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GENERAL NOTICES • ALGEMENE KENNISGEWINGS

INDEPENDENT COMMUNICATIONS AUTHORITY OF SOUTH AFRICA**NOTICE 162 OF 2017**

**COMPOSITE INVITATION TO APPLY
INDIVIDUAL COMMERCIAL FREE TO AIR TELEVISION
BROADCASTING SERVICE AND RADIO FREQUENCY
SPECTRUM LICENCE FOR MUX 3 FREQUENCIES**

1. INTRODUCTION

The Independent Communications Authority of South Africa ("the Authority"), hereby invites applications for Individual Commercial Free To Air Television Broadcasting Service Licence(s) and the applicable Radio Frequency Spectrum Licence(MUX 3 frequencies) in terms of sections 9 and 31(3)(a) of the Electronic Communications Act, 2005 (Act No. 36 of 2005) ("the Act"), as amended, read with regulation 7 of the Radio Frequency Spectrum Regulations, 2015, as amended by government gazettes No. 38754 of 2015 and No. 40436 of 2016, for the provision of free-to-air television broadcasting services (the Radio Frequency Spectrum Regulations).

All applications will be considered based on the requirements of the Act, the applicable regulations and this Invitation to Apply ("ITA").

This ITA applies to both the service and spectrum licence applications.



NKOMO MVUYISO BATYI
COUNCILLOR

**BEFORE COMPLETING THE APPLICATION, APPLICANTS ARE REQUIRED TO
READ AND TAKE INTO ACCOUNT THE FOLLOWING:**

- a. The guidelines in schedule A;
- b. The relevant provisions of the Independent Communications Authority of South Africa Act, 2000 (Act No. 13 of 2000) ("the ICASA Act") referred to in this ITA;
- c. The relevant provisions of the Act referred to in this ITA;
- d. The relevant provisions of the Broadcasting Act, 1999 (Act No. 4 of 1999) ("Broadcasting Act") referred to in this ITA;
- e. The relevant provisions of the applicable regulations i.e.:
 - i. The Licensing Processes and Procedures Regulations for Individual Licences, 2010 (as amended) published in Government Gazette No 33293 of 2010 of 15 June 2014, as amended by Government Gazette No. 39871 of 30 March 2016 (Processes and Procedures Regulations);
 - ii. The Standard Terms and Conditions Regulations for Individual Licences, 2010 (as amended) published in Government Gazette No 33294 of 2010 of 15 June 2014, as amended by government gazette No. 39875 of 30 March 2016 (Standard Terms and Conditions Regulations);
 - iii. the Radio Frequency Spectrum Regulations, 2015, as amended by government gazettes No. 38754 of 2015 and No. 40436 of 2016 (Radio Frequency Spectrum Regulations);
 - iv. Promotion of Diversity and Competition on Digital Terrestrial Television Regulations published in Government Gazette No 37929 of 22 August 2014 (Promotion of Diversity and Competition Regulations);
 - v. ICASA Regulations on Local Television Content Regulations published in Government Gazette No 39844 of 23 March 2016 (Local Content Regulations); and
 - vi. The Terrestrial Broadcasting Plan 2013, published in Government Gazette No. 36321 of 2 April 2013 read with the First Update to the Terrestrial Broadcasting Plan 2014 published in Government Gazette N. 38005 of 16 September 2014.

**NON-COMPLIANCE WITH THE PROVISIONS OF THE ACT, THE APPLICABLE
REGULATIONS AND/OR THIS ITA WILL RESULT IN THE REJECTION BY THE
AUTHORITY OF SUCH NON-COMPLIANT APPLICATION**

SCHEDULE A

1. Applications must be made in writing.
2. An Applicant must answer all questions set out in this application form in full. If any question is considered not applicable, mark it as "N/A" and provide further explanation as to why it is not applicable.
3. An Applicant must submit one original application – clearly marked as such, together with fifteen (15) hard copies, and three (3) soft copies of the application, all of which must be received by the Authority by the closing date indicated in paragraph 18 below.
4. In terms of section 4D of the ICASA Act, An Applicant may request that any part of the application be treated as confidential. The request for confidentiality must be made in terms of section 4D of the ICASA Act and should be accompanied by a written statement explaining why the specific information should be treated as confidential. Requests for confidentiality will be considered in accordance with the provisions of section 4D of the ICASA Act.
5. The Authority will make a determination on the request for confidentiality within fourteen (14) working days of receiving the request and will communicate its decision to the respective Applicant.
6. In the event that the request for confidentiality is refused, the Applicant may choose to withdraw the information in respect of which confidentiality is requested.
7. Confidential information should be clearly marked as such and submitted separately, but together with the original application, comprising the original thereof, fifteen (15) hard copies and three (3) soft copies.
8. All applications, save for confidential information referred to above, made pursuant to this ITA will be made available for inspection by

interested persons and copies of the applications will be obtainable at the Authority's library upon payment of a fee as may be determined by the Authority from time to time.

9. An application must be permanently bound (using either heat or spiral binding).
10. An application must have a cover page indicating the title of the ITA, name of the Applicant, the proposed name of the broadcasting service and year of application.
11. The page(s) immediately following the cover must be the contents page(s), which shall detail each section of the application and corresponding page numbers.
12. An application, including the appendices and schedules, must be sequentially numbered starting with the page immediately following the contents page(s) as page 1 and ending with the very last page of the application.
13. In the event that the Applicant has to submit its application in more than one part or volume, each part or volume must have a cover page bearing all the details set out above. In this case the cover page must specify the number of the part or volume (i.e. Part One, Part Two or Volume One, Volume Two). Each volume or part must also have the full set of contents pages and be sequentially numbered as indicated above.
14. In addition to the application for an Individual Commercial Free-To-Air Television Broadcasting Service Licence, an Applicant **MUST** also apply for a Radio Frequency Spectrum Licence for MUX 3 broadcasting frequencies as specified in Annexure G or the Latest Version of the Terrestrial Broadcasting Frequency Plan 2013.
15. An application must be accompanied by proof of payment of the non-refundable application fee of six hundred thousand rand

(R600 000.00). The application fee is in respect of the commercial television broadcasting service licence and the radio frequency spectrum licence.

