

# BID FOR: SUPPLY, INSTALL, AND UPGRADE THE SOUND EQUIPMENT IN THE OPERA THEATRE AT THE PLAYHOUSE COMPANY, DURBAN.

**BID NUMBER: PHC 87/2024** 

The Playhouse Company	The Playhouse Company					
The KwaZulu-Natal Performing Arts Company	The KwaZulu-Natal Performing Arts Company					
Contact: Mr. Siya Manqele	Contact: Mrs. Kay Khan					
Email: accountingassistant@playhousecompany.com						
Tel: (031) 369 9507	Tel: (031) 369 9425					
Fax: (031) 306 2166	Fax: (031) 306 2166					
Name of bidder:						
Tender amount (VAT Inclusive): R						

Closing date : 22 March 2024

Time : 11:00 am

Validity period: 90 days from closing date

BIDDERS ARE RESPONSIBLE TO ENSURE THAT THE BID DOCUMENTS ARE COMPLETE AND ALL PAGES ARE SECURELY ATTACHED.

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## PART A INVITATION TO BID YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF DEPARTMENT/ PUBLIC ENTITY)

TOU ARE HEREBT II	NVIIE	D TO BID FOR REQUIRE	INENTS OF THE (NAME C	IF DEPARTI	MENT/ PUBLIC EN		201110		
BID NUMBER:	PHC	87/2024	CLOSING DATE:		22 March 2024	TIM	osing IE:	11:00am	
DESCRIPTION			RADE THE SOUND EQUIP	MENT IN T	HE OPERA THEAT	RE A	THE PLAY	HOUSE	
BID RESPONSE DOC		PANY, DURBAN. <b>NTS MAY BE DEPOSITE</b> D	O IN THE BID BOX SITUA	TED AT (ST	REET ADDRESS)				
The Playhouse Com				,	,				
29 Acutt Street									
Durban central									
4001									
BIDDING PROCEDUR	RE EN	QUIRIES MAY BE DIREC	TED TO	TECHNICA	AL ENQUIRIES MA	AY BE	DIRECTED	ГО:	
CONTACT PERSON		Siya Manqele		CONTACT	PERSON				
TELEPHONE NUMBE	₽R	031-369 9507		TELEPHO	NE NUMBER				
E-MAIL ADDRESS		accountingassistant@pla	yhousecompany.com	E-MAIL AD	DRESS				
SUPPLIER INFORMA	ATION								
NAME OF BIDDER									
POSTAL ADDRESS									
STREET ADDRESS			T		_				
TELEPHONE NUMBE	₽R	CODE			NUMBER				
CELLPHONE NUMBE	R								
FACSIMILE NUMBER	₹	CODE			NUMBER				
E-MAIL ADDRESS									
VAT REGISTRAT	TION								
NUMBER SUPPLIER		TAX COMPLIANCE			CENTRAL				
COMPLIANCE STATU	JS	SYSTEM PIN:		OR	SUPPLIER				
				• · · ·	DATABASE No:	MAAA	4		
					1				
ARE YOU THE ACCREDITED				ARF YOU	A FOREIGN BASE	-D	□ V <sub>2</sub> ,	. $\Box$	Na
REPRESENTATIVE II		□Yes □	SUPPLIER FOR THE GOODS			Yes	• 🗀	No	
SOUTH AFRICA FOR THE GOODS /SERVIO		_		/SERVICE	S OFFERED?		[IF YES, AN		
OFFERED?	CLS	[IF YES ENCLOSE PROC	OF]				QUESTION	NAIRE BEL	.OWJ
QUESTIONNAIRE TO	BIDD	ING FOREIGN SUPPLIEF	RS						
IS THE ENTITY A RE	SIDEN	IT OF THE REPUBLIC OF	SOUTH AFRICA (RSA)?				☐ YES	Пио	
		A BRANCH IN THE RSA?	,				 ☐ YES		
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?									
		ANY SOURCE OF INCOM	-				<del></del>	□NO	
		THE RSA FOR ANY FORM	_					□ NO	
IF THE ANSWER IS	"NO"	TO ALL OF THE ABOVE	, THEN IT IS NOT A REQ				TAX COMPL	IANCE STA	ATUS
SYSTEM PIN CODE I	FKOM	THE SOUTH AFRICAN R	EVENUE SERVICE (SAR	S) AND IF N	UI REGISTER AS	PER	2.3 BELOW.		

### PART B TERMS AND CONDITIONS FOR BIDDING

#### 1. BID SUBMISSION:

- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED (NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.
- 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
- 1.4. THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).

#### 2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.
- 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED; EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
- 2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PA	RTICULARS MAY RENDER THE BID INVALID.
SIGNATURE OF BIDDER:	
CAPACITY UNDER WHICH THIS BID IS SIGNED: (Proof of authority must be submitted e.g. company resolution)	
DATE:	

#### **SECTION 2: SPECIAL INSTRUCTIONS TO BIDDERS**

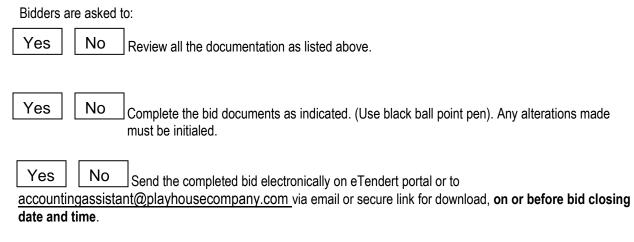
#### 1. RESPONSIVENESS CRITERIA

The Playhouse Company will consider no BID unless it meets the following responsiveness criteria. If a NO response is indicated for any one of the items below, the BID WILL BE DISQUALIFIED:

Yes	No	Bids must be submitted electronically on eTender portal or to <a href="mailto:accountingassistant@playhousecompany.com">accountingassistant@playhousecompany.com</a> via email or a secure link for download on or before the deadline, clearly indicating the <a href="mailto:description">description of the service</a> and the <a href="mailto:Bid number">Bid number</a> for which the BID is submitted.
Yes	No	A <u>Valid Tax Clearance Certificate or SARS issued pin</u> must be submitted with the Bid on or before the closing time and date of the Bid.
Yes	No	Bid forms must be completed in <u>full.</u>
Yes	No	Certified copy of the company registration certificate must be submitted together with the Bid documents on or before the closing time and date of the Bid.
Yes	No	Copies of Identity Documents of Members/ Shareholders/ Partners.
Yes	No	Past <u>3 years audited</u> financial statements attached.
Yes	No	Financial ability to execute the contract.
Yes	No	CSD Registration report submitted.

