

Magistrate Brian Nemavhidi
Per email: bnemavhidi@justice.gov.za

The Office of the Chief Justice
Attention Mr. Sello Chiloane
14th Floor Edura building
Marshalltown
Johannesburg

10/30/2015

Dear Sir,

It is with pleasure that I herewith nominate, Ms. Leago Stella Takalani as a candidate for the appointment to the Electoral Commission.

Ms Leago Stella Takalani is the founder and CEO of Luvhone Engineering & Consulting Partners. She brings with, a wealth of experience in the technology field, knowledge management, business process and program management areas. Her career traversed in different industries in both private and public sector viz: Mobile Telecommunications, Broadcasting, Satellite technology systems and Aviation.

She has held various Executive and management positions such as Executive: Technology at SENTECH SOC (the South African national radio and television signal distributor), Acting Executive: Engineering & Technical Services, Senior Manager: Technology (R&D) at Air Traffic & Navigation Services SOC and Senior Manager: Program Management at Smile Communications. She also worked for Cell C as Manager: Data and IP services and MTN as a system engineer.

She is also a co-inventor for a Patent registered and subsequently commercialized by HP for a technology platform used for connecting and provisioning numbers for new customer mobile SIM cards.

Ms. Takalani represented South Africa at the UN agency International Civil Aviation Organisation, where she presented a paper at the 12th Air Navigation Conference on behalf of South Africa in respect of protection of C-band Satellite spectrum for Aviation and safety of life applications in South Africa. She was formerly a member of Institute of Directors and Advisory Board member at the University of Pretoria.

Magistrate Brian Nemavhidi

She holds a certificate in International Executive Leadership Development Program from Wits/London Business School, Ethics officer certification program from South African Institute of Ethics, Master of Science in Technology Management from University of Pretoria and Bachelor of technology in Electrical Engineering from the University of Johannesburg, which was possible to achieve through the prestigious Orbicom-Nelson Mandela Scholarship.

As a patriotic South African and an engineering professional in her own right, she has experienced and lived to privilege of being a beneficiary of the South African democracy, as a result of the works of the Electoral Commission. It is as this juncture that she is well positioned to give back to her country and serve in the Electoral Commission, through the dispensing of her professional experience in the discharging of the prospective Electoral Commissioner duties.

I am confident that with the wealth of experience at her disposal, she is well equipped to add value in advancing the works of the Electoral Commission towards serving its country and its people.

Yours Faithfully,



NOMINATED BY:
MAGISTRATE BRIAN NEMAVHIDI



ACCEPTANCE OF NOMINATION BY:
MS LEAGO TAKALANI

MS LEAGO TAKALANI - CURRICULUM VITAE

SUMMARY

Ms Leago Stella Takalani is the founder and CEO of Luvhone Engineering & Consulting Partners. She brings with, a wealth of experience in the technology, knowledge management, business process and program management areas. Her career traversed in different industries in both private and public sector viz: Mobile Telecommunications, Broadcasting, Satellite technology systems and Aviation. She has held various Executive and management positions as Executive: Technology at SENTECH, Acting Executive: Engineering & Technical Services, Senior Manager: Technology (R&D) at Air Traffic Navigation Services and Senior Manager: Program Management at Smile Communications. She also worked for Cell C as Manager: Data and IP services and MTN as a system engineer.

She is also a co-inventor for a Patent registered and subsequently commercialised by HP for a technology platform used for connecting and provisioning numbers for new customer mobile SIM cards. She was formerly a member of Institute of Directors and Advisory Board member at the University of Pretoria. She also represented South Africa at the UN agency International Civil Aviation Organisation, where she presented a paper at the 12th Air Navigation Conference on behalf of South Africa in respect of protection of C-band Satellite spectrum for Aviation and safety of life applications.

She holds a certificate in International Executive Leadership Development Program from Wits/London Business School, Master of Science in Technology Management from University of Pretoria and Bachelor of technology in Electrical Engineering from the University of Johannesburg, which was possible to achieve through the prestigious Orbicom-Nelson Mandela Scholarship.

