illumination:0Lux(IR ON) Lens Mount: M12 Lens: 4mm, 6mm, 8mm, 12mm View Angle:2.8mm: horizontal field of view 107.2°/4mm: horizontal field of view 92.6° IR-Distance:Up to 25 - 40 Meters.	8		
2	NVR (Network Video recorder) 16 Channel	16 Channel NVR with following features: RECORDING IN HIGH. DEFINITION QUALITY, VJA, HDMI & AV OUT PUT. H.264/H.265 dual-stream video compression · Resolution HDMI: 1024×768/1280×1024/1280×800/1440×900 / 1920×1080@60/3840×2160@30 VGA: 1024*768,1280*800,1280*1024,1440*900, 1920*1080@60 Display:1ch@ 5MP/4MP/1080P/960P/720P. 25fps, 4ch@1080P 30fps,32/25/16/9/8ch@ D1/CIF &etc Compression resolution : H.264/H.265 32ch 5MP/4MP/1080P/960P/720P Record Mode : Manual, Schedule, Motion Detection ,Alarm Device ,IVP 2CH Trigger Events : Recording, Snapshot, PTZ, Voice, E-mail, Client, Buzzer Video Detection : Motion Detection, No Video Detection, Alarm Device, IVP Play back and backup : Day View, Hour View ,Back Step ,Rewind, Pause, Play, Fast Forward, Slow , Step ,Full Screen, Snap, Sound On/Off, Zoom Storage capacity : support 2 SATA interface up to 8TB Interoperability : ONVIF	1		

3	P2P/ wireless station	Point to Point Outdoor unit/Wireless airmax antenna; 5Ghz Frequency; 25 Mbps Ethernet net throughput; up to 25 km Range; 5,10,20 Mhz channel bandwidth; 802.1Q, QinQ, 4094 VLANs; Beamwidth 30 Deg; Polarization Dual Linear (Vertical and Horizontal); outdoor CAT-5e;100m for 10/100BaseT; MIMO-OFDM (BPSK/QPSK/16QAM/64QAM); -35°Cto60°C/-31°F to140°F; Max Tx Power 27dbi; TDD Inter Site Synchronization	4 pairs		
4	Surveillance Hard disk (HDD) 4TB	Surveillance HDD High Performance, Continuous Through Put,6GBPS & It Must be compatible With network video recorder from any brand	1		
5	Network Switch 16 Port POE (Power over Ethernet)	16 Port 10/100/1000Mbps + 2 SFP Port 16 Port 802.3at/802.3af Gigabit PoE port Power Budget up to 130W L2+ Smart manage features Support 802.3az Energy Efficient Ethernet AC.TOP manage including the channel, Tx Power ,security	1		
6	Network Switch 8 Port POE (Power over Ethernet)	8-Port 10/100/1000Mbps + 2 Port SFP Port 8 Port 802.3at/802.3af Gigabit PoE port Power Budget up to 130W L2+ Smart manage features Support 802.3az Energy Efficient Ethernet AC.TOP manage including the channel, Tx Power ,security	1		

7	Display Screen	40" inch HD TV screen <ul style="list-style-type: none"> • Video: PAL / NTSC color composite 1.0Vp-p • LCD: 17 diagonal, 0.66 mm Stripe pitch • Resolution: 1280 / 1024 pixels • Contrast Ration: 500: 1 • Viewing angle : 140 degree horizontal, 130 degree vertical • Power Input: 90 – 260 VAC, 50/60 Hz Consumption: 40 Watts 	1		
8	Cat6 UTP Cable	Unshielded Twisted Pair, Category 6, TIA / EIA* 568-C.2 & ISO/IEC 11801 23 AWG solid bare copper Box of 305 meters	1 Roll		
9	Dummy Camera	Should look similar to the supplied cameras	5 nos		
10	Installation & configurations	- Complete Installation and configurations including RJ-45 connector, Power Cable, Extension cord, HDMI cable etc.	8 CCTV		