#### 2. BID PROCEDURES AND INSTRUCTIONS

In the procedures described below, kindly interpret the singular to include the plural. (A list of contact telephone numbers appear at the end of this section and on the cover).



No bids will be accepted after the cut-off time.

Bids submitted will be reviewed in accordance with our SCM Policy, National Treasury Regulations and the PFMA and the PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2011, THE GENERAL CONDITIONS OF CONTRACT (GCC)

Acceptance of contract of Agreement shall be simultaneous with the award of the bid to the successful bidder.

There shall be a **public opening** of the Bids received, with the **names of the bidders announced only** and a list of the bids received will be published on The Playhouse Company website. There shall be no discussions with any enterprise until evaluation of the bid has been complete. Any subsequent discussions shall be at the discretion of The Playhouse Company. Unless specifically provided for in the bid document, bids submitted by means of telegram, telex, facsimile or similar means shall not be considered.

#### **SECTION 3: TAX CLEARANCE REQUIREMENTS**

SBD 2

It is a condition of bid that the taxes of the successful bidder <u>must</u> be in order, or that satisfactory arrangements have been made with South African Revenue Services (SARS) to meet the bidder's tax obligations.

- 1. In order to meet this requirement bidders are required to complete in full the attached form TCC 001 "Application for a Tax Clearance Certificate" and submit it to any SARS branch office nationally. The Tax Clearance Certificate Requirements are also applicable to Foreign bidders/individuals who wish to submit bids.
- 2. SARS will then furnish the bidder with a Tax Clearance Certificate or SARS Issued pin that will be valid for a period of 1 (one) year from the date of approval.
- 3. The original tax clearance certificate or SARS Issued pin must be submitted together with the bid. Failure to submit a compliant tax status will result in invalidation of the bid.
- 4. In bids where Consortia/Joint Ventures/Sub-contractors are involved, each party must submit a separate tax clearance certificate.
- 5. Copies of the TCC 001 "Application for a tax clearance certificate" form are available from any SARS branch office nationally or on the website <a href="https://www.sars.gov.za">www.sars.gov.za</a>
- 6. Applications for the tax clearance certificate may also be made via eFiling. In order to use this provision, taxpayers will need to register with SARS as eFilers through the website www.sars.gov.za

Section 4: APPLICATION FOR TAX CLEARANCE CERTIFICATE
Refer to Annexure A

#### SECTION 5: INFORMATION FOR SERVICE PROVIDERS

#### 1. BACKGROUND

The Playhouse Company comprises prime live theatre venues in the Province of KwaZulu Natal (KZN). The Playhouse Company is situated in the heart of Durban Central Business District. It is a multi venue complex housed within Tudor and Moorish style buildings. The theatres were restored to their former glory and were combined to form KwaZulu Natal's live entertainment complex known as The Playhouse Company which re-opened in 1986. The Playhouse Company employs its resources and facilities for a variety of artistic programs. The objectives of The Playhouse Company are to:

Empower talented, gifted and previously disadvantage people of the Province of KwaZulu Natal
To provide artistic skills through projects and programs.
To create an environment that will nurture growth, innovation and excellence in all performance art forms and
Ultimately to contribute towards a vibrant culture in the leisure and entertainment industry that will provide employment to cultural practitioners in the region as well as make a significant contribution to KwaZulu Natal.

The KwaZulu-Natal Performing Arts Company trading as The Playhouse Company was declared a Cultural Institution by the Minister of Arts Culture, Science & Technology in March 2003, in terms of Section 3 (1) of the Cultural Institutions Act 1998 (Act No 119 of 1998)

The Playhouse Company is a Schedule 3 Public Entity classified in terms of the Public Financial Management Act. The Playhouse Company was de-registered for VAT by SARS effective 31/03/2005 as for all such Public Entities.

#### 2. REQUIREMENT OF THE BID

The requirement of this bid is for the provision of services/goods as stated on the cover page.

#### 2.1 TERMS OF ENGAGEMENT

The bid will be for the duration of the services/goods as stated on the cover page. The timelines are as follows:

1. Placing of advert 29 February 2024

2. Compulsory site briefing 05 March 2024 @10:00am 3. Closing of tender 22 March 2024 @11:00am

4. Tender award to successful bidder 01 May 2024

5. Contractor commencement 01 May 2024

We do not guarantee that the award date and contract commencement date will materialise as indicated, we reserve the right to change them as and when required.

#### 2.2 SCOPE OF WORK

Refer to SECTION 17 for detailed documentation and instructions.

#### 3. REQUIRED BIDDING FORMAT AND CONTENT

The bid should include at least the following information:

#### 1. First / Front page listing clearly:

- 1. Service Provider's registered name of company and company registration number.
- 2. Contact details for tender clarifications purposes (person/s name, telephone, cell phone and fax numbers, e-mail address, physical and postal addresses)

#### 2. Description of business:

- 1. The bidder's business outline (focus area, turnover, profit, structure, shareholding, information technology, staff training etc.)
  - 1.1. Involvement of SMME/s
  - 1.2. Location of Business Base

#### 3. Track Record

3.1 Yes No Similar contracts performed or currently being performed (experience within the industry). A minimum of five (5) current references for verification purposes.