**PERSONAL
DATA**

NAME: *TAKALANI Leago Stella*
MARITAL STATUS: *Married*
NATIONALITY: *South African*
GENDER: *Female*
RACE: *African*
EMAIL: *leago@luvhone-engineeringpartners.com*
MOBILE: *27 79 250 4428 127 79 750 6051*
LANGUAGES: *English, Sotho, Venda, Tsonga. French*
(learning)

EDUCATION

UNIVERSITY OF SOUTH AFRICA, Pretoria SA, *Bachelor of Arts: International Relations & Diplomacy, 1st year, Major subjects: French Language, International Politics.*

WITS UNIVERSITY & LONDON BUSINESS SCHOOL, Johannesburg/London (SA/UK), *International Executive Development Program, 2013*

UNIVERSITY OF PRETORIA, Pretoria SA, *Master of Science: Management of Technology, 2012 Thesis: A study into the migration of LTE by mobile operators in S. Africa Honours Bachelor of Science: Management of Technology, 2011*

UNIVERSITY OF JOHANNESBURG, Johannesburg SA, *Bachelor of Technology: Electrical Engineering, 2008*

WITWATERSRAND TECHNIKON, Johannesburg SA, *Diploma: Electrical Engineering, 2001*

HILLVIEW HIGH SCHOOL, Pretoria SA, *Grade 12 High School Senior Certificate, Dec 1997*

**OTHER
COURSES**

GIBS, *Board Core Leadership, 2013*
SOUTH AFRICAN ETHICS INSTITUTE, *Ethics officer certification program, March 2013*
INSTITUTE OF DIRECTORS, *Director's pressure cooker on the Companies Act and King III, May 2013 Public Finance Management Act*

EMPLOYMENT HISTORY

SENTECH SOC, JHB, SA (2014 – October 2015), and Executive: Technology

- Reporting to Chief Operations Officer
- Leading the SENTECH Technology division with four (4) Divisional Heads as direct reports, and a team complemented by engineering and technology specialists
- Technology Business unit responsible for providing Civil, Mechanical, Electrical Engineering, Broadcast Network Engineering, Network Planning and Transmission Network for Terrestrial and Satellite transmission of Television and Radio Signal distribution services in South Africa.
- Ensuring that there is a business centric approach to technology investments for CAPEX and trials
- Divisional financial management
- Ensure strategic alignment of technology service delivery with business and strategic intent of customers.
- Enterprise and Divisional risk management
- Contribute to corporate planning and annual reporting as the responsible Executive for SENTECH technology matters.
- Facilities management of mast structures across the country for Civil, Mechanical, Electrical integrity
- Industrial action / Strike Management as part of Executive Team
- Ensure Health and safety compliance as the appointed company 16(2) in accordance to the act.

Achievements: During tenure at SENTECH, led the development of the SENTECH Digital Technology trials Blueprint and Business model for "Proof of Concept" investments made by the company. Board approval of the SENTECH 5 year Technology Strategy that will see SENTECH transition into Digital Radio and technologies, technology management and Software Applications environment. Launching of the Digital Audio Broadcast (DAB+) technology pilot with six (6) South African radio stations - in partnership with National Association of Broadcasters/ Southern African Digital Broadcasting Association (NAB/SADIBA)

AIR TRAFFIC NAVIGATION SERVICES SOC, JHB, SA (2011 - 2014), Executive: Engineering & Technical Services (Acting)/Senior Manager: Technology (R&D) (Acted as Executive from 2012/08 to 2014/05)

- Reported to CEO (During period of acting) and to Executive: Engineering & Technical Services in the role of Senior Manager: Technology R&D.
- Member of EXCO and Social and Ethics Committee of the Board
- Technology areas within portfolio of responsibility viz: VSAT, GNSS, Radar, Navigation, VOIP, HF, VHF, Multilateration, Voice Switch systems, Display systems and MPLS network
- Leadership of business unit providing engineering, IT technology, Network infrastructure and management, necessary for control of aircrafts in the South African civil aviation airspace (10% of the world's airspace).
- Management of a team of engineering, IT specialists and four (4) senior managers as direct reports.
- Lead and direct senior managers responsible for departments viz: Strategic Planning, R&D

