

**SUPPLY, INSTALLATION AND COMMISSION OF CCTV CAMERAS AT PERFORMING ARTS CENTER OF FREESTATE**

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<b>BILL NO 1</b>				
	<b>CCTV SYSTEMS</b>				
	<u>CCTV camera systems to be carried out by specialist. All specifications and installations are to be approved by the client's representative prior to purchasing and installation. Final Account is re-measurable. No claims arising from works carried out prior to approval will be entertained.</u>				
1	64 Channel NVR 320Mbps WITH NO POE	No	3		
2	Seagate SkyHawk surveillance 10TB hard drive	No	25		
3	FUBEB 27U floor Standing 600x800mm Cabinet 4 FABS 3 Shelves	No	2		
4	UPS 3KVA 1800 watts 4x12V 9AH Internal	No	2		
5	Mecer 55 FHD HD LED Monitor	No	4		
6	CD 52-1 Entry level CCTV workstation	No	2		
7	CD 52-2 Mid level CCTV workstation (64 Max cameras)	No	2		
8	CD 52-4 High End CCTV workstation	No	2		
9	CD 52-5 High End CCTV workstation Tower (Max 128+ cameras)	No	2		
10	IP PTZ Keyboard controller - USB - VMS - NVR -DVR	No	4		
11	2MP Pinhole cameras 3.7mm Fixed Lens 2m cable length	No	52		
12	4MP ColorVU and AcuSense bullet camera - 4mm Fixed lens	No	62		
13	2MP Mini Dome cameras - built in MIC	No	12		
14	2MP Outdoor PTZ camera - IR 150m 25x OZ IP66	No	16		
15	PTZ Wall mount bracket - White	No.	7		
16	PTZ Pendant mount bracket - White	No	1		
17	4U 300+200mm Collar Swing Frame wall box including Fans and Power Black	No	16		
18	UPS 1.2KVA 360 watts 1x 12V 7AH Internal	No	16		
19	UTEPO 16 port 10/100 POE + 2GB TP +1GB SFP	No	5		
20	16 Port GIGABIT unmanaged POE switch	No	1		
21	8 Port GIGABIT unmanaged POE switch	No	7		
22	4 Port Fast Ethernet Smart POE Switch	No	1		
23	10m HDMI 2.0 Cable 4KMale to Male	No	2		
24	Cable CAT6E UTP BC 500m	roll	3		
25	Connector CAT6 RJ45 for Indoor STP	per	100		
26	Connector Boot RJ45 Grey	per	100		
27	Issuce COC	hours	24		
	<b>Sub Total A</b>				

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Balance brought forward				
28	Provisional Sum - Shop and As Built drawings (Electrical & Electronics)	hours	24		
	<b>SUB TOTAL</b>				
29	PRELIMINARIES AND GENERAL	Item	1		
	<b>SUB TOTAL</b>				
	ADD VAT 15%	15%			
	<b>TOTAL CONSTRUCTION COST INCLUDING INSTALLATION &amp; COC</b>				