Company Name	Contact Person	Contact Number	Contract Value
1.			
2.			
۷.			
3.			
4.			
5.			

3.2	Yes	No	Client references to be submitted including individual names and contact telephone numbers.
	The b	idder's peri	mission is required by The Playhouse Company to pursue references on the Contractors
	perfor	mance	

#### 4. Financial bid should provide as much detail as possible.

4.1 See section 17 for financial proposal.



- 5.1 Organogram of management and ownership.
- 1. Partner/s or Director/s with detailed CV/s.
- 2. Summary CV/s (experience, skills, qualifications) of senior supervisory individuals.

#### 6. Commencement of contract

6.1. Yes No The successful service provider will be required to commence with the services as per the dates detailed under 2.1 Terms of Engagement above.

#### **SECTION 6: CONTRACTUAL DOCUMENTATION**

Contractual documentation required in respect of the tender are as follows:-

Yes No Proof of insurance – Public Liability Insurance

#### SECTION 7: REGISTRATION OF SUPPLIERS ON THE PLAYHOUSE COMPANY DATABASE

Suppliers must be registered on the National Treasury's Central Supplier Database (CSD) on www.csd.gov.za.

1.	OWNERSHIP				
1.1	Is there equity ownership by BEE?  YES / NO				
1.2	Is this a joint Venture Entity? YES / NO				
1.3	If 1.1 or 1.2 is yes, provide names of	Black partners hereunder a	and % shareholding/ holding compa	any:	
		%		%	
		%		%	

#### 2. **EXECUTIVE MANAGEMENT & BOARD MEMBERS' INVOLVEMENT**

2.1

Full Name	ID Number	SA Citizen before 27/4/94 Yes/No	Capacity: Member/ Partner/ Shareholder/ Trustee/ Beneficiary	% Owner ship/Part nership/ Trust/ Interest	M/F	Disabled Yes/No	HDI Yes/ No	(*) Race W/B/ I/C/ Other	%of Time devoted to the Business

(*) NB: The request for the Race of a person herein is required for STATISTICAL PURPOSES ONLY and is not intended to
prejudice any Service Provider in any manner whatsoever.
LECEND

LEGE	טאו
(M) -	Male

(F) – Female

(W) – White (B) – Black (I) – Indian (C) – Coloured

2.2 What percentage comprises Black Senior Management? .....

3.	<b>HUMAN</b>	<b>RESO</b>	URCES
----	--------------	-------------	-------

- 3.1 Is there an Employment Equity plan in your organisation YES / NO
- 3.1.1 If yes, indicate the DOL (Dept of Labour) status with regard to the plan and attach relevant certificate:
- 3.2 Please complete the following Employment Equity Statistics:

Occupational Levels	MALE			FEMALE				TOTAL	
	В	W	С	1	В	W	С	I	
Top Management									
Senior Management									
Professionally qualified experienced specialists and mid management									
Skilled technical and academically qualified workers, junior management, supervisors, superintendents									
Semi-skilled and discretionary decision making									
Unskilled and defined decision making									
TOTAL									

Key: B – Black, W – White, C – Coloured, I – Indian

3.3	Skills development expenditure as a proportion of total payroll:	
3.3.1	What is the total payroll per annum	R

3.3.2 What is the total training expenditure for the past financial year  ${\bf R}\,$ 

4.	INDIRECT EMPOWE	RMENT						
4.1	Does your company have a Preferential Procurement Policy? YES/NO And if so do you have a scorecard to measure that?							
4.2	What percentage of goods/services were sourced from Black suppliers with a Dept of Trade and Industry weighted average of 20% and above in the past twelve months%							
4.3	Have you invested or	offered business and non-busi	ness rela	ted support to BEE con	npanies YES/NO			
	If yes, state:							
Con	npany	Total Assets		Nature of Investment	t/Support			
5.	SMME STATUS							
	al full-time paid bloyees	Total annual turnover		gross asset value property excluded)	REMARKS (for office use)			
6.	TRADE REFERENCE	ES .						
	Please provide at leas	at three trade references:						
Clie	nt	Contact Person	Conta	act Number	Account Number			
I herek	by declare the information	n provided above and containe	d in the (	CSD Report is true and	correct.			
FOR A	AND ON BEHALF OF TH	IE APPLICANT COMPANY		DATE				
NAME	OF SIGNATORY							
CAPA	CITY OF SIGNATORY (	POSITION HELD IN COMPAN	IY)					

#### SECTION 8: PRICING SCHEDULE – FIRM PRICES (PURCHASES)

#### NOTE: A SEPARATE PRICING SCHEDULE MUST BE SUBMITTED.

NAME OF	BIDDER:			BID NO.: PHC 87/20	<u> </u>
CLOSING	DATE: 22 March 2024			CLOSING TIME 11:0	0 AM
OFFER TO	BE VALID FORDA	YS FROM THE C	CLOSING DATE OF	BID.	
TEM IO	DESC	CRIPTION		CE IN RSA CURRENCY PLICABLE TAXES INCL	
Item No.	Item Description	Qty	Unit Price	Total Price (VAT exclusive)	Total Price (VAT inclusive)
				G.K.G.W.G.Y.G.Y	
Require b	y:				
At:					
Brand and	d model				
Country o	f origin				
	offer comply with the specificationecification, indicate deviation(s			*YES/NO	
Period red	quired for delivery				
Method of	f delivery				
	f delivery				

#### 1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

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2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest1 in the enterprise, employed by the state?