- including IT and Network infrastructure, Engineering projects, Maintenance and technical services.
- Risk management including business continuity planning for mission critical infrastructure classified as Safety of Life operations.
 - Contribute to the development of company wide strategy as a member of EXCO.
 - Development of unit strategy and implementation plans cascaded from organizational strategy
 - Technology management of infrastructure including network security management
 - Management of facilities including remote base station sites, airports sites, building structures and offices.
 - Spectrum management and lobbying at both international and regional level in the African continent Fulfil national requirements including presenting on behalf of South Africa at United Nations aviation agency (ICAO) on spectrum and technology related issues affecting aviation technology sustainability.
 - Technology space map, architecture and roadmap planning and development for both short, medium term and long-term view.
 - Ensure execution of strategy and delivery based on KPIs. Development of processes and procedures that will drive efficiency in the management of engineering infrastructure and information systems.
 - Identify and exploit commercial opportunities and ventures for technology deployment and commercialization.
 - Financial management of annual CAPEX budget ranging ± between USD 9M and USD 30M.
 - Responsible for oversight of technology infrastructure performance reporting and analysis, total quality management and improvement.
 - Ensure Health and safety compliance as the appointed company 16(2) in accordance to the act.
 - Trade union (Solidarity) negotiations and member of key executive management team responsible for ensuring a healthy relationship management between ATNS management and Trade union. Contract negotiations and establishment of new global partnerships related to R&D, technology innovation, acquisition, skills capacity building and intellectual property beneficiation.
 - Presenting on behalf of South Africa at relevant UN International Civil Aviation Organization, European Commission and SADC meetings as required.
 - Established the Engineering Specialist Development Blueprint in partnership with HR; which was successfully trialed, for transferring of scarce skills from ageing/retiring workforce to high potential staff
 - Led the establishment of the Engineering Graduate Training program in partnership with Organizational Development.
 - Contribute to organizational integrated report by ensuring development of pack for the annual report from business unit.
 - Manage infrastructure acquisition, use and disposal strategy and evolution thereof.
 - Development of consolidated technology space map for both software and hardware infrastructure.

Achievements: *Reformed the ATNS maintenance and support contract philosophy leading to savings and OPEX operational efficiency for key infrastructure. Concluded partnership agreement with France for training of specialist technical skills in aviation at ENAC, South African National Space agency, University of Pretoria for applied research. Led the grant application process with United States Trade Development Agency (USTDA) for engineering related feasibility study projects in Satellite Space Engineering for tracking for Civilian Aircrafts.*

SMILE COMMUNICATIONS PTY (LTD), Bryanston, SA 2008 – 2011 *Senior Manager: Program management for Group*

- Strategic planning and rollout of large-scale telecommunications start-up programs across Africa and the Middle East, with successful launch of the Uganda telecom operation.
- Regional Program management and overseeing of multiple projects for establishment and rollout of marketing plans, legal, finance, logistics, business development, networks, business planning, facilities and HR functions; in partnership with general management.
- Management of virtual teams across different countries, in the case of concurrent programs.
- Contract negotiation, financial management as company bank account signatory in country of deployment.
- Program management of company wide business process development and testing based on e-Tom model.
- Knowledge management.
- Co-ordination of corporate strategy development, preparation of board reports on OPCO (Operating companies) rollout.
- Radio network planning and design for WiMax networks
- Acting Chief Technology Officer where required.
- Reporting to Group Chief Technology Officer and matrix to EXCO management on program related issues.

Achievements: *Successful launch of the Uganda start-up telecommunication business and operation.*

CELL C PTY (LTD), Sandton SA *Manager: Data and IP Services, VAS (Other positions held: Service design engineer, Senior Specialist)*

- Reported to Senior Manager: V AS
- Leading a department providing Mobile value added services technology operations, e-commerce, VAS applications system management, data wireless application, mobile Internet application management as well as Multimedia mobile messaging services.
- Operations and SLA management.
- Call centre /VAS department stakeholder engagement for 5 million subscribers.
- MVNO VAS implementation for Virgin Mobile start-up.
- Management of a technical specialist team comprising of design engineers and senior specialists.
- Technology innovation, patent registration process, beneficiation and commercialization in partnership with Legal.

MTN PTY (LTD), Fairlands, SA 2002 – 2005 *Systems Engineer*

- Reported to Manager: Prepaid systems.
- Operations and maintenance of prepaid administration system for recharge service and customer billing.
- Development of software applications and tools (Java, Open Source, Oracle, Ingres SQL, CORBA etc.) for enhancing operation of the systems and database administration.
- Systems planning.

