

	CONTRACTOR	
	Park Station Centre Management Offices	
	05/10/2023	
	PARK STATION	

1. PROJECTS

Centre Management Offices Video Conferencing and project system

2. BACKGROUND

Park Station Centre Management and Gauteng South Region have recently relocated to newly refurbished offices inside Park Station due to Tippet Building being allocated to a private developer. The new offices require a video conferencing and projecting system installed in the 3 boardrooms.

3. SCOPE OF SERVICES

- 1 x 65 Inch Monitor
- 1. X 65-inch Monitor
 - MS Teams Computer/engine (I5-8500,8G DDR4,128G SSD, Win10) with Wireless Projection.
 - 1 x Camera (Minimum 4K for the size of the Boardroom) with Voice Recognition
 - Touch Controller Unit.
 - Mics to cover the whole room.
 - Speakers to cover the whole room.
- 2 X 105 -inch Monitor
 - MS Teams Computer/engine (I5-8500,8G DDR4,128G SSD, Win10) with Wireless Projection.
 - 1 x Camera (Minimum 4K for the size of the Boardroom) with Voice Recognition
 - Touch Controller Unit.
 - Mics to cover the whole room.
 - Speakers to cover the whole room.



Boardroom Size	Requirements (minimum)	Notes	Quantity	Rate	Amount excl Vat
Reception	1. 65 – Inch Monitor		1		
6 seater Meeting Room- (3.1m x 5.9m) Stand-alone video conferencing	2. 65-Inch Monitor 3. MS Teams Computer/engine (I5-8500,8G DDR4,128G SSD, Win10) with Wireless Projection 4. 1 x Camera (Minimum 4K for the size of the Boardroom) with Voice Recognition 5. Touch Controller Unit 6. Mics to cover the whole room 7. Speakers to cover the whole room	The bidders must include all equipment required to make the solution fully functional in the room. Screen to be mounted and secured on the wall. Stand alone video conferencing	1		
35-seater Boardroom 1- (5m x 13m) Boardroom 2- (5.0m x 9.5m) Stand-alone video conferencing	8. 105 -Inch Monitor 9. MS Teams Computer/engine (I5-8500,8G DDR4,128G SSD, Win10) with Wireless Projection 10. 1 x Camera (Minimum 4K for the size of the Boardroom) with Voice Recognition 11. Touch Controller Unit 12. Mics to cover the whole room 13. Speakers to cover the whole room	The bidders must include all equipment required to make the solution fully functional in the room. Monitor to be mounted and secured on the wall. Standalone video conferencing	2		
Subtotal					
Contingency@10%					
Subtotal					
Vat @15%					
Total					

NB:

Video Conferencing

- Compatible with conference software such as Zoom, Teams, and Webex.

- The bidding product must support intelligent speaker tracking function, using sound source positioning and face recognition technology, automatically switch the speaker close-up picture without manual intervention.
- The bidding product must support adaptive panoramic shooting, the system can be automatically adjusted according to the number of participants and location, the panoramic screen should cover all participants, and ensure that the participants are displayed in the middle.
- The bidding product should support built-in linear microphone arrays ,the pickup radius is not less than 5 meters, and the audio pickup is not less than 180° forward.
- The bidding product should support video+presentation with 1080p 30fps+1080p 30fps, 1080p 30fps+4K 8fps
- The bidding product must support wireless projection code function. It is not necessary to input the terminal IP address, and the mobile or PC can be shared to terminal by the projection code
- The bidding product must support wireless presentation sharing of the PC desktop by transmitter. The video resolution is not less than 4K and support audio transmission.
- The bidding product should support mobile device wireless projection function, mobile device's projection content can be sent to the remote site, the video clarity is not less than 1080P
- The bidding product should support acoustic baffle function, which allows users to define the sound pickup scope to eliminate the impact of ambient noise during the conference.
- The bidding product must support connection with wireless keyboard and mouse, which can be used to operate the bidding product.

The product must support various control functions, including:

- Apply or release chairman right
- Wakeup or sleep device
- Control volume
- Control camera
- Share presentation
- Call or disconnect sites
- View site
- Voice activation
- Mute or unmute microphones
- Extend or end a conference

HD Camera:

- **Supports at least 1080p 60fps and 12x optical zoom**
- **Supports a horizontal viewing angle of at least 80° without adding an external wide-angle lens.**

Microphone:

- **Compact design with omnidirectional, 5-meter voice pickup distance and 360°voice pickup range.**
- **Supports automatic echo cancellation (AEC), automatic gain control (AGC), and automatic noise suppression (ANS).**
- **The sampling rate is not less than 48 kHz.**
- **Supports cascading of three microphone arrays to meet various application requirements for different-sized conference rooms.**

Other:

- **Support and licencing based on 36 month period**