YES/NO

2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

2.2	Do you, or any person connected with the bidder, have a relationship with any person who is emprocuring institution?	nployed by the E <b>S/NO</b>					
2.2.1	If so, furnish particulars:						

<sup>1</sup> the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

2.3		areholders / members / partners or any person having a controlling other related enterprise whether or not they are bidding for this YES/NO
2.3.1	If so, furnish particulars:	
3	DECLARATION	
	I, the undersigned, (name)accompanying bid, do hereby make the following st	in submitting the atements that I certify to be true and complete in every respect:
3.1 3.2	I have read and I understand the contents of this di I understand that the accompanying bid will be disc every respect;	sclosure; qualified if this disclosure is found not to be true and complete in
3.3	The bidder has arrived at the accompanying bid	independently from, and without consultation, communication, lowever, communication between partners in a joint venture or
3.4	In addition, there have been no consultations, corregarding the quality, quantity, specifications, prices	mmunications, agreements or arrangements with any competitor s, including methods, factors or formulas used to calculate prices, t or not to submit the bid, bidding with the intention not to win the
3.4	The terms of the accompanying bid have not been any competitor, prior to the date and time of the offi	, and will not be, disclosed by the bidder, directly or indirectly, to cial bid opening or of the awarding of the contract.
3.5	of the procuring institution in relation to this procur	, agreements or arrangements made by the bidder with any official ement process prior to and during the bidding process except to required by the institution; and the bidder was not involved in the or this bid.
3.6	related to bids and contracts, bids that are suspiciou and possible imposition of administrative penalties or may be reported to the National Prosecuting Au	o any other remedy provided to combat any restrictive practices s will be reported to the Competition Commission for investigation in terms of section 59 of the Competition Act No 89 of 1998 and othority (NPA) for criminal investigation and or may be restricted a period not exceeding ten (10) years in terms of the Prevention 1004 or any other applicable legislation.
	I ACCEPT THAT THE STATE MAY REJECT THE	D IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT. BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF EVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN PATION PROVE TO BE FALSE.
	Signature	Date
	Position	Name of bidder

<sup>2</sup> Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

#### **SECTION 10: SITE INSPECTION CERTIFICATE**

NB: THIS FORM IS ONLY TO BE INCLUDED AND COMPLETED WHEN APPLICABLE TO THE BID.
Site/building/institution involved:
Bid no:
Service:
THIS IS TO CERTIFY THAT (NAME)
ON BEHALF OF
VISITED AND INSPECTED THE SITE ON (DATE)
AND IS THEREFORE FAMILIAR WITH THE CIRCUMSTANCES AND THE SCOPE OF THE SEVICE TO BI RENDERED.
SIGNATURE OF SERVICE PROVIDER OR AUTHORISED REPRESENTATIVE (PRINT NAME)
DATE:
SIGNATURE OF DEPARTMENTAL REPRESENTATIVE (PRINT NAME)
DEPARTMENTAL STAMP (OPTIONAL)
DATE:

#### **SECTION 11: EVALUATION CRITERIA**

Evaluation of the bid responses will be done in 3 phases (referred to as gate 0, gate I and gate II) and is based on predetermined weightings.

#### ☐ GATE 0: Prequalification gate

- 1. Central Supplier Registration (CSD).
- 2. SARS Issued pin or Valid Tax Clearance Certificate.
- 3. Recent audited financial statements for the past 3 years.
- 4. Completed and signed SBD documents.
- 5. Guarantee on equipment, minimum of 2 years from date oh handover.
- 6. Confirmation that training will be provided.
- 7. Provide 24/7 support and service.

Please note: Failure to submit the mandatory documentation and information stated above will result to the bid failing the PPPFMA Evaluation

#### ☐ GATE I: Technical Evaluation

- 1. Only bids with all information supplied in SECTION 12 as requested will be evaluated in Gate I (Technical).
- 2. A minimum of **75%** on the Gate I Technical Evaluation is required for bids to be considered for Gate II evaluation.

#### Financial analysis:

Bids that pass through gate I will be evaluated for financial stability, capability and ability to execute the contract

#### ☐ GATE II: PPPFMA 80/20 Evaluation

- 1. Only bids achieving the minimum GATE I technical evaluation pass rate will be considered for Gate II evaluation.
- 2. The Gate II evaluation will be conducted according to PPPFMA treasury act rules.

Price 80 points

Specific Goals 20 points

18

#### **SECTION 12: FUNCTIONALITY EVALUATION CRITERIA**

Functionality covers the bidder's technical competency, capability, experience and financial proposal.

Bidders scoring less than 75 out of 100 will be regarded as having submitted a non-responsive bid and will be disqualified. All bidders that score 75 points or more will be evaluated further on points for price and special goals in terms of the 80/20 system.

Please indicate under REFERENCE where the relevant supporting documentation to score you points can be found in your submission.

Quality criteria	Sub-criteria	Weight	Reference
1. Technical competence	<ol> <li>Live demo presentation of the mixing console demonstrating the following:         <ul> <li>Have a high channel count no less than</li> <li>128 simultaneous input channels @96kHz = 5 Points</li> <li>48 mix buses = 5 Points</li> <li>24 matrices (support input to matrix) = 5 Points</li> <li>Dante expansion card 128Ch Bi-directional = 5 Points</li> <li>With delay compensation from the input to the output stage = 5 Points</li> <li>Able to be integrated with our Recording Studio = 5 Points</li> <li>The mixing console should have a compatible personal monitor mixer optional card fitted = 5 Points</li> </ul> </li> <li>The mixing console should have no less than 12" high-definition full colour touch screen = 5 Points</li> <li>The console should have redundant PSU = 5 Points</li> <li>The console to be accompanied by a tablet with an installed remote mixing app = 5 Points</li> <li>All Cabling need to be durable and of high quality = 5 Points</li> <li>The bidder submitted a comprehensive line-item budget (BOQ) inclusive of VAT = 5 points</li> <li>Project timelines from installation to completion, indicating the different phases of the project = 5 points, i.e.:         <ul> <li>Sourcing</li> <li>Installation</li> <li>Commissioning</li> <li>Training</li> </ul> </li> <li>Full points will be awarded if all requirements of each criteria are met.</li> </ol>	65	
2. Capability	Resumé of the Project Manager on-site with between 3 and 5 years' relevant experience in sound equipment installation: 5 years and more = 10 points 4 years = 8 points 3 years = 6 points Less than 3 years = 0 points	10	

