Detailed Technical Specifications For Digital Banner

Bidders must supply equipment that meets the following minimum threshold parameters. Bidders must explicitly attach a technical data sheet validating these requirements:

The evaluation process will be conducted in two stages as given on the table below

Stage	Description
Stage 1	Technical Requirement
Stage 2	Price and specific goals

Stage 1: Technical Requirement

Technical Parameter	Technical Requirement
Display Technology	Synchronous/Asynchronous Indoor LED Poster Display
Pixel Pitch	P1.86mm to P2.5mm maximum (for optimal close-range text readability)
Brightness	800 to 1,200 nits (cd/m²); must feature automatic or manual ambient dimming
Refresh Rate	≥ 3,840 Hz (Strictly broadcast grade to prevent flicker/black lines on mobile cameras)
Greyscale / Colors	Minimum 14-bit to 16-bit processing depth
Viewing Angle	Horizontal: ≥ 160°; Vertical: ≥ 140°
Physical Dimensions	Height: ~1,900mm to 2,000mm | Width: ~570mm to 640mm per panel
Mobility & Setup	Slimline aluminum frame design equipped with heavy-duty locking castor wheels
Ingress Protection	Minimum IP20 / IP40 (Indoor environment dust protection)
Connectivity Ports	1x HDMI Input, 1x HDMI Output (Cascading), 2x USB ports, 1x LAN (RJ45)
Control Interface	Integrated Media Player supporting Wi-Fi, USB Plug-and-Play, and Cloud Control via App

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Cascading Capability	Must support native multi-screen cascading (ability to connect to 6 panels via HDMI to act seamlessly as a single widescreen/video wall matrix)
Power Consumption	Average power consumption ≤ 200W per m² | Max power ≤ 600W per m²
Operating Voltage	Standard South African 220V–240V AC, 50Hz
Warranty and After-Sales Service	Service provider must offer standard warranty and after-sales service for a period of two (2) years
Delivery and assembly	The service provider must deliver and assemble the banner

N.B: Failure to comply with the above technical requirement specification will result in disqualification and bidder will not be evaluated further

Stage 2: Price evaluation (80 points)

Criteria	Points
Price evaluation $Ps = 80\left(1-\frac{Pt-P\min}{P\min}\right)$	80

The following formula will be used to calculate the points for price:

Where:

Ps = Points scored for comparative price of bid under consideration

Pt = Comparative price of bid under consideration

Pmin = Comparative price of lowest acceptable bid

6.2.2 POINTS AWARDED FOR SPECIFIC GOALS (20 POINTS)

The specific goals allocated points in terms of this bid	Number of points allocated (80/20 preference point system)	Percentage ownership equity (To be completed by Tenderer)	Number of points claimed (80/20 preference point system) (To be completed by Tenderer)
Black	**10**		
Women	**5**		

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Disability	**2**		
Youth (35 years and below)	**3**		

a. Stats SA reserves the right to require of the bidder, either before a tender is adjudicated or any time subsequently, to substantiate any claim regarding preferences in any manner required.

b. The following formula must be applied to calculate the number of points for Black, Women, Disability, Youth.

Where:

$$SG = W\ X\ \frac{POE}{100}$$

SG = Points awarded for specific goals

W = The number of points allocated for preference points

POE = The percentage of equity ownership by bidder

c. Bidders who wish to claim points in terms of the table above, need to provide proof for each point claimed as guided below:

i. Race: (Black) -attach copy of company registration document which shows ownership percentage (CIPC), BBBEE Certificate/Sworn affidavit, CSD report to show /substantiate ownership equity.

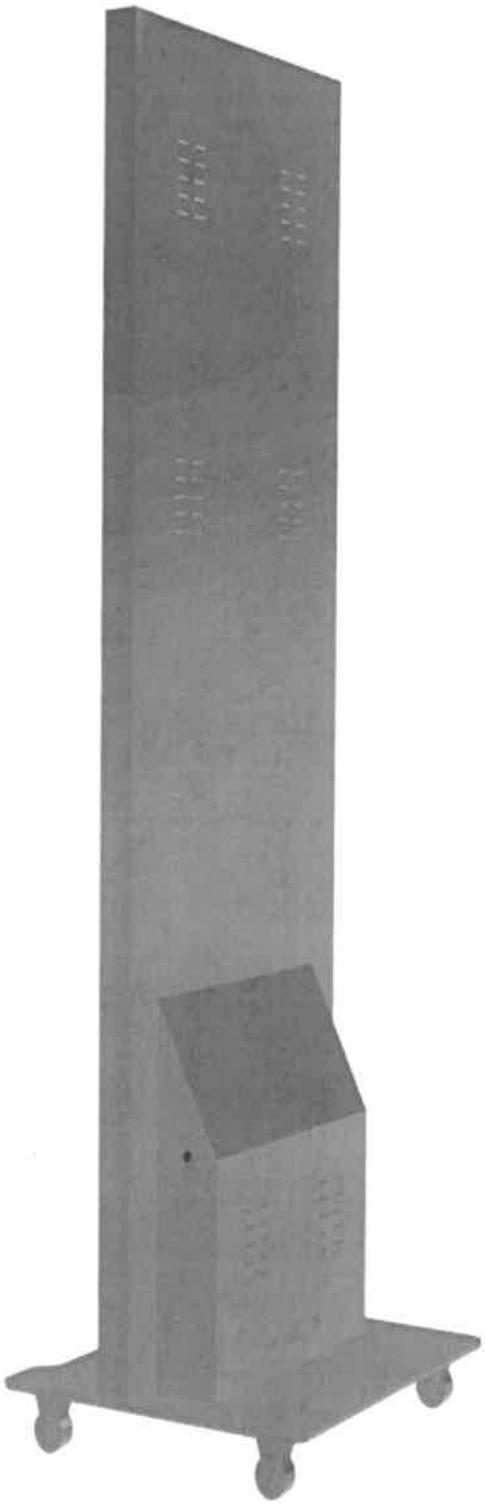
ii. Women: - attach copy of company registration document which shows ownership percentage (CIPC), BBBEE Certificate/Sworn affidavit, CSD report to show/ substantiate ownership equity.

iii. Disability – attach medical certificate from a medical practitioner registered with the Health Professional Council of South Africa (HPCSA) confirming the disability.

iv. Youth – attach company of registration document which shows ownership percentage (CIPC), BBBEE Certificate/Sworn affidavit, CSD report to show substantiate ownership equity.

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