16. Payment of the application fee shall be made by way of an electronic funds transfer or a direct deposit into the following bank account of the Authority:

BANK: NEDBANK LIMITED

BRANCH: NEDBANK CORPORATE INVESTMENT BANKING

BRANCH CODE: 198765

ACCOUNT NO: 1080249044

SWIFT CODE: NEDSZAJJ

REFERENCE: Name of the proposed service or Applicant

17. An application must be addressed for the attention of the General Manager: Licensing and must be deposited into the box designated for that purpose at Block A, Pinmill Farm, 164 Katherine Street, Sandton, Johannesburg.
18. The closing date for the submission of applications shall be 11:00 am, South African time, on **30 August 2017.**
19. **An application received after the closing date and time will neither be accepted nor considered by the Authority.**
20. The licensing mechanism will be undertaken in two phases:
- 20.1. Phase 1: Consideration of the applications for an Individual Commercial Free to Air Television Broadcasting Service licence;
- 20.2. Phase 2: Consideration for a Radio Frequency Spectrum Licence for MUX 3 frequencies.

21. The minimum requirements for the consideration for a Radio Frequency Spectrum Licence for MUX 3 frequencies are as follows:
 - 21.1. An Applicant must have fulfilled all the requirements for, and be eligible to be issued with an Individual Commercial Free to Air Television Broadcasting Service licence in Phase 1 of the licensing process;
 - 21.2. At the time of submission of its application, an Applicant must have a minimum of 30% equity ownership held by persons from historically disadvantaged groups.
22. The Authority reserves its right not to grant a licence should an Applicant not meet the requirements as set out in this ITA.
23. In addition to the terms and conditions set out in this section, Applicants are advised to apprise themselves fully of the provisions of the Act, ICASA Act, Broadcasting Act and all regulations promulgated by the Authority that may be applicable to this ITA.
24. Failure to comply with any of the above requirements, the provisions of the Act and/or relevant regulations will render the application subject to disqualification.
25. All applicants shall carry their own costs in responding to the ITA.

SCHEDULE B: AMENDMENTS TO THE APPLICATION

1. Amendments to applications received in terms of this ITA will be considered in terms of the provisions of Regulation 6 of the Processes and Procedures Regulations or, where applicable, Regulation 8 of the Radio Frequency Spectrum Regulations.
2. In instances where the information included in an application changes at any time after submission of the application but before the Authority makes a decision, the Applicant must notify the Authority of such changes and request an amendment to its application in writing within fourteen (14) days of such change¹.
3. The Authority will, after being notified by an Applicant of any changes to the applications, determine whether the changes;
 - 3.1. unfairly prejudice other interested parties;
 - 3.2. impede the expeditious and proper consideration of the application; or
 - 3.3. materially change the application as to constitute a new application.²
4. The Authority will then notify the Applicant of its decision to either grant or refuse the request for amendment. In the event that the request for amendment is granted, the Authority may publish a notice in the Government Gazette inviting interested parties to submit written representations in relation to the amendment within the period stipulated in the notice.
5. Notwithstanding anything in this clause, an Applicant may not change its shareholding, resulting in a reduction of equity ownership held by Historically Disadvantaged Groups (HDGs) in the Applicant below the 30% threshold.

¹ Regulation 6(1), Processes and Procedures Regulations

² Regulation 6 (2), Processes and Procedures Regulations

SCHEDULE C – DISQUALIFICATION CRITERIA

1. An Applicant will be disqualified from the application process where such Applicant has:
 - 1.1. submitted an application but is an affiliate of another Applicant, or possesses an ownership or financial interest in another Applicant within the same application process;
 - 1.2. capacity already assigned to it or its affiliate or related party in Multiplex 1 or 2;
 - 1.3. submitted more than 1 (one) application to the Authority in response to this ITA;
 - 1.4. at any point during the application process, less than 30% equity ownership held by persons from Historically Disadvantaged Groups (HDGs);
 - 1.5. submitted an application which contains false or misleading information;
 - 1.6. colluded or attempted to collude, with another Applicant;
 - 1.7. obtained or acquired confidential information relating to another Applicant without consent from the Authority and/or the owner of such confidential information; or
 - 1.8. has failed to comply with the terms and conditions of the ITA, the provisions of the Act, ICASA Act, Broadcasting Act and/or all relevant Regulations.

**SCHEDULE D: EVALUATION CRITERIA: PHASE 1 - CONSIDERATION OF
THE APPLICATIONS FOR AN INDIVIDUAL COMMERCIAL FREE TO AIR
TELEVISION BROADCASTING SERVICE LICENCE**

Item	Criteria Description	Weight
PREQUALIFICATION		
	Compliance with ITA requirements is mandatory. Failure to comply with any of the requirements of the ITA, the provisions of the Act and/or relevant regulations will render the application subject to disqualification.	
	A minimum of 30% equity ownership held by Historically Disadvantaged Groups (HDGs) is mandatory.	
FUNCTIONALITY		
1.	Market research: Demand, Need and Support of the proposed service	35
2.	Viability of the business plan and financial means of the Applicant	35
3.	Capability, expertise and experience of the Applicant and its employees in business in general and in broadcasting in particular	30
A minimum of 60 points is required to proceed to Phase 2: Consideration for a Radio Frequency Spectrum Licence for MUX 3 frequencies.		
Total		100

SECTION 1: GENERAL**1. NAME OF THE APPLICANT AND PROPOSED STATION NAME****1.1. NAME OF APPLICANT****1.2. PROPOSED STATION NAME(S)****1.3. NATURE OF THE SERVICE****1.4. IS THE PROPOSED SERVICE MULTI OR SINGLE CHANNEL?****1.5. LICENCE AREA**

2. CONTACT PERSONS**2.1. MAIN CONTACT PERSON(S)**

Provide details of no more than two individuals designated to deal with any press, public and general enquiries.

1. NAME AND DESIGNATION	1. NAME AND DESIGNATION
2. TELEPHONE NUMBER/S	2. TELEPHONE NUMBER/S
(W)	(W)
(H)	(H)
CELL	CELL
E-MAIL	E-MAIL
3. FAX NUMBER/S	3. FAX NUMBER/S
4. PHYSICAL ADDRESS	4. PHYSICAL ADDRESS
POSTAL CODE:	POSTAL CODE:
5. POSTAL ADDRESS	5. POSTAL ADDRESS
POSTAL CODE:	POSTAL CODE:

SECTION 2: CORPORATE STATUS

- I. Applications will be reviewed in terms of Applicants' corporate status as at the time of application.
- II. Applicants are required to be compliant with the provisions of the Act, the Broadcasting Act, the ITA and relevant regulations at the time of submission.
- III. Only changes made in terms of Regulation 6 (1) and (2) of the Processes and Procedures Regulations will be considered and, if compliant with Regulation 6, permitted and accepted by the Authority.
- IV. All Applicants are required to have a minimum of 30% equity ownership held by persons from historically disadvantaged groups (HDGs).³

Applicants are required to take into account the prohibitions or limitations provided in the following sections of the Act, amongst others:

- IV.1. Section 52 - Prohibition on granting of broadcasting service licence to any party, movement, organisation, body or alliance which is of a party-political nature;
- IV.2. Section 64 - Limitations on foreign control of commercial broadcasting services;
- IV.3. Section 65 - Limitations on control of commercial broadcasting services; and
- IV.4. Section 66 - Limitations on cross-media control of commercial broadcasting services;

³ Section 9(2)(b) of the Act

3. CORPORATE STATUS

If the Applicant is a natural person, he/she must indicate whether he/she is:	
A citizen of South Africa	I.D Number:
Permanent Resident:	I.D Number:
Foreign Citizen:	Passport Number:
	Nationality:
If the Applicant is a juristic person, it must:	
Indicate the legal form of the Applicant (e.g. private company duly registered and incorporated in terms of the Companies Act):	
Indicate the Registration number of the Applicant:	
Attach certified copies of the Applicant's signed certificate of incorporation and memorandum of incorporation or other signed constitutive documents of the Applicant (e.g. association agreement, constitution, etc.) indicating the Applicant's compliance with the requirements of section 5(8) (b) of the Act.	
ATTACH AS APPENDIX 3.1	
Provide a resolution authorizing the signatory(ies) to this application to sign this application and/or to represent the Applicant at the Authority's hearings in respect of this application. The authorized person(s) must sign all official documents submitted to the Authority in terms of or in relation to this ITA.	
ATTACH AS APPENDIX 3.2	
Indicate all direct and indirect shareholders in the Applicant and their total number of shares and ownership percentages and indicate how the percentage of equity ownership held by persons from historically disadvantaged groups, which must not be less than 30% in the Applicant, is calculated. The required documents based on the type of entity are detailed in the table below:	

HDI REQUIREMENTS			
Trust Shareholding	South African Identification documents (stamped by commissioner of oaths) of trustees and beneficiaries, certified copy of the letters of authority issued by the Master's Office, certified copy of the Trust Deed; where beneficiaries are not individuals or juristic persons, a certified copy of the constitution or other founding document of such beneficiary must be provided, accompanied by an affidavit of all leaders of such beneficiary confirming its existence and objectives.	Detailed breakdown of how 30% HDI in the trust is formulated (including name(s)/organization(s) indicating the percentage of ownership held by each entity/ person(s)) (Must be stamped by commissioner of oaths/notary public as well as affidavit sighting that the information provided is accurate and is a true representation of the entity's HDI levels)	In the case where a beneficiary is a juristic person e.g. a school, please indicate how persons within such entity are persons from historically disadvantaged groups and hold equity ownership amounting to 30% in the trust
Company / Close Corporation	South African identification documents (stamped by commissioner of oaths) of directors (or members in respect of close corporations), any shareholders' agreements (or association agreement in case of close corporations), certified copies of share certificates, close corporation's founding statement, valid tax clearance	Detailed breakdown of how 30% HDI is formulated (including name(s)/organization(s) indicating the percentage of ownership held by each entity/ person(s)) (Must be stamped by commissioner of oaths/notary public as well as affidavit stating that the information provided is accurate and is a true representation of the body's HDI levels)	

	certificate (where applicable) or proof of the applicant's tax affairs being compliant, B-BBEE verification report by an approved verification agency		
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ATTACH AS APPENDIX 3.3

Indicate whether, pursuant to the memorandum of incorporation, shareholders' agreement or any other similar document, any person controls the company or close corporation as contemplated in section 2(2) of the Companies Act, 2008.

ATTACH AS APPENDIX 3.4**4. MANAGEMENT**

- 4.1.** Full details must be provided of each member of Applicant's senior management including all directors, members or trustees as the case may be. The information should be submitted in the format provided in Annexure A and should not exceed 3 pages per person.

ATTACH AS APPENDIX 4.1

- 4.2.** Indicate whether each individual has confirmed his or her willingness to accept the post, if offered. Please submit signed confirmation from the proposed employee in this regard.

ATTACH AS APPENDIX 4.2

- 4.3.** Indicate whether any of the individuals in senior management is an office bearer or employee of any political party. Please submit a signed affidavit to this effect.

ATTACH AS APPENDIX 4.3

- 4.4.** If any member of the senior management team holds shares in the Applicant, indicate the number and class of those shares. Please submit share certificates confirming this.

ATTACH AS APPENDIX 4.4

- 4.5.** Indicate whether any of the persons referred to above will be in a position to control the Applicant's operations either in an individual capacity, or directly/indirectly in relation to management or corporate structure. If applicable, please submit the business record of any such persons.

ATTACH AS APPENDIX 4.5

- 4.6.** Submit the Applicant's record and the record of those persons referred to in paragraph 4.5 above, in relation to situations requiring trust and candour on their part.

ATTACH AS APPENDIX 4.6

- 4.7.** Provide a full and complete business record of the Applicant. In providing the business record referred to above, it must be stated, whether the senior management member(s) or Applicant concerned has any other media interests. Full details must be given of all management positions held during the past five (5) years. The record must also indicate whether the person concerned has any particular experience relating to the management of a Commercial Television Broadcasting Service. Please submit supporting documentation.

ATTACH AS APPENDIX 4.7

5. STAFFING

- 5.1.** Provide an organisational chart showing all proposed station management and staff posts, and indicate clearly the planned reporting structure.

ATTACH AS APPENDIX 5.1

- 5.2.** Indicate the proposed number of full-time and part-time staff per department (e.g. programming, news, sales, technical, etc.) as appropriate to the Applicant's proposal. Also provide the total number of staff that will be employed or are employed by the Applicant.

ATTACH AS APPENDIX 5.2

- 5.3.** If applicable, clearly indicate any management or staff positions which will be shared - within a group operating structure - between the proposed television service and any existing broadcasting service.

ATTACH AS APPENDIX 5.3

- 5.4.** List any activities which will be sub-contracted or outsourced to agencies, consultants, etc. Please submit supporting documentation e.g. templates/samples of agreements to be entered into.

ATTACH AS APPENDIX 5.4

6. APPLICANT 'S GENERAL HISTORY AND DEVELOPMENT STRATEGY

- 6.1.** Describe how, and when, the Applicant was formed, and how it has developed since then. If the Applicant is, or includes, an existing licensee of the Authority, give details of its history and current media operations. Describe the principles upon which Applicant's future development strategy is based, and its general objectives in applying for this licence.

ATTACH AS APPENDIX 6

7. EXTERNAL ASSISTANCE

- 7.1.** Provide particulars of any individual or corporate entity, other than directors or executives of the Applicant's juristic person, that is providing assistance to the Applicant (e.g. legal or financial advisers, research consultants, etc.) in respect of its application pursuant to this ITA. State their roles in assisting the Applicant's application and/or operations.