3. Track record and previous experience	The bidder must provide digital mixing console us than five (5) years).  Point will be awarded be engagements conducted.	nits and digital wire ased on number of d within the last fiv	eless micr Fletters ar e years:	ophone sy	stems (not	t older	15	
		Reference letters						
		Last 0-3 years	Last	3-4 years	Last 4	-5 years		
	5 reference letters	15		10		5		
	4 reference letters	12		8		4		
	3 reference letters	9		6		3		
	2 reference letters	6		4		2		
	1 reference letter	3		2		1		
	0 reference letters	0		0		0		
	The reference letters in contact number, e-mail duly signed.							
4. Financial capability	The bidder is financially project. The bidder dem			al capabilit	y to execu	te the	10	
			Year 1	Year 2	Year 3	Total points		
	Unqualified audit repo		1	1	1	3		
	Positive cashflow in the		1	1	1	3		
	No deposit or upfront pa		1 point	1	1	3		
Total Score							100	

#### SECTION 13: DECLARATION OF SERVICE PROVIDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES SBD 8

- 1. This Standard Bidding Document must form part of all bids invited.
- 2. It serves as a declaration to be used by institutions in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
- 3. The bid of any bidder may be disregarded if that bidder, or any of its directors have
  - a. abused the institution's supply chain management system;
  - b. committed fraud or any other improper conduct in relation to such system; or
  - c. failed to perform on any previous contract.
- 4. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

Question	Yes	No
Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector?	Yes	No
(Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the <i>audi alteram partem</i> rule was applied)		
The Database of Restricted Suppliers now resides on the National Treasury's website( <a href="www.treasury.gov.za">www.treasury.gov.za</a> ) and can be accessed by clicking on its link at the bottom of the home page.		
If so, furnish particulars:		
Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?	Yes	No
The Register for Tender Defaulters can be accessed on the National Treasury's website ( <a href="www.treasury.gov.za">www.treasury.gov.za</a> ) by clicking on its link at the bottom of the home page.		
If so, furnish particulars:		
Was the bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years?	Yes	No
If so, furnish particulars:		
	Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector?  (Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the audi alteram partem rule was applied)  The Database of Restricted Suppliers now resides on the National Treasury's website(www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.  If so, furnish particulars:  Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?  The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.  If so, furnish particulars:  Was the bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years?	Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector?  (Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the audi alteram partem rule was applied)  The Database of Restricted Suppliers now resides on the National Treasury's website( <a href="https://www.treasury.gov.za">www.treasury.gov.za</a> ) and can be accessed by clicking on its link at the bottom of the home page.  If so, furnish particulars:  Yes of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?  The Register for Tender Defaulters can be accessed on the National Treasury's website ( <a href="https://www.treasury.gov.za">www.treasury.gov.za</a> ) by clicking on its link at the bottom of the home page.  If so, furnish particulars:  Was the bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years?

4.4	Was any contract between the bidder and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract?	Yes	No
4.4.1	If so, furnish particulars:		

**Date** 

.......

Name of Bidder

Signature

**Position** 

CERTIFICATION			
I, THE UNDERSIGNED (FULL NAME)			
CERTIFY THAT THE INFORMATION FURNISHED ON THIS DECLARATION FORM IS TRUE AND CORRECT.			
I ACCEPT THAT, IN ADDITION TO CANCELLATION OF A CONTRACT, ACTION MAY BE TAKEN AGAINS SHOULD THIS DECLARATION PROVE TO BE FALSE.	T ME		

THIS FORM MUST BE FILLED IN DUPLICATE BY BOTH THE SERVICE PROVIDER (PART 1) AND THE PURCHASER (PART 2). BOTH FORMS MUST BE SIGNED IN THE ORIGINAL SO THAT THE SERVICE PROVIDER AND THE PURCHASER WOULD BE IN POSSESSION OF ORIGINALLY SIGNED CONTRACTS FOR THEIR RESPECTIVE RECORDS.

#### PART 1 (TO BE FILLED IN BY THE SERVICE PROVIDER)

1.	I hereby undertake to render services described in the attached bidding documents to (name of the
	institution) in accordance with the requirements and task directives / proposals
	specifications stipulated in Bid Number at the price/s quoted. My offer/s remain binding upon me
	and open for acceptance by the Purchaser during the validity period indicated and calculated from the closing date of
	the bid.

- 2. The following documents shall be deemed to form and be read and construed as part of this agreement:
  - (i) Bidding documents, viz
    - Invitation to bid;
    - Proof of tax compliance status;
    - Pricing schedule(s);
    - Filled in task directive/proposal;
    - Preference claim form for Preferential Procurement in terms of the Preferential Procurement Regulations;
    - Bidder's Disclosure form;
    - Special Conditions of Contract;
  - (ii) General Conditions of Contract; and
  - (iii) Other (specify)
- 3. I confirm that I have satisfied myself as to the correctness and validity of my bid; that the price(s) and rate(s) quoted cover all the services specified in the bidding documents; that the price(s) and rate(s) cover all my obligations and I accept that any mistakes regarding price(s) and rate(s) and calculations will be at my own risk.
- 4. I accept full responsibility for the proper execution and fulfilment of all obligations and conditions devolving on me under this agreement as the principal liable for the due fulfillment of this contract.
- 5. I declare that I have no participation in any collusive practices with any bidder or any other person regarding this or any other bid.
- 6. I confirm that I am duly authorised to sign this contract.

