



m: 084 800 0187
t: 087 898 0849
e: info@sazienviromental.co.za / nzungu@sazienviromental.co.za
a: 57 Pretorius Road, President Park AH, Midrand, 1682

28 November 2022

Ms Natasha Higgitt
South African Heritage Resources Agency
111 Harrington Street
PO Box 4637,
Cape Town,
8001

Email: nhiggitt@sahra.org.za

Dear Ms Higgitt,

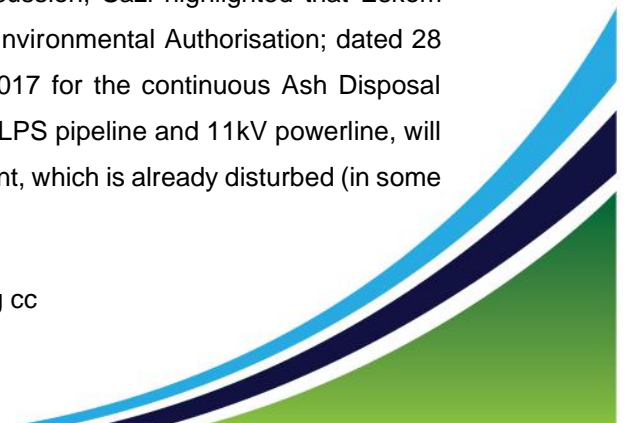
**RE: APPOINTMENT OF A PALEAONTOLOGIST TO COMPLETE COMPREHENSIVE
PHASE 2 PIA ASSESSMENT**

Sazi Environmental Consulting cc was appointed by Eskom Holdings SOC Limited to undertake a basic assessment with an objective to obtain an Environmental Authorisation which follows the National Environmental Management Act, 1998 (Act No. 107 of 1998): Environmental Impact Assessment Regulations (2017); with the National Department of Forestry, Fisheries and Environment (DFFE).

In accordance with the requirements of the National Environmental Management Act, 1998 (Act 107 of 1998) (NEMA) and associated regulations, the Applicant is applying for Environmental Authorization (EA) from the Department of Forestry, Fisheries and Environmental (DFFE) for the proposed project through the undertaking of a Basic Assessment process as prescribed in GN R. 326 of the Environmental Impact Assessment (EIA) Regulations of 2017.

The draft Basic Assessment report and supporting documents were submitted to SAHRA in terms of NEMA (1998) during the statutory 30-day public review period for commentary. On the 3rd of November, SAHRA submitted an interim comment which requested a field-based PIA to be completed as part of the EIA process as the proposed development is located in an area of very high palaeontological sensitivity. Upon further discussion, Sazi highlighted that Eskom Kendal Power Station was granted with an Integrated Environmental Authorisation; dated 28 July 2015 and Water Use License; dated 08 August 2017 for the continuous Ash Disposal Facility (ADF) project. The proposed new infrastructure, LPS pipeline and 11kV powerline, will be constructed within the authorised development footprint, which is already disturbed (in some

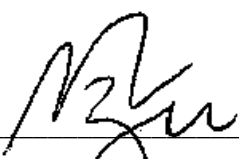
Company Trading Name: Sazi Environmental Consulting cc
Company Registration number: 2011/036549/23
Directors: Mrs Nonkanyiso Zungu



areas) as construction for the continuous ADF has commenced. SAHRA proposed that Sazi Environmental Consulting CC can motivate for an exemption from a field based PIA.

A letter of motivation for exemption from a Phase 1 site visit has been compiled by Dr Groenewald (please see attached). In this letter/application Dr Groenewald has recommended the appointment of a palaeontologist to complete a comprehensive Phase 2 PIA assessment (field based assessment during construction) as a minimum requirement for monitoring of excavations into the Vryheid Formation strata. Eskom, as per the conditions of the IEA granted on the 28th of July 2015, appointed Dr Munyadziwa Magoma as an onsite archaeology specialist and Dr Francois Durand as an onsite palaeontology specialist, both of Vhubvo Archaeo-Heritage Consultants, to be on-call during construction excavations (please see appendix 1A and appendix 1B) for the construction phase of the Continuous Ash Disposal project. The appointed palaeontologist has completed an induction for both the appoint ECO and the contractor regarding the site-specific Chance find protocol for items of palaeontological importance (please see appendix 2).