ATTACH AS APPENDIX 7

8. OTHER INTERESTS

Provide details of the Applicant's and its participants' (including shareholders and senior management) interests and/or involvement in as well as the extent of the interest in any of the activities listed below (e.g. share certificates, agreements etc.):

- 8.1.** Advertising agencies;

ATTACH AS APPENDIX 8.1

- 8.2.** Non-RSA broadcasting interests;

ATTACH AS APPENDIX 8.2

- 8.3.** Newspapers (including holdings in a group which has substantial control over one or more newspapers);

ATTACH AS APPENDIX 8.3

- 8.4.** Other broadcasting interests (including radio, television, satellite and cable broadcasting, and allied activities);

ATTACH AS APPENDIX 8.4

- 8.5.** Other publicly-funded bodies.

ATTACH AS APPENDIX 8.5

- 8.6.** Confirm compliance by the Applicant with the following provisions of the Act, and indicate how the Applicant complies therewith:

- 8.6.1. Section 52 – Prohibition on granting of broadcasting service licence to party-political entities;
- 8.6.2. Section 64 – Limitations on foreign control of commercial broadcasting services;
- 8.6.3. Section 65 – Limitations on control of commercial broadcasting services; and
- 8.6.4. Section 66 – Limitations on cross media control of commercial broadcasting services.

ATTACH AS APPENDIX 8.6

SECTION 3: FINANCE**9. SUMMARY OF BUSINESS PLAN**

Summarize the main assumption underpinning the Applicant's business plan e.g. trends in audience share and free to air television broadcasting revenue (and the relationship between them), taking into account expected free to air broadcasting developments and competition from other media, marketing policies, ownership and control patterns, and the Applicant's own business development strategy, etc.

ATTACH BUSINESS PLAN AS APPENDIX 9**10. PRO FORMA FINANCIAL STATEMENT**

10.1. Financial Reporting and Presentation must be in compliance with International Financial Reporting Standards ("IFRS").

10.2. The financial statements must reflect the following financial ratios;

- i. Turnover/total assets;
- ii. Contribution/turnover;
- iii. Return on assets;
- iv. Return on shareholder's funds;
- v. External funds/cash flow;
- vi. Income security;
- vii. Price break-even; and
- viii. Volume Break-even.

10.3. Projected Cash Flow Statement

Provide cash flow projections, estimating financing and operating activities for each of the first 10 years of operation. Provide explanatory notes and a full listing of the underlying assumptions on which the financial projections are based. These projections may be

provided either as part of the main Application, or in separate schedules as an appendix to it; whichever approach is preferred.

ATTACH AS APPENDIX 10.3

10.4. Projected Income Statement

Submit projected Income Statement estimating annual Revenue and Expenditure for each of the first 10 years of operation. Further, include the projected audience numbers over that period and the link between audience and revenue generated.

ATTACH AS APPENDIX 10.4

10.5. Projected Annual Operating Expenses

Submit projected annual operating expenses, which estimate annual operating expenses for the first 10 years of broadcasting. Provide explanatory notes and a full listing of the underlying assumptions on which the financial projections are based.

ATTACH AS APPENDIX 10.5

10.6. Balance sheet

Submit projected balance sheet.

ATTACH AS APPENDIX 10.6

11. FINANCIAL REQUIREMENTS AND SOURCES

- 11.1.** Submit details of the Applicant's total funding requirements, i.e. what are the total funds available to finance the proposed broadcasting venture (including details of Equity and Debt) and the respective sources for these funds e.g. Bank loan(s), share capital, other loans, etc.

- 11.2.** Further, submit letter/s of financial support from each of the funders, stipulating the amount of such funding as well as the terms and conditions thereof.
- 11.3.** Submit, where applicable, signed copies of all funding agreements concluded with the prospective funders.
- 11.4.** Funding terms and conditions from foreign sources **MUST NOT** contradict or contravene any requirements of the Act including the limitations on foreign control of commercial broadcasting services (section 64) and the requirement for a minimum of 30% equity ownership to be held by persons from historically disadvantaged groups (section 9 (2)(b)).

ATTACH AS APPENDIX 11

12. FIXED ASSETS

- 12.1.** Provide a summary of tangible assets, as at the proposed on-air date, categorised under the headings of fixtures and fittings, studio equipment, transmitter equipment, vehicle and other assets. Indicate the level of assets financed by leasing (or similar) arrangement within each category, and indicate any assets brought in at nil cost.

ATTACH AS APPENDIX 12.1

- 12.2.** Give a detailed breakdown for signal distribution costs.

ATTACH AS APPENDIX 12.2

Note: For questions 16 – 21, complete only those which relate to the Applicant's chosen method(s) of funding: if not applicable, mark 'N/A'.

13. SHARE CAPITAL

Classes of share capital:

	Class	Number	Par value	Issue price
Voting				
Non-voting				
Preference				
Other (Specify)				

ATTACH AS APPENDIX 13**14. PROPOSED INVESTORS**

- 14.1.** Provide copies of legally binding shareholders' agreements as signed by all shareholders.

ATTACH AS APPENDIX 14.1

- 14.2.** Set out details of all voting shares and holders of non-voting shares and loan stock, distinguishing clearly between these categories, and also showing details of beneficial owner(s) if not the same with the registered holders of such shares. (Further pages may be added, or the layout altered, if necessary).

Name of investor	Address	Investment (Rand Value)

ATTACH AS APPENDIX 14.2

Note: The Authority would like assurance that reasonable evidence can be provided of bona fide investors, before granting a licence. Written confirmation of agreements in principle should be submitted from all proposed investors (as stated above) of more than 3% of the Applicant's total financing, covering in particular the amount to be invested, the percentage shareholding, and any pre-conditions to making such investment.

15. METHOD (S) OF RAISING CAPITAL

- 15.1.** Briefly describe the manner in which the share/loan capital will be raised (e.g. whether a prospectus will be issued, and the timescale involved). Give details of any proposal to have share capital publicly quoted, if applicable.
- 15.2.** Indicate whether any funds, credits or other financial assistance for the construction, purchase or operation of the station will be provided by foreigners, foreign entities, domestic entities controlled by foreigners, or their agents? If yes, please specify the amount and disclose the agreements or terms and conditions for providing such funds.

ATTACH AS APPENDIX 15

16. OTHER LOANS

- 16.1.** Provide details of lender, interest rate and repayment terms.