HUAWEI TECHNOLOGIES Co. LTD 2004 (3 months Contract) Product Manager:
Intelligent networks & VAS (Africa sub-Sahara region)

- Reporting to IN Networks Director and country CEO in bid countries.
- Pre-sales and bid management for technical systems required for prepaid billing system and Value added services i.e. Voicemail, SMS, MMS and Data systems. ORBICOM MULTICHOICE, Randburg, SA 1999 – 2000 Trainee: Electrical Engineering
- Maintenance of satellite transmission equipment for broadcast television, terrestrial transmission head-end and broadcast systems (Unix platforms, IRDETO encryption and NDS video compression and processing systems)

**PAST
MEMBERSHIPS**

UNIVERSITY OF PRETORIA, *Advisory Board Member, Department of Electrical Engineering and Computer systems engineering)*
EUROPEAN COMMISSION / DEPARTMENT OF SCIENCE & TECHNOLOGY, *member of the EGNOS Satellite Based Augmentation system Department of Science and Technology Project Steering Committee*

**STAKEHOLDER
ENGAGEMENT**

**NATIONAL ASSOCIATION OF
BROADCASTERS**

BROADCASTERS: SABC, PRIMEDIA, POWER FM, MULTICHOICE, RADIO PULPIT, NORTHWEST FM
Engagement at General management and Executive level.

DEPARTMENT OF COMMUNICATIONS: DTT PMO
representation on behalf of SENTECH.

MILITARY: Participation in South African Air Force / ATNS EXCO meetings

SOUTH AFRICAN CIVIL AVIATION: Participation in SACAA/ATNS EXCO meetings

AVIATION INDUSTRY OPSCOM: Annual presentation of CAPEX plans and progress
AASA: AGM on behalf of ATNS associate membership

UN ICAO: Presenting papers and participating in technology planning

CIVIL AVIATION NAVIGATION SERVICES ORGANISATION: Speaker and technical support

SHAREHOLDER DEPARTMENT OF TRANSPORT: ATNS
AGM as member of EXCO

UNITED STATES TRADE DEVELOPMENT AGENCY
COFININDUSTRIA

PARLIAMENT: Supporting ATNS Chairman/CEO at
Parliament when required

STATUTORY

Director accountability as per revised SA companies act
ATNS, Company appointed 16(2) for OHAS,
SENTECH, 16(2) for OHAS (Current)

PUBLICATIONS

Takalani, S. & Erasmus, L., 2012. *An Investigation into the Readiness of Mobile Telecommunication Companies to Migrate to LTE in South Africa. In 9th International Council of System Engineering SA Conference 2012: Systems Engineering - the Jewel in the Crown. Pretoria, South Africa, 2012. INCOSE SA Chapter.*

PR

Panellist: Air Traffic Control Global 2012, RAI Amsterdam.
Rethinking Air Traffic Management funding - investment models for financing infrastructure for aviation.

International Council of System Engineering SA, Long Term Evolution in South Africa, August 2012

Assuming Master of Ceremony role as required, ensuring protocol is observed when directing the program for hosting the shareholder and Ministerial visit to the ATNS SOC.

Civil Aviation National Organization, Airport Runway Safety conference in Cape Town, Available TE October 2012.

Panellist at the Mobile Device Management conference, Bangkok, 2007.

Featured in CEO Magazine as one of South Africa's most influential women in Business, 2012/13.

PATENTS/IP

Method and System for on demand provisioning in a mobile communication network (2008). Co-inventor for Provisioning on demand system commercialized and industrialized by HP, and used in Mobile telephony today for activating Mobile SIM cards

on demand (Numberless SIM, saving OPEX on HLR)

**CAREER
ACHIEVEMENTS**

Led establishment of ATNS Technology Research & Development unit (2011)

Led the start-up and founding of the pan African AVI Afrique (Aviation Innovation summit forum for Africa), which was inaugurated on November 2012, which has since been sponsored by AIRBUS, SAA amongst others.

Awarded the Smile Communications Star employee of the year award, by Smile CEO for outstanding performance and successful launch of Uganda operation, as the Group's Senior Manager: Program management (2010).

Awarded Cell C certificate of Excellence by Chief Technology Officer (2007).

Awarded third prize by BHP Billiton, for the most innovative project idea in Electrical Engineering at University of Johannesburg (Network based Digital Electric Stove concept), 2001.

Awarded the Orbicom Nelson Mandela scholarship for studying Engineering (1998)

REFEREES

Available on request.