Therefore, should any artifacts of palaeontological importance be found, there is a specialist on-site for further assessment and to assist in adhering to SAHRA guidelines.



Sazi Environmental Consulting cc
Nonkanyiso Zungu, Pr.Nat.Sci (Msc, Env.Mngt)



APPENDIX 1A: ARCHAEOLOGY AND PALAEONTOLOGY SPECIALIST CREDENTIALS



APPENDIX 1B: PROFESSIONAL REGISTRATIONS



APPENDIX 2- ESKOM TASK ORDER





Curriculum Vitae of Munyadziwa Magoma

Cell No: 082 5356 855

Email: munyadziwa@vhubvo.co.za

PERSONAL DETAILS

Full Names : Munyadziwa Magoma
Birth date : 16 June 1979
Nationality : South Africa
Gender : Male

ACADEMIC ACHIEVEMENTS

Qualification : PhD of Archaeology (Heritage)
Institution : University of Pretoria
Obtained : Candidate

Qualification : Masters of Arts (Archaeology)
Institution : University of Pretoria
Obtained : 2014

Qualification : Honours in Archaeology
Institution : University of Venda
Obtained : 2009

Qualification : Bachelor of Arts (Archaeology and Anthropology)
Institution : University of South Africa
Obtained : 2004

SPECIALIZATIONS

- Heritage Impact Assessment
- Archaeological Impact Assessment
- Palaeontological Assessment
- Grave relocation and Interment
- Identifications of Bones (Human and Animal)
- GPR interpretation
- Mapping and Grid Setting
- Resettlement Action Planning
- Teaching and Training





CURRENT EMPLOYMENT

Organisation : Vhubvo Archaeo-Heritage Consultant
Position held : Managing Director
Duration : 2010-present
Duties : Conducting Archaeological Impact Assessment
Facilitating Social Impact Assessment and Public Participation
Exhumation and Interment of Graves
GPR Data Analysis
Overseeing Resettlement Action Plan
Review Monitoring reports

PART-TIME EMPLOYMENT

Organisation : University of Limpopo
Position held : Lecturer
Duration : 2020-present
Duties : Teaching
Supervising of MA and Hons Students
Archaeological Field Training

OTHER RELEVANT PROJECTS

During my 15 years' experience in the field of Heritage Management, I have relocated, managed and monitored the relocations of over thousand graves, and completed over two thousand Heritage and Archaeological Impact Assessment Projects, as well as accomplishing over 500 Heritage Impact Assessment and monitoring into structures. These includes, but not limited to:

- Exhumation of human remains and Demolishing of Iron age sites for the construction of Eskom Monongeng substation within the jurisdiction of the local municipality of Elias Motsoaledi in the Sekhukhune District of Limpopo province;
- Social Facilitation and Exhumation of human remains affected by construction of Mtentu N Haul Road in the Pondoland area of the Wild-Coast region - Eastern Cape Province;
- Social Facilitation and Exhumation of human remains affected by construction of Mtentu S Haul Road in the Pondoland area of the Wild-Coast region - Eastern Cape Province;
- Social Facilitation and Exhumation of human remains affected by construction of Msikaba N Haul Road in the Pondoland area of the Wild-Coast region - Eastern Cape Province;
- Public Participation, Social facilitation and sieving of human remains disturbed during construction of Mpofana Pipeline from Bruntville to Spring Groove Dam in Rosetta area within Umgungundlovu District in the KwaZulu Natal province;
- Excavation of three Archaeological sites with medium significance and monitoring of 47 tower position in the Escourt Region of Kwazulu-Natal province;
- Heritage Management Plan for the construction of Trusteed Wastewater Treatment Works (WWTW) and associated infrastructure within uMshwathi Local Municipality of KwaZulu Natal province;