ATTACH AS APPENDIX 16

17. BANK FACILITIES

- 17.1.** Provide details of both existing and/or planned bank facilities or other credit arrangements, including evidence of confirmation from the lender(s) of:
- 17.1.1.** Terms of borrowing (repayments, covenants, etc.)
- 17.1.2.** Security or guarantees given and /or charges to the Applicant in respect thereof; and
- 17.1.3.** The identity of the lenders.

ATTACH AS APPENDIX 17

18. GRANTS AND DONATIONS

If the Applicant plans to use alternative or additional sources of funding for its capital expenditure (i.e. other than share capital or loan stock) list these below. Indicate any pre-conditions relating to the purpose for which the funds will be used.

Note: Applicant's attention is drawn to guidelines on funding by public bodies.

Source of funds	Type of funding agency (e.g. charitable trust)	Amount

ATTACH AS APPENDIX 18

Note: Written confirmation from the proposed sources should be submitted for agreements for funding of more than 3% of the Applicant's total financing.

19. ADVERTISING REVENUE

Provide forecasts of advertising revenue (showing gross revenue, less agency commission and discounts) for the first ten (10) years of the licence period.

ATTACH AS APPENDIX 19**20. REVENUE FROM SPONSORSHIP CO-FUNDING OR OTHER SOURCES**

Provide forecasts of net income (showing gross income, less deductions for commission, etc.), and the basis on which it has been calculated for the first ten (10) years of the licence period.

ATTACH AS APPENDIX 20

SECTION 4:**DEMAND, NEED AND SUPPORT FOR THE PROPOSED SERVICE****21. APPEAL OF PROGRAMME SERVICE**

- 21.1.** To what extent, and in what way, is the proposed programme service designed to "cater for the tastes and interests of persons living in the proposed area"? Kindly motivate fully your reasons.
- 21.2.** Is the programme service designed to appeal especially to particular sections of demographic groups (e.g. certain age group) within the population?
- 21.3.** To what extent, and in what way, will the proposed service cater for tastes and interests different from those catered for by any other existing broadcasting service within part or all of the licence area?

ATTACH AS APPENDIX 21**22. EVIDENCE OF NEED, DEMAND AND SUPPORT FOR PROPOSED SERVICE**

- 22.1.** Taking cognisance of the existing television broadcasting services in the proposed licence area, indicate is there a need for the proposed service?
- 22.2.** Summarize the main findings of a primary market research undertaken as proof that the proposed service will cater for tastes and interests of people living in the area.
- 22.3.** Attach a copy of the primary market research in line with the following requirements:
- 22.3.1.** Research must be geographically and demographically representative of the licence area.

22.3.2. The sample size of the research must be statistically representative with a confidence level of 95% and margin of error (degree of accuracy) of 5%.

22.3.3. The primary research must be conducted by an independent party with demonstrated credibility or accreditation.

ATTACH AS APPENDIX 22

23. SIZE AND COMPOSITION OF AUDIENCE

23.1. Indicate the expected size of your weekly audience?

23.2. Submit estimates of actual number of viewers/listeners, and/or 'weekly reach' as a percentage of the adult population of the licence area, together with the anticipated average weekly hours of viewing.

ATTACH AS APPENDIX 23

24. SUPPORT FOR THE APPLICANT

24.1. Submit details of support for the proposed service. This should include support from the following:

24.1.1. Advertisers;

24.1.2. Surveys conducted indicating the need for the existence of the service; and

24.1.3. Signatures of supporters /potential viewers

ATTACH AS APPENDIX 24

**SECTION 5:
COMPLAINTS AND CODES OF OPERATIONS**

25 COMPLAINTS AND CODES OF OPERATION

- 25.1 Describe how you propose to handle and consider comments and complaints about the service.

ATTACH AS APPENDIX 25.1

- 25.2 Describe the procedures to be adopted to ensure compliance by employees and others associated with the service, with the Act, applicable regulations, licence conditions, and Code of Conduct for Broadcasting Services and the Code of Advertising Practice of the Advertising Standards Authority of South Africa.

ATTACH AS APPENDIX 25.2

- 25.3 Are you a member of or intend becoming a member of any broadcasting organisation/Body (e.g. NAB, BCCSA, ASA, etc.)?

ATTACH AS APPENDIX 25.3

SECTION 6: PROGRAMMING

RESPONSES TO THIS SECTION OF THE APPLICATION WILL FORM THE BASIS OF THE APPLICANT'S "PROMISE OF PERFORMANCE" AND ARE TO BE INCORPORATED IN THE LICENCE ISSUED FOR THE LICENCE PERIOD.

26 PROPOSED PROGRAMME SERVICE

26.1 Outline, briefly and in general terms, the approach and objectives of the proposed programme service, and the format and content to be provided:

26.1.1 Indicate when your peak-time will be;

26.1.2 Whether you propose to be a 'full service', or more specialised in appeal; whether pre-dominantly music-led or speech-based; and

26.1.3 The extent to which output will be locally-originated or part of a wider externally-sourced service.

ATTACH AS APPENDIX 26**27 PROGRAMME SCHEDULE**

27.1 Using, if necessary, a maximum of two pages for each, provide an outline of the proposed programme schedule of:

27.1.1 a typical weekday (indicating variations from day to day, as appropriate);

27.1.2 a typical Saturday; and

27.1.3 a typical Sunday.

- 27.2 Summaries for each programme sequence, the main type(s) of music and/ or speech content, style of presentation. Indicate duration and scheduling of any national/international and/or local/regional news output. These should be consistent with responses to other questions in this section or the application.

ATTACH AS APPENDIX 27

Note: The successful Applicant will be permitted to vary the detail and timings of this outline Schedule, provided that the format of the service proposed is maintained within the undertakings made in this application.

28 NEWS OUTPUT

- 28.1 Provide details of the total daily time proposed for local, national and international news output, percentage breakdown of the different languages news will be broadcast in and the sources of news in each category.

ATTACH AS APPENDIX 28.1

- 28.2 Provide details of the total daily time proposed for current affairs, the duration of each broadcast, and a percentage breakdown of different languages current affairs will be broadcast in. Further provide the percentage of the current affairs that will be generated from the coverage area.

ATTACH AS APPENDIX 28.2

29 PROPOSED LANGUAGE(S)

- 29.1 With regards to programming, state which language(s) will be used, give details of the expected amounts of such programming and its time of scheduling, and estimate the number of persons living in the area who are able to understand the language(s) to be used and the

percentage of the total population of the licence area which they represent:

Language	% of Programming	Time of Scheduling	People living in the area who are able to understand that language	% of the total population of the licence area which they represent

ATTACH AS APPENDIX 29

30 AUTHORISATION OF CHANNELS

- 30.1 Give details of all channels that would need to be authorised by the Authority from start-up (whether such channels are permanent or temporary, titles of channels, countries of origin and genre, and whether such channels comply with the Code of Conduct for Broadcasting Services.