NAME (PRINT)	
IVAIVIE (I IXIIVI)	 WITNESSES
CAPACITY	 1
SIGNATURE	 
NAME OF FIRM	 2
DATE	

#### **CONTRACT FORM - RENDERING OF SERVICES**

#### PART 2 (TO BE FILLED IN BY THE PURCHASER)

1.	Iaccept your bid under reference indicated hereunder and/or further	ce numberdaf	ted	for the render	ring of services	
2.	An official order indicating service delivery instructions is forthcoming.					
3.	I undertake to make payment for twithin 30 (thirty) days after receipt		ordance with the te	rms and conditions	s of the contract,	
	DESCRIPTION OF SERVICE	PRICE (ALL APPLICABLE TAXES INCLUDED)	COMPLETION DATE	TOTAL PREFERENCE POINTS CLAIMED	POINTS CLAIMED FOR EACH SPECIFIC GOAL	
4.	I confirm that I am duly authorised	d to sign this contract.				
SIGNE	ED AT	ON				
NAME	(PRINT)					
SIGNA	ATURE					
OFFIC	CIAL STAMP			NESSES		
			1			
			2			

#### PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

#### 1. GENERAL CONDITIONS

- **1.1.** The following preference point systems are applicable to all bids:
  - the 80/20 system for requirements with a Rand value of up to R 50 000 000 (all applicable taxes included);
     and
  - the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).
- **1.2.** The value of this bid is estimated to not exceed R50 000 000 (all applicable taxes included) and therefore the 80/10 system shall be applicable.
- 1.3. Preference points for this bid shall be awarded for:
  - (a) Price: and
  - (b) Specific Goals.
- 1.4. The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20
Total points for Price and SPECIFIC GOALS	100

- 1.5. Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.
- 1.6. The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

#### 2. DEFINITIONS

- (a) "tender" means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) "price" means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) "rand value" means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) "tender for income-generating contracts" means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) "the Act" means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

#### 3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

#### 3.1. POINTS AWARDED FOR PRICE

#### 3.1.1. THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 points is allocated for price on the following basis:

80/20

$$Ps = 80\left(1 - \frac{Pt - Pmin}{Pmin}\right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

#### 4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of Regulation 4(2) and 6(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:
- 4.2. Table 1: Specific goals for the tender and points claimed are indicated per the table below.

  Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

Specific Goal	Means of Verification	The specific goals allocated points in terms of this tender	Number of points allocated	Number of points claimed (80/20 system) (To be completed by the tenderer)
Persons historically disadvantaged on the	CSD registration CIPC Certificate	100% black ownership	20	
basis of race: Black person		75% - 99% black ownership	16	
		60% - 74% black ownership	12	
		51% - 59% black ownership	6	
		0 – 50% black ownership	0	

#### **DECLARATION WITH REGARD TO COMPANY/FIRM**

4.3.	Name of company/firm
4.4.	Company registration number:
4.5.	TYPE OF COMPANY/ FIRM
	□ Partnership/Joint Venture / Consortium □ One-person business/sole propriety □ Close corporation □ Public Company □ Personal Liability Company □ (Pty) Limited □ Non-Profit Company □ State Owned Company

- 4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:
  - The information furnished is true and correct;
  - ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form:
  - iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
  - iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have
    - (a) disqualify the person from the tendering process;
    - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
    - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
    - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the audi alteram partem (hear the other side) rule has been applied; and
    - (e) forward the matter for criminal prosecution, if deemed necessary.

	SIGNATURE(S) OF TENDERER(S)
SURNAME AND NAME:	
DATE:	
ADDRESS:	

- 1 This Standard Bidding Document (SBD) must form part of all bids<sup>1</sup> invited.
- Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).<sup>2</sup> Collusive bidding is a *pe se* prohibition meaning that it cannot be justified under any grounds.
- Treasury Regulation 16A9 prescribes that accounting officers and accounting authorities must take all reasonable steps to prevent abuse of the supply chain management system and authorizes accounting officers and accounting authorities to:
  - a. disregard the bid of any bidder if that bidder, or any of its directors have abused the institution's supply chain management system and or committed fraud or any other improper conduct in relation to such system.
  - b. cancel a contract awarded to a supplier of goods and services if the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract.
- 4. This SBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
- 5. In order to give effect to the above, the attached Certificate of Bid Determination (SBD 9) must be completed and submitted with the bid:

<sup>2</sup> Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

<sup>&</sup>lt;sup>1</sup> Includes price quotations, advertised competitive bids, limited bids and proposals.

#### CERTIFICATE OF INDEPENDENT BID DETERMINATION

I, the undersigned, in submitting the accompanying bid:			
(Bid Number and Description)			
in response to the invitation for the bid made by:			
(Name of Institution)			
do hereby make the following statements that I certify to be true and complete in every respect:			
I certify, on behalf of:	that:		
(Name of Bidder)			

- 1. I have read and I understand the contents of this Certificate:
- 2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
- 3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
- 4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder;
- 5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
  - (a) has been requested to submit a bid in response to this bid invitation;
  - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
  - (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder
- 6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium³ will not be construed as collusive bidding.

- 7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
  - (a) prices;
  - (b) geographical area where product or service will be rendered (market allocation)
  - (c) methods, factors or formulas used to calculate prices;
  - (d) the intention or decision to submit or not to submit, a bid;
  - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
  - (f) bidding with the intention not to win the bid.
- 8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- <sup>3</sup> Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.
- 10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

Signature	Date
Position	Name of Bidder

#### **SECTION 17: SCOPE OF WORK**

#### PART A: GENERAL DESCRIPTION OF THE WORKS

- 1. The tender consists of upgrading the sound equipment in the Opera Theatre at the Playhouse Company.
- 2. Quantities have been provided in the bill of quantities (BOQ).
- 3. The installation will be implemented in phases.
- 4. The areas must remain operational during the installation period.
- 5. The tenderer is to include in the bid all associated works, travel, and labour costs of implementing the project.
- 6. The successful tenderer will be required to submit workmanship guarantees and sign off the completed work.
- 7. Tenderers who meet the pregualifying criteria will be called to demonstrate their proposed mixing console.