- Heritage Impact Assessment for the Proposed Operation of Approximately 450km Road Upgrade and Border Fence Operation Process for Botswana/ Zimbabwe/ Mozambique/ South Africa Borders within Limpopo and Mpumalanga province;
- Archaeological and Paleontological Impact Assessment for the proposed 22 kV power line at De Villiers area within Siyancuma Local Municipality in the Northern Cape province;
- Archaeological rescue exhumation and Iron Age site excavation at Malokela village within Greater Tubatse Local Municipality of Sekhukhune District Municipality in the Limpopo province;
- Relocation and interment of 5 family graves in Thohoyandou within Thulamela Municipality of Vhembe District. Limpopo province;
- Resettlement Action Plan and Cultural Documentation for the proposed development of Ariadne substation to Venus substation within uMgungundlovu and uThukela Districts of KwaZulu-Natal province;
- Tourism Impact Assessment for the proposed construction of a 400kV transmission power line from Foskop Substation (Phalaborwa) to Spencer Substation (near Giyani) and Spencer MTS Upgrading, Limpopo province;
- Heritage monitoring for the construction of Steel and Iron Feeder at Diepsloot Cementery in the City of Johannesburg within Gauteng province;
- Phase II Heritage Impact Assessment for altering and Demolition part of the structure on 54 Jorissen Street, Polokwane City. Polokwane Local Municipality of Capricorn District. Limpopo province;
- Social facilitation and permit application for graves and archaeological sites affected by the proposed 400kV Power Line from Estcourt to Pietermaritzburg, KwaZulu Natal province;
- Heritage rescue operation of graves affected by Road D4212 and D4213 from Mphanama to Pitseng Village in the Fetakgomo Local Municipality within Sekhukhune District Municipality, Limpopo province;
- Exhumation of graves which were noted during the upgrading (Gravel to Tar) of road D3770/ D3771/ D2009/ D3878 from Rita/ Tikkieline to Burgersdorp to Julesburg/ Rhulani to Hoveni to Callaise to Baloon to Sekororo in the Mopani District of Limpopo Province: E530/RAL;
- Archaeological and Cultural Heritage Phase I EMP Walk down for the proposed construction of approximately 220km 400Kv powerline from Medupi Powerstation to Witkopsubstation located within the jurisdiction of Lephalale, Mogalakwena and Polokwane Local Municipality in the Waterberg and Capricorn District. Limpopo province;
- Phase I Heritage Impact Assessment (HIA) for the Proposed Construction and Operation of 150km, 400kV Power Line Project from Estcourt to Pietermaritzburg, KZN (Ariadne Venus Power Line). KwaZulu Natal province;
- Phase 2 Archaeological monitoring specialist report on the archaeological materials and/or graves at Eros Vuyani 400kv in the King Sabata Dalindyebo Local Municipality, Oliver Reginald Tambo District. Eastern Cape;
- Archaeological and Cultural Heritage Phase I walk-down of the construction and operational EMPR for the proposed 230km Juno-Gromis 400kv power line in the Namaqualand within the Northern and Western Cape;
- Phase II Heritage Impact Assessment for Demolition and Monitoring of structures over 60 years of Age, Cnr of Bodenstein and Landdross Mare Street, Erf 6164 Polokwane CBD, Limpopo Province;





- Phase II Heritage Impact Assessment and Demolition of Olifantsfontein Railway Station which is over 60 years of age and possessing cultural/ oral tradition within Ekurhuleni Metropolitan Municipality of Gauteng;
- Phase II Heritage Impact Assessment for the Alteration, Addition and Monitoring of the Detective Police Station (Mokopane) situated in the Town of Mokopane, within the Mogalakwena Local Municipality of Waterberg District, Limpopo Province;
- Phase II Heritage Impact Assessment for the proposed Alteration of a Fire Station and related Structure on Portion of Erf 808 Germiston South, Ekurhuleni Municipality, Gauteng;
- Archaeological Impact Assessment for the proposed prospecting rights on a 2 000 Ha extent of land in Kuruman District, Northern Cape;
- Phase II Heritage Impact Assessment for the Alteration of Police Station older than 100 years old situated in the Village of Haenertsburg within Greater Tzaneen Local Municipality of Mopani District, Limpopo Province;
- Phase II Heritage Impact Assessment for the proposed Alteration of Modimolle Police Station within Modimolle Local Municipality of Waterberg District, Limpopo Province.