ATTACH AS APPENDIX 30

31 PROGRAMMING SUPPLY AGREEMENTS

- 31.1 Give details of any current/proposed agreements/contracts between the Applicant and/or a related body corporate and other service/channel providers or video programme producers/distributors.

ATTACH AS APPENDIX 31

32 COMPLIANCE WITH SOUTH AFRICAN CONTENT REGULATIONS

- 32.1 Give details of how the service will comply with regulation 5(1) read with 5(2) of the Authority's South African Television Content Regulations for Broadcasting Licensees published on 23 March 2016, Government Gazette No. 39844.

ATTACH AS APPENDIX 32

33 PROMISE OF PERFORMANCE

- 33.1 Indicate how, through the diversity of its service, the Applicant intends to reflect the diverse nature of South African society. Give details of any provincial programming.
- 33.2 Summarise how this service will contribute to the broadcasting field as a whole.

ATTACH AS APPENDIX 33

CONCLUSION**34 OTHER MATTERS**

- 34.1 State briefly why the Authority should grant the Applicant the licence, and give details of any other matters which the Applicant considers that the Authority should be aware of.

ATTACH AS APPENDIX 34

35 AFFIDAVIT

Applicants are required to conclude their submission with the following certificate: -

I acknowledge that the Authority is entitled to have any issued licence set aside should it be found that any material statement in this Application is false and has been made by the Applicant or any officer thereof knowing it to be false.

Signed on behalf of the **APPLICANT**

Full name: _____

Designation: _____

Duly authorised thereto

I certify that on the day of2017, in my presence atthe Deponent signed this declaration and declared that he/she:

1. knows and understands the contents hereof;
2. had no objection to taking the prescribed oath; and
3. considers the oath to be binding on his/her conscience.

COMMISSIONER OF OATHS

[Letterhead of the Applicant, including full postal address, telephone and fax numbers and e-mail address]

ANNEXURE A – CURRICULUM VITAE

[State the name of the Applicant]

Proposed Position:	
First Name:	Surname:
Date of Birth:	Nationality:
Gender:	ID/Passport Number:

Summary of professional education and training:

From	To	Qualification

Summary of professional experience over the last 10 years, in reverse chronological order.

From	To	Company/Project/Position/Relevant technical and management experience

Describe below, in a maximum of 250 words, significant highlights of your professional experience and achievements relevant to the proposed position. Indicate particular technical and managerial experience relevant to the proposed position.

Briefly describe your experience in the broadcasting sector (maximum 150 words)

Membership of Professional Bodies	
Name of body	Membership Number

Signed _____

Name _____

For and on behalf of [name of the Applicant]

**SECTION 7: RADIO FREQUENCY SPECTRUM LICENCE FOR MUX 3
FREQUENCIES****SCHEDULE E -RADIO FREQUENCY SPECTRUM APPLICATIONS**

1. Applications submitted must be in the format as provided in Schedule I and applicants are required to respond to all questions in full as set out in Schedule I.
2. If any question is considered not applicable, please mark N/A and provide an explanation regarding such contention.
3. All applications submitted to the Authority pursuant to this ITA, save for all information granted confidentiality by the Authority in terms of section 4D of the ICASA Act, will be made available for public inspection.
4. In terms of section 4D of the ICASA Act, Applicants may request that any part of the application be treated as confidential. The request for confidentiality must be made in terms of section 4D of the ICASA Act and should be accompanied by a written statement explaining why the specific information should be treated as confidential. Requests for confidentiality will be considered in accordance with the provisions of section 4D of the ICASA Act.
5. The Authority will make a determination on the request for confidentiality within fourteen (14) working days of receiving the request and will communicate its decision to the respective Applicant.
6. In the event that the request for confidentiality is refused, the Applicant may choose to withdraw the information on which confidentiality is requested.
7. Confidential information should be clearly marked as such and

submitted separately.

8. An applicant must apply for the assignment of MUX 3 broadcasting frequencies as specified in Annexure G and or the Latest Version of the Terrestrial Broadcasting Frequency Plan 2013.
9. Failure to comply with any of these requirements and provisions of the Radio Frequency Spectrum Regulations 2015 will render the application null and void.
10. The Radio Frequency Spectrum licence for MUX 3 frequencies must be awarded using competitive processes. The following stages will be followed:

Phase 1 - Prequalification criteria

Phase 2 - Granting of spectrum licence

11. The minimum requirements for the prequalification stage are as follows:
 - 11.1. An applicant must be a television broadcasting service licensee as defined in the Promotion of Diversity and Competition on Digital Terrestrial Television Regulations or in possession of a commercial subscription television broadcasting service licence granted by the Authority.
 - 11.2. An applicant must have a minimum of 30% equity ownership held by persons from Historically Disadvantaged Groups alternatively, in instances where an Applicant does not have such 30% equity ownership, must be a level 4 and above contributor (BBBEE status) in terms of the Codes of Good Practice published in terms of section 9(1) of the BBBEE Act.
12. An applicant that fails to comply with any of the requirements of paragraph 11 will be disqualified.

13. The successful applicant(s) will be assigned up to 55% of MUX 3 capacity by the Authority for commercial Free to Air television broadcasting services.
14. The Authority reserves the right not to award frequencies should applicants not meet the requirements as set out in this ITA.
15. An applicant must commit not to engage in any activity, which would or could be construed as an illegal or corrupt practice, either directly or indirectly. Any such practice will be grounds for disqualification.
16. This licensing process for the **Radio Frequency Spectrum Licence For Mux 3 Frequencies** shall culminate in the issuing of licences to the successful applicant(s) who will be assigned capacity on MUX 3 for commercial free to air television broadcasting services.