#### **OVERVIEW**

- 8. The site is located at:
  - 17.1.1.1 Theatre Building 231 Anton Lembede Street.
- 9. The successful tenderer is required to supply and install the new sound equipment as per the BOQ.
- 10. The scope of work makes provision for the following: -
  - 10.1 Removal of old existing equipment where applicable.
  - 10.2 Installation of new equipment.
  - 10.3 Include all commissioning.
  - 10.4 Include guarantees (maintenance guarantee)
  - 10.5 Includes drawings and wiring layouts.
  - 10.6 Training.

#### **GENERAL:**

#### 11. **DESIGN**

11.1 The successful tenderer will be required to provide a workable solution for the installation of a new sound equipment for the site.

#### 12. MANUFACTURE

12.1 The items are to be sourced directly from the manufacturer and are to have a maintenance guarantee for equipment and servicing from date of handover.

#### 13. INSTALLATION

13.1 The successful tenderer will oversee the installation of the new equipment and ensuring good workmanship and good quality finishing. Installation that is not done in accordance with the specifications will not be accepted and the tenderer will be instructed to replace, at own cost.

#### 14. COMMISSIONING

- 14.1 The successful tenderer will be required to commission the installation.
- 14.2 The above will be checked by the Sound HOD on final commissioning, and the tenderer will be required to have all the necessary test equipment needed to prove his / her claims on performance.

#### 15. TESTING OF SOUND EQUIPMENT

- 15.1 The successful tenderer will be required to test the sound equipment and ensure that all installed equipment complies with the specification.
- 15.2 reliability should be 99.9% of uptime System with no more than 0.1% downtime outside of scheduled maintenance

#### 16. INSTALLATION PERIOD

- 16.1 The successful tenderer must indicate the estimated time to complete the project. The timeline will start once the appointment had been made.
- 16.2 Timelines must indicate the different phases the tenderer anticipates this project will follow.
  - a) Design
  - b) Sourcing
  - c) Installation
- d) Commissioning
- e) Training
  - 3 days for Radio Microphone system.
  - Minimum 1 week for Digital mixing console (including the studio integration).
- 16.3 The equipment and cabling installation need to comply with all the safety regulations.

#### PART B: DIGITAL MIXING CONSOLE

- 1. The Sound mixing console would be for the Opera theatre upgrade.
- 2. The upgrade requires that the installed Digital console is able to be integrated with our Recording Studio, which is located 2 floors below the Opera theatre, for live recordings.
- 3. The upgrade requires that the console is able to provide minimum of 128Ch bidirectional channels to the studio
  - a) Currently through AES50 outputs we can provide up to 120 bi-directional channels to the studio via DN9620 AES50 extender to the DN9650 network bridge which is then interfaced with the Waves Digigrid @96kHz in the studio via madi card.
- 4. Stage boxes would be stationed in the "Radio room" which is situated on prompt side of the Opera stage.
- 5. The Digital console would need to be in a heavy-duty high density protective foam flight case offering maximum protection.
- 6. The Playhouse Company also host productions that require very high channel count therefore the mixing desk should be no less than:
  - a) 128 simultaneous input channels @96kHz.
  - b) 48 mix buses.
  - c) 24 matrices (support input to matrix).
  - d) Dante expansion card 128Ch Bi-directional.
  - e) With delay compensation from the input to the output stage.
- 7. The mixing console should have a compatible personal monitor mixer optional card fitted.
- 8. The mixing console should have no less than 12" high-definition full colour touch screen.
- 9. The console should have redundant PSU.
- 10. The console to be accompanied by an I pad with an installed remote mixing app.
- 11. All Cabling need to be durable and of high quality.

#### PART C: DIGITAL WIRELESS MICROPHONE SYSTEM FOR THE OPERA THEATRE

#### 1. Quantity of transmitters:

The number of belt pack transmitters required are 32 (Thirty-two), which can be accommodated by corresponding receivers, 8 of the 32 should be in a separate rack with a combiner and antennae for use in other venues, in addition 12 (twelve) Handheld transmitters with capsules to be used in conjunction with the aforementioned receivers.

#### 2. System Description:

Digital wireless system that has an intermodulation-free operation with an equidistant frequency grid, allowing for reliable incorporation of transmission paths - even in overcrowded or narrow frequency ranges. The system should have High Density mode to double the number of possible channels.

The range of transmitters and lavaliers should be suitable for theatre application including the following composition of the system:

- a) Body pack transmitter.
- b) Receiver module with minimum (5 channels in 1 MHz bandwidth) with antenna system.
- c) Discreet lavalier/lapel capsule microphone.
- d) Handheld Transmitter complete with Dynamic Cardioid Capsule.
- e) Should have frequency spectrum management software.

#### 3. Body Pack Transmitter:

The required body-pack transmitters should offer high-end solution for guitar/bass or as a transmitter for clip-on microphones and headsets. The housing should combine the benefits of being inconspicuous in size, a robust design and lightweight while offering reliable protection against moisture.

- a) Three frequency variations (470-558 MHz, 550-638 MHz, 630-718 MHz)
- b) Highly effective intermodulation protection.
- c) AES 256 encryption and Digital encryption.
- d) Combination of Li-ion battery and AA batteries where possible.
- e) Robust housing.
- f) Auto scan and sync capability.

#### **Specification**

RF output power: 25 mW rms, 50 mW peak

Switching Bandwidth: 88 MHz

Gain: Mic adjustable in 3 dB steps from 0 to +42 dB Line adjustable in 3 dB steps from -6dB to +42 dB

Frequency range: 470 – 718 MHz

#### 4. Receiver module:

- a) Higher channel density with maximum signal reliability at the same time, intermodulation-free and assures, through equidistant frequency grid, excellent spectral efficiency and the simplest frequency configuration.
- b) Error correction and audio error masking to recognize and fix problems before they even become audible.
- c) The receiver must have a digital AES-3 output with word clock inputs and outputs, high-quality transformer, balanced analogue XLR and 6.3 mm jack outputs as well as a 6.3 mm headphone output.
- d) With Dante Brooklyn II card additionally with two Amphenol RJ-45 connectors for integrating the receiver into a Dante network, for redundant networks or daisy chain cabling.
- e) The unit should offer auto-setup that enables scanning and frequency distribution to all connected devices directly via the receiver and the system should also be monitored and configured via a spectrum management software.