PAST WORK EXPERIENCE

Organisation : Holistic Environmental Solution
Position : Head of Archaeology
Duration : 2010

Organisation : Amafa aKwazulu-Natali
Position : Heritage Officer
Duration : 2009

Organisation : University of Venda
Position : Archaeological Technician
Duration : 2006 – 2007

Organisation : Thohoyandou Arts and Culture Centre
Position : Cultural Officer
Duration : 2004

Organisation : Ditsong National Museum of Natural History
Position : Archaeozoologists assistance
Duration : 2002





ACCREDITATION

- Association of Southern African Professional Archaeologists (Member No: 313)
- South African Heritage Resource Agency
- South African Archaeological Society (Member No: TVL 184)
- The Society of Africanist Archaeologists (<http://safa.rice.edu/Members/>)
- International Council of Archaeozoology
(http://www.alexandriaarchive.org/icaz/pdf/members_general.pdf)
- Anthropology Southern Africa
- Historical Association of South Africa
- International Council on Monuments and Sites

REFEREES

Mr. S. Mokhanya (Provincial Head of Archaeology)
Eastern Cape Provincial Heritage Authority (ECPHRA)
Tel: 043 745 0888 (office hours)
E-mail: smokhanya@ecphra.org.za

Ms. Thingahangwi Tshivhase
South African Heritage Resources Agency (SAHRA)
Heritage Officer: BGG
Tel: 012 320 8490/ 4964 (office hours)
Email: Tshivhase@sahra.org.za

Prof. I. Pikirayi (Head of Anthropology and Archaeology Department)
University of Pretoria
Tel: 012 420 4661 (office hours)
E-mail: innocent.pikirayi@up.ac.za

Mrs. Portia Ramalamula
Limpopo Provincial Heritage Resources Authority (LIHRA)
Heritage Officer
Tel: 015 284 4039 (office hours)
Email: ramalamulap@sac.limpopo.gov.za





Curriculum Vitae of Francois Durand

Cell No: 083 235 7855

Email: francois.karst@yahoo.com

PERSONAL DETAILS

Full Names : Francois Durand
Nationality : South Africa
Gender : Male

ACADEMIC ACHIEVEMENTS

Qualification : PhD Palaeontology
Institution : University of Witwatersrand
Obtained : 1990

Qualification : BSc (Hons) Zoology
Institution : University of Witwatersrand
Obtained : 1984

Qualification : BSc Botany & Zoology
Institution : Rand Afrikaans University
Obtained : 1983

Qualification : Post-graduate Diploma in Museology
Institution : University of Pretoria
Obtained : 1993

Qualification : Higher Education Diploma
Institution : Rand Afrikaans University
Obtained : 2001

SPECIALIZATIONS

- Origin and evolution of mammals, early dinosaurs and cave fauna

CURRENT EMPLOYMENT

Organisation : University of Johannesburg, Zoology Department
Position held : Assistance Professor
Duration : 2018-present





Duties

: Lecturer

OTHER RELEVANT PROJECTS

- Urban development in Cradle of Humankind World Heritage Site (Gauteng):
 - Letamo, Honingklip, Windgat, Sundowners, Ekutheni
- Urban development at Goose Bay, Vereeniging, Gauteng
- Urban development on Portions 98, 99, 179, 236, 284 and 364 of the farm Waterkloof 306 JQ, Rustenburg, North West Province
- Upgrade of R21 between N12 and Hans Strydom Drive, Gauteng
- Vele Colliery, Limpopo Province
- De Wildt 50 MW Solar Power Station, Gauteng
- 10 MW PV Plant Potchefstroom, North West Province
- Omega 342 50MW Solar Power Station, Viljoenskroon, Free State
- Springfontein wind and solar energy facility, Free State
- Solar power plant, Bethal, Mpumalanga
- Diamond mine on Endora, Limpopo Province
- Development at Tubatse Ext.15, Limpopo Province
- Manganese mine south of Hotazel, Northern Cape
- Wind energy facility at Cookhouse, Eastern Cape
- Energy facility at Noupoot, Northern Cape
- Fluorspar mine near Wallmannsthal, Gauteng
- ESKOM power line, Dumo, KwaZulu-Natal
- ESKOM Gamma-Omega 765KV transmission line, Western Cape
- ESKOM 44KV power line at Elandspruit near Middelburg, Mpumalanga
- ESKOM Makopane Substation, Limpopo Province
- ESKOM Platreef Substation and power lines to Borutho MTS Substation, Limpopo Province
- Solar energy facility at Prieska, Northern Cape.
- Marang B - a 3 x 500MVA 400/132kV Main Transmission Substation east of Rustenburg, North West Province
- Upgrading of storm water infrastructure in Valencia, Addo, Eastern Cape
- Development of a 10 MW Solar Energy facility on the Farm Liverpool 543 KQ Portion 2 at Koedoeskop, Limpopo Province
- Development of a fluorspar mine at Wallmannsthal, North of Pretoria
- Extension of limestone mine on the farms Buffelskraal 554 KQ Portion1 and Krokodilkraal 545 KQ, Limpopo Province
- Lesego Platinum Mine, Sekhukhune Area, Steelpoort, Limpopo Province
- Mine at Hotazel, Northern Cape
- Pollution control dams at Transalloys in Clewer, Emalahleni, Mpumalanga
- Erection of spill points on the Farm Kwikstaart 431 KQ Portion 2, Thabazimbi, Limpopo Province
- Construction of dam at Ethemba, Swaziland
- Construction of bridge at Busingatha, KwaZulu Natal
- Water Reticulation System - Kei Road and Berlin General, Eastern Cape