SCHEDULE F: PROPOSED LICENCE TERMS AND CONDITIONS**1. TYPE OF LICENCE**

1.1	Multiplex 3 (MUX 3) Radio Frequency Spectrum Licence
-----	--

2. GEOGRAPHICAL AREA

2.1	National, within the borders of the Republic of South Africa
-----	--

3. DURATION OF SPECTRUM LICENCE

3.1	This licence shall be valid from the date of issue and shall run parallel to and not exceed the duration of a service licence contemplated in Chapter 3 of the Electronic Communications Act, 2005 (Act No. 36 of 2005).
-----	--

4. SPECTRUM LICENCE FEES

4.1	The licensee must pay the radio frequency spectrum licence fee as prescribed from time to time.
-----	---

5. RIGHT TO USE MUX 3 RADIO FREQUENCY SPECTRUM

5.1	The licensee is authorised to use the frequencies in accordance with the technical parameters and locations as set out in Annexure G that forms part of this licence.
5.2	<p>The Authority makes the following transitional arrangements for the right of use of radio frequency spectrum in Annexure G until Analogue Switch Off (ASO), where after the plan as set out in Annexure J of the latest version of the Terrestrial Broadcasting Frequency Plan ("Annexure J") will be applicable in relation to MUX3:</p> <p>5.2.1 That Broadcasting Spectrum Assignments in the band above 694 MHz, in the affected areas as stipulated in the Terrestrial Broadcasting Frequency Plan, are to be used subject to meeting the conformance requirements in line with the GE06 Plan and are to be phased out during the performance period.</p> <p>5.2.2 That broadcast transmissions and services ancillary to broadcasting in the band above 694 MHz are to be systematically switched off.</p>

	5.2.3 That sharing and co-existence in the band above 694 MHz is to be implemented systematically through a Geographic separation of Mobile IMT Systems and Broadcasting Services in affected areas in accordance with the Terrestrial Broadcasting Frequency Plan 2013, read with the First Update to the Terrestrial Broadcasting Plan 2013 until the end of migration from Analogue to Digital Terrestrial Television process.
--	---

6. WITHDRAWAL OF RADIO SPECTRUM LICENCE

6.1	Failure to meet fifty percent (50%) of the rollout-targets set out in the roll-out obligation prior to the second anniversary of the first proposed launch of the service is considered non-utilisation and will result in the radio frequency spectrum licence withdrawal.
-----	---

7. RADIO COVERAGE ROLL-OUT OBLIGATIONS

7.1	A licensee must ensure that the appointed signal distributor use the MUX 3 broadcasting frequencies for the construction and operation of Digital Terrestrial Television Distribution Network for the provisioning of commercial television broadcasting services.
7.2	A licensee must ensure that the appointed signal distributor distributes 55% of MUX3 capacity that is assigned by the Authority pursuant to the issue of this spectrum licence.
7.3	The successful applicant will be required to enter into a commercial agreement with the signal distributor appointed to distribute 45% of MUX 3 capacity assigned by the Authority pursuant to the finalisation of the process to licence the MUX 3 spectrum to a commercial subscription broadcasting service licensee.
7.4	Fifty percent (50%) of the MUX 3 Digital Terrestrial Television Distribution network must be completed prior to second anniversary of the first proposed launch of the service.
7.5	The Authority shall review the radio frequency spectrum utilisation by the licensee two (2) years after ASO.
7.6	A licensee must submit to the Authority - prior to the second anniversary of the launch of the service - a declaration: <ul style="list-style-type: none"> a) indicating that the services are being provided; and b) detailing the extent of the network roll-out

8. GENERAL CONDITIONS

8.1	The licensee must at all times observe the provisions of international telecommunications conventions, such as those governing the International Telecommunication Union (ITU) and as they apply to the Republic of South Africa.
8.2	The licensee indemnifies ICASA against any claims for damages that may occur as a result of the switching off of the transmitters as stipulated in Annexure J or, as a result of any interruptions to the service that may affect the quality of signals.
8.3	The licensee indemnifies ICASA against any claims for damages that may result from interference to or interruption of the transmitters caused by radio users and electronic communication lines lawfully operated in terms of the Radio Frequency Spectrum Regulations.

SCHEDULE G – APPLICATION AMENDMENT

1. An applicant, who after submitting an application but before the Authority has made a decision thereon, wishes to effect changes to the Application with respect to information detailed in Schedule D, must notify the Authority and submit a written request to amend the application within three (3) days of such change.
2. the Authority may grant the applicant's request to amend its application where this will not:
 - 2.1. unfairly prejudice other interested parties;
 - 2.2. impede the expeditious and proper consideration of the application;
and
 - 2.3. materially change the application.

**SCHEDULE H – REQUEST OF SUBMISSION OF SUPPLEMENTARY
INFORMATION**

1. The Authority may require an applicant to prepare and submit any supplementary information regarding any aspect of its application within the application process.
2. The Authority may direct an applicant to submit any such supplementary information within seven (7) days after receiving a written request.
3. Any request by the Authority may be made to any applicant who submitted an application by the closing date.

SCHEDULE I – DISQUALIFICATION CRITERIA

1. An Applicant will be disqualified from the application process where such Applicant has:
 - 1.1. submitted an application but is an affiliate of another Applicant, or possesses an ownership or financial interest in another Applicant within the same application process; or
 - 1.2. capacity already assigned to it or its affiliate or related party in Multiplex 1 or 2; or
 - 1.3. been granted a radio frequency spectrum licence by the Authority within the designated range unless the applicant has less than the maximum bandwidth made available in line with the Radio Frequency Spectrum Regulations 2015 in which case such applicant will only be allowed to apply for additional spectrum which results in total assignment not exceeding the maximum bandwidth made available;
 - 1.4. submitted more than 1 (one) application to the Authority in response to this ITA; or
 - 1.5. at any point during the application process, less than 30% equity ownership held by persons from Historically Disadvantaged Groups or is below a level 4 contributor (BBBEEE Status) in terms of the Codes of Good Practice published in terms of section 9(1) of the BBBEE Act; or
 - 1.6. submitted an application which contains false or misleading information; or
 - 1.7. colluded or attempted to collude, with another Applicant; or
 - 1.8. obtained or acquired confidential information relating to another Applicant without consent from the Authority and/or the owner of such confidential information; or
 - 1.9. has failed to comply with the terms and conditions of the application set out in the ITA, the provisions of the Act, the ICASA Act, Broadcasting Act and the RSFR.

SCHEDULE J: APPLICATION PROCEDURE - RADIO FREQUENCY
SPECTRUM LICENCE FOR MUX 3 FREQUENCIES

The following information must be provided, if the information to be supplied is not applicable, then the abbreviation 'N/A' must be written in the field accompanied by a succinct explanation as to why it is not applicable.