- f) The unit must come with UHF antenna systems that would suit the Opera theatre.
  - Should have minimum 88 MHz switching bandwidth.
  - High Density Mode with efficiency-optimized ensures up to 5 channels per MHz bandwidth.
  - Equidistant frequency grid for maximum channel density and simplest setup.
  - Superior quality RF pre-selection filters for optimal suppression of interference signals at antenna input.
  - Error correction and audio error masking.
  - AES-256 encryption.
  - Automatic frequency setup.
  - Digital and transformer balanced analogue outputs XLR, 6.3 mm jack, AES-3, Dante with Brooklyn II Card and Amphenol RJ-45.
  - high-quality display per channel.
  - A compatible Spectrum management software tool.

#### 5. Lavalier Microphone:

- a) High-quality, sub-miniature lavalier microphones suitable for both speech and instrument miking applications in all areas of live work - especially theatre, not more than 1,5m long cable, that fulfils the most stringent demands on sound quality and must be extremely rugged.
- b) Must include a special housing that protects the microphone against sweat and moisture, making it an ideal choice for theatrical productions.
  - With a diaphragm that can protects the mic against sweat
  - Very high sound pressure handling capability
  - Versatile attachment due to an extensive range of accessories

#### 6. The handheld transmitter:

- a) Durable rugged build intermodulation-free, which allows operation in an equidistant frequency grid.
- b) The transmission concept thereby permits maximum spectral efficiency even in the toughest frequency ranges. In short: more channels, maximum transmission performance at all times and outstanding signal stability.
- c) Digital Audio with artifact-free sound and optimum dynamics. In high density mode up to 5ch per 1 MHz bandwidth. The handheld transmitter should be compatible with numerous capsule heads. The lithium-ion battery to be interchangeable with AA batteries where possible.
  - Highly effective intermodulation protection
  - AES 256 encryption
  - A combination of Li-ion battery and AA or equivalent (if possible)
  - Durable and rugged build with low or no handling noise

RF output power: 25 mW rms, 50 mW peak.

Switching Bandwidth: 88MHz.

**Operating time:**  $\geq$  6 h (with battery pack).

Frequency range: 470 – 718MHz.

**Encryption:** AES 256.

Audio Frequency response: 40Hz – 20kHz.

**Audio Gain**: to be set at 3 dB steps.

#### PART D: BACKLINE

#### 1. Full Drum kit set.

Snare (Depth x Diameter): 5.5" x 14"

Mounted Toms (Depth x Diameter): 8" x 10", 9" x 12"

Floor Tom (Depth x Diameter): 12" x 14" Bass Drums (Depth x Diameter): 18" x 22"

Cymbals with stands

Drum throne.

All drums to be in a durable padded protective bag.

#### 2. Percussions set.

2 x Congas 11"x 12" (on stands)

2 x Bongos 7-1/4" and 8-5/8" (on stands)

27 Bars single row Chimes with stand

Cow bell

All drums to be in a durable padded protective bag.

#### 3. Keyboard.

Fully weighted 88-key hammer action digital piano Synthesizer workstation

#### 4. Acoustic Guitar Amp.

Powerful 120-watt-steree amp with two 12-inch speakers.

Two input channels (Normal and Effect), each with three-band EQ and bright on/off.

Built-in vibrato, distortion, and authentic spring reverb.

Footswitch jacks for turning onboard effects.

To be with cover and on castors.

#### 5. Lead Guitar Amp on wheels.

2 x 12" speakers @60Watts RMS.

2 x 1/4" input.

3-foot switchable channels.

Spring reverb.

To be with cover and on castors.

#### 6. Bass Guitar Amp

Output Power 800W Rms @ 4 Ohms OR 500w Rms @ 8 Ohms Speaker Out Speakon/1/4" Combo Gain -60 dB to +23 dB Range.

Master Volume

Line Out Level

**Ground Lift** 

Pre/Post Eq

Mute

Should come with a protective bag.

#### 7. Speaker Cab:

Speaker size 6 x 10" or 4 x 10" ,1 x 15" Power Handling 800W rms Frequency Response 45Hz – 20kHz Sensitivity 104 dB SPL To be on castors

#### 8. Wireless In Ear Monitor Set:

UHF (470-1075MHz) Passive antenna

Antenna Combiner

Stereo Inputs

Earphones to be included (frequency response @ 45Hz – 15kHz)

Transmitter inputs 2 XLR -1/4 combo

Please note that the quoted system needs to conform to the new amended Radio Frequency Spectrum Regulations (strictly NO 780MHz – 822MHz frequency band)

#### 9. Personal Monitor Mixer system:

To be compatible with the sound console.

Should have monitor system Hub with 8 PoE ports.

Should be able to receive names and group assignments from the console.

Should have durable ethercon ports and rugged chassis.

The personal mixers should have mic stand mounting brackets.

#### 10. Monitor Wedges:

15" 2way:

Power: 2,000 watts peak/1,000 watts RMS. Frequency response 70Hz – 18kHz @(+-3dB).

Max SPL: 136 dB peak.

Coverage pattern: 50°x 90° @monitor position.

#### 12" 2way:

Power: 1 600watts peak/800 watts RMS.

Coverage pattern: 50°x 90° @monitor position. Frequency response: 80Hz – 18kHz @(+-3dB).

Maximum SPL: 131dB peak.

\*All monitor wedges to be accompanied by compatible power amplifiers.

#### Annexure A Bill of Quantities