- Development at Kromdraai, COHWHS (Portion 26 of the Farm Kromdraai, West Rand Municipality)
- Construction of Nhlezi Bridge, KwaZulu Natal
- Erection of spill point and dam on the Farm Faure 72 KQ Portion 8, Makoppa near Thabazimbi, Limpopo Province
- Colliery on the Farm Goedeheop near Piet Retief, Mpumalanga
- Erection of spill points on the Farm Diepwater 302 KQ Portions 4 -8 near Thabazimbi, Limpopo Province
- Construction of 2 MW photovoltaic power plant on the farm De Hoek 32, Pixley ka Seme District Municipality, Northern Cape Province
- Road upgrade near Magogo, KwaZulu/Natal
- Construction of haul road & waste dump: Lylyveld, Sishen, Northern Cape
- Construction of 4 weirs and a road culvert on Portion 3 of the Farm Roodekrans 133JT, Dullstroom Area, Mpumalanga
- Construction of a solar energy facility on Blaubospan near Groblershoop, Northern Cape
- Construction of road from Macengeni to Macijo, KwaZulu/Natal
- Construction of the John Taole Gaetsewe school and hostels in Dithakgong, Northern Cape
- Development at Duduza Township, Gauteng
- Construction of roads near Ndanyana KwaZulu/Natal
- Development of colliery on the farm Goedeheop near Piet Retief, Mpumalanga
- Construction of Tiger Solar power plant near Windsorton, Northern Cape
- Development of Amandelbult Open Cast Mine near Thabazimbi, Limpopo
- Development at The Shed in the Cradle of Humankind World Heritage Site
- Development of 800 ha dry lands on Farm Hoylesdale 163 KQ portion 1, Makoppa, Thabazimbi Local municipality, Limpopo Province
- Construction of solar energy facility on Blauwpospan near Groblershoop, Northern Cape.
- Development of the Doornhoek Fluorspar Mine near Zeerust, Northwest.
- Development on the Farm Haakdongdrift, 373 KQ Portion 3, Thabazimbi, Limpopo Province.
- Development of bulk sewer line, Motherwell, Eastern Cape.
- Erection of spill points on the Farm De Hoop, Koedoeskop, near Thabazimbi, Limpopo Province.
- Development of orchards on the Farm Kromdraai, near Thabazimbi, Limpopo Province.
- Upgrade of Section 3 and Section 4 of the National Route R75, Eastern Cape.
- Construction of Concentrated Power Plants at Olyvenhout Drift, Upington, Northern Cape.
- Borrow pit at New Payne in Mthatha, Eastern Cape.
- Borrow pit for rural road to Centuli Clinic, Eastern Cape.
- Juno Gromis 400kV power line (West Cape and North Cape).
- Barberton IAPS Waste Water Treatment Works, Barberton, Mpumalanga.
- Development of orchards on the Farm Kromdraai, Thabazimbi, Limpopo Province.
- Erection of spill points on the farm Knoppieskop, Limpopo Province.
- Development at O.R. Tambo International Airport, Gauteng.
- Development on Portion 12 of the Farm Tregaron in the Sundays River Municipality, Eastern Cape.
- Development of spill points and dam on the Farm Fairfield 306 KQ, Makoppa near Thabazimbi, Limpopo Province.
- Development at Erasmus Park (Waterkloof 378 JR), Pretoria, Gauteng.
- Development of shopping centre at Wright Park, Gauteng.
- Mining development on Thorncliffe and Helena Farms near Steelpoort, Sekhukhune District Municipality, Limpopo Province.





- Urban development at Pienaarspoort, Tshwane, Gauteng.
- Lydenburg-Merensky 132 kV Power Line within the Sekhukhune (Ward 31) and the Ehlanzeni (Wards 1, 5, 13) District Municipalities in the Limpopo and Mpumalanga Provinces.
- Mahikeng Main Transmission Substation and a 400kV Pluto-Mahikeng powerline, North West Province.
- Solar 1, Vryburg Solar 2 and Vryburg Solar 3 photovoltaic plants and associated electrical infrastructure, near Vryburg, in the North-West Province.
- Application for prospecting right on Portion 2 of the Farm Ganspan 194, Northwest Province.
- Mining development on the Farm Dutoitspan 119, Kimberley, Northern Cape.
- Development at De Bad, south of Schmidtsdrift, Northern Cape.
- The refurbishment of the existing 132kV powerline from the Oasis Substation at Keimoes to the Taaipit Substation at Kakamas, Northern Cape Province.
- Prospecting permit on Portion 11 of the farm Oersonskraal 250, between Bloemhof and Makwassie, North West Province.
- Application for mining right on the Farm Palmietfontein 208JP, near Pilanesberg, Moses Kotane Local Municipality, Bojanala District, Northwest Construction.
- Development on the Farm Rooifontein 1722, Kimberley, Northern Cape.
- Development on the Farm Gansfontein, Northwest Province.
- Development at the Door of Hope property, Johannesburg, Gauteng.
- Construction of SANBI building in the Botanical Gardens, Tshwane, Gauteng.
- Development on the Farm Biesiesputs south of Postmasburg, Northern Cape.
- Development on Farm At Last, west of Delpoortshoop, Northern Cape.
- Outfall Sewer North of Krugersdorp, Mogale Local Municipality, Gauteng.
- Maphutha – Witkop 400KV powerline within the Sekhukhune and Capricorn District Municipalities, Limpopo Province.
- Development of a Pecan Nut Orchard at the Spitskop Special Needs School, east of Thabazimbi, Limpopo.
- Development of dams on the Farm Doornspruit, Vaalwater, Limpopo Province.
- Development of a 16 ha cherry orchard on the Farm Rietfontein JQ 348 Portion 46, near Rustenburg, North West.
- Development of the Ashkam PV Plant in the Northern Cape.
- Development of the Evening Star Opencast Alluvial Diamond Mine and associated infrastructure.
- Deviation and refurbishment of the existing 132kV powerline from the Oasis substation to the Taaipit substation, Northern Cape Province.
- Application for mining right (diamonds) on the Farm Palmietfontein 208JP, near Pilanesberg, Moses Kotane Local Municipality, Bojanala District, Northwest.
- Construction of the Mahikeng Main Transmission Substation and a 400kV PlutoMahikeng powerline.
- Drilling and mining related activities for Makhado Colliery, Vhembe District Municipality, Limpopo Province.
- Development of a 150 PV Solar Energy Facility on Portion 2 of Farm Roode Pan in Orania, Northern Cape.
- Proposed development on the Farm Rebelsvlei, Kirkwood, Eastern Cape.
- Development of the De Villiers 22 kV power line, near Douglas, Northern Cape.

PAST WORK EXPERIENCE





Organisation : University of Johannesburg, Zoology Department
Position held : Senior Lecture
Duration : 2005-2017
Duties : Lecturer

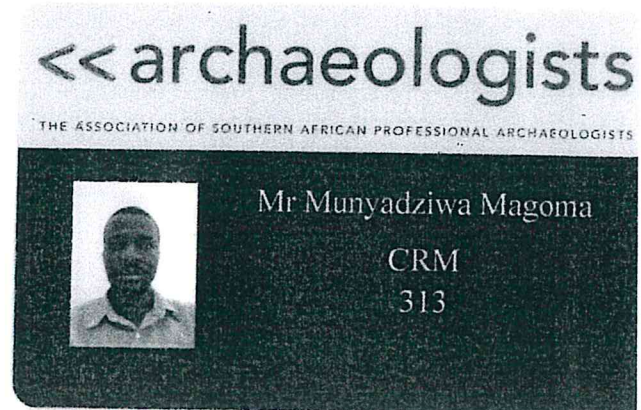
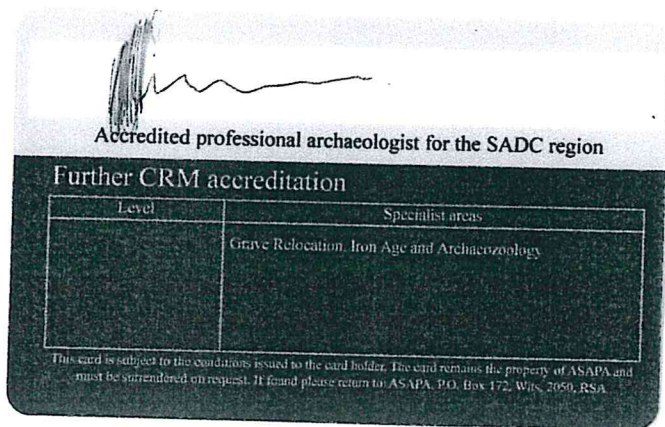
Organisation : Rand Afrikaans University, Zoology Department
Position held : Assistance Professor
Duration : 1998-2004
Duties : Lecturer

Organisation : Council for Geosciences
Position held : Palaeontologist
Duration : 1988-1997
Duties :

ACCREDITATION


- Palaeontological Society of Southern Africa (1986-present)
- Member of Research Committee of the Cancer Association of South Africa (2010-2011)
- Member of the Suid-Afrikaanse Akademie vir Wetenskap en Kuns (1998-present)
- Appointed by the Minister of the Department of Arts, Culture, Science and Technology to serve on the board of the Foundation for Education, Science and Technology (1996-1999)
- Registered Professional Natural Scientist (Earth Science & Zoological Science) with the South African Council for Natural Scientific Professions





EK CERTIFISEER DAT HIERDIE DOKUMENT 'N WARE AFDRUK (AFSKRIF) IS VAN DIE OORSPRONKLIKE DOKUMENT WAT AAN MY VIR WAARNEMING VOORGELE IS. EK CERTIFISEER VERDER DAT, VOLGENS MY WAARNEMINGS DAAR NIE 'N WYSGING OF VERANDERING OP DIE OORSPRONKLIKE DOKUMENT AANGEBRING IS NIE.

I CERTIFY THAT THIS IS A TRUE REPRODUCTION (COPY) OF THE ORIGINAL DOCUMENT WHICH WAS HANDLED TO ME FOR AUTHENTICATION. I FURTHER CERTIFY THAT FROM MY OBSERVATIONS, AN AMENDMENT OR A CHANGE WAS NOT MADE TO THE ORIGINAL DOCUMENT.

HANDTEKENING
SIGNATURE.....

MAGSNOMMER
FORCE NUMBER.....71991816.....RANG
RANK.....A/C

NAAM IN DRUKSKRIF
NAME IN PRINT.....Munyadziwa Magoma



SACNASP

South African Council for Natural Scientific Professions

herewith certifies that

Jacobus Francois Durand

Registration Number: 400095/05

is a registered scientist

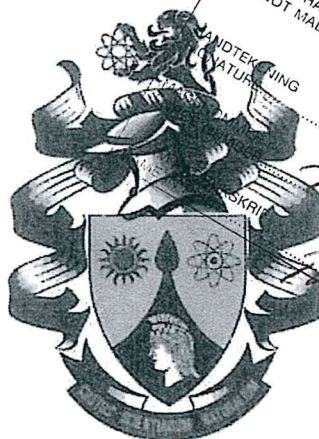
in terms of section 20(3) of the Natural Scientific Professions Act, 2003
(Act 27 of 2003)

in the following field(s) of practice (Schedule 1 of the Act)

Earth Science (Professional Natural Scientist)
Zoological Science (Professional Natural Scientist)

Effective **16 August 2005**

Expires **31 March 2022**



[Signature]

Chairperson

[Signature]
2991816
[Signature]
RANG
RANK
[Signature]

Chief Executive Officer



To verify this certificate scan this code



Professional Services Contract
Task Instruction

Contract Nr: 4600063344
PO: 4503067785

TITLE OF THE CONTRACT: Provision of Heritage Specialist service