1. NAME OF THE APPLICANT AND PROPOSED STATION NAME

1.1. NAME OF APPLICANT

1.2. PHYSICAL ADDRESS

1.3. POSTAL ADDRESS

1.4. COMPANY REGISTRATION/IDENTIFICATION NUMBER

1.5. TELEPHONE NUMBER

1.6. E-MAIL ADDRESS

2. SUBMIT THE FOLLOWING DOCUMENTS:

- 2.1. The Applicant's Annual Report and that of its main shareholders from the previous three years;
- 2.2. The Applicant's audited financial statements and those of its main shareholders, from the previous three years;
- 2.3. Full particulars of the Applicant's technical experience and the expertise of the Applicant, its partners, shareholders, suppliers and contractors in the business contemplated;
- 2.4. Name and particulars of the proposed signal distributor accompanied by a letter of support from such signal distributor indicating its willingness; and
- 2.5. The extent of equity ownership of the applicant to be held by persons from historically disadvantaged groups:
 - 2.5.1. Extent of equity ownership by women;
 - 2.5.2. Extent of equity ownership by the youth;
 - 2.5.3. Extent of equity ownership by the disabled; or
 - 2.5.4. BBBEE status.

3. DESCRIPTION OF SERVICE

No.	Information Required
1	Description of service to be provided.
2	Target – population coverage

4. UNDERTAKING**WARRANTY UNDERTAKING**

I..... (duly authorised person) have prepared and/ or compiled, or directly supervised those who have prepared all or parts of this application and/or information constituting this application.

To the best of my knowledge, the application information contained herein, and any attachment thereto, is accurate and not misleading.

I further understand that should any information included herein be found to be false or misleading the entire application will be disqualified and the Applicant precluded from further consideration within the application process.

Name and title of the person authorised to sign this undertaking:

Authorised Signature: _____

Date: ____/____/ 2017

I certify that this declaration was signed and sworn to before me at

..... on the day of 2017, by the deponent who acknowledges that he/she:

- i. knows and understands the contents hereof;
- ii. has no objection to taking the prescribed oath or affirmation; and
- iii. considers this oath or affirmation to be truthful and binding on his/her conscience.

COMMISSIONER OF OATHS

Name:

Address:

Capacity:

ANNEXURE G - Digital Terrestrial Television Frequency Network 2013**DTT FREQUENCY ASSIGNMENTS DURING ANALOGUE-TO-DIGITAL MIGRATION**

STATION NAME	GEO. CO-ORDINATES		EXISTING				AMENDMENT			ADMINISTRATIVE	
	LAT	LONG	FREQ (MHZ)	CH	ERP (KW)	POL	FREQ (MHZ)	CH	ERP (KW)	STAT	CAT
AURORA	33S49 39	18E38 29	562	32	0.001	V	562	32	0.25	SPA	DTT3
BEZ VALLEY	26S11 41	28E05 00	570	33	0.07	V	570	33	0.5	SPA	DTT3
BLOEMFONTEIN	29S06 04	26E13 44	682	47	71	H	682	47	100	SPA	DTT3
CAPE TOWN	34S03 18	18E23 11	562	32	20	H	562	32	50	SPA	DTT3
DURBAN	29S46 12	30E43 00	506	25	62	H	506	25	100	SPA	DTT3
EAST LONDON	32S56 20	27E48 56	562	32	50	H	562	32	63	SPA	DTT3
FISHHOEK	34S08 59	18E26 08	562	32	0.05	V	562	32	0.1	SPA	DTT3
GRABOUW	34S06 07	18E58 00	562	32	0.5	V	562	32	1	SPA	DTT3
HELDERKRUIN	26S06 05	27E51 27	570	33	1	V	570	33	20	SPA	DTT3
HOUT BAY	34S00 46	18E20 51	562	32	2.5	V	562	32	4	SPA	DTT3
KIMBERLEY	28S51 15	24E54 17	666	45	10	H	666	45	68	SPA	DTT3
KLERKSDORP	26S45 15	26E24 28	530	28	10	H	530	28	50	SPA	DTT3
MENLO PARK	25S46 16	28E16 05	570	33	0.04	V	570	33	0.2	SPA	DTT3
MONDEOR	26S16 54	27E59 37	570	33	0.022	V	570	33	0.5	SPA	DTT3
MULBARTON	26S17 38	28E03 56	570	33	0.03	V	570	33	0.3	SPA	DTT3
NELSPRUIT ¹⁹	25S30 57	30E46 33	690	48	10	H	690	48	76	SPA	DTT3
OVERPORT	29S50 12	30E59 44	506	25	1.2999	V	506	25	26	SPA	DTT3
PAARL	33S42 51	18E56 23	562	32	2.4998	V	562	32	20	SPA	DTT3
PIETERMARITZBURG	29S34 47	30E19 49	506	25	1	V	506	25	20	SPA	DTT3
PRETORIA NORTH	25S41 29	28E10 02	570	33	0.02	V	570	33	0.25	SPA	DTT3
SEA POINT	33S54 33	18E23 51	562	32	0.3	V	562	32	0.4	SPA	DTT3
SIMONSTOWN	34S11 55	18E25 36	562	32	0.2	V	562	32	2	SPA	DTT3
STELLENBOSCH	33S54 59	18E52 10	562	32	0.5	V	562	32	0.8	SPA	DTT3
SUNNYSIDE	25S45 58	28E12 21	570	33	1	V	570	33	20	SPA	DTT3
TABLE MOUNTAIN	33S57 26	18E24 11	562	32	0.5	V	562	32	0.6	SPA	DTT3
THE BLUFF	29S54 42	31E00 44	506	25	1.3	V	506	25	2.5	SPA	DTT3
THEUNISSEN	28S11 55	26E34 50	650	43	10	H	650	43	34	SPA	DTT3
TYGERBERG	33S52 31	18E35 44	562	32	1.9999	V	562	32	50	SPA	DTT3

Limitations on broadcast antenna systems due to SKA
Limitations

Foot Note No.	STATION NAME	BEAM WIDTH (DEGREES)	AZIMUTH (DEGREES FROM TRUE NORTH)
1	BEAUFORT WEST	236	145
2	CALVINIA	150	225
3	DE AAR	236	90
4	DOUGLAS	236	60
5	GARIES	284	260
6	POFADDER	150	345
7	PRIESKA	160	35
8	SPRINGBOK	284	270
9	UPINGTON	160	35
10	VICTORIA WEST	240	130
11	WILLISTON	150	225

Foot Note No.	STATION NAME	ERP REDUCTION	REDUCTION RANGE (DEGREES FROM TRUE NORTH)
12	ZEERUST	5dB	271°-16°
13	THABAZIMBI	10dB	246°-16°
14	TOLWE	12dB	259°-35°
15	ALI WAL NORTH	7dB	18°-85°
16	BETHLEHEM	7dB	147°-214°
17	ELANDS HEIGHT	10dB	301°-46°
18	MBUZINI	10dB	13°-293°
19	NELSPRUIT	8dB	110°-180°
20	UBOMBO	10dB	295°-48°
21	ULUNDI	7dB	344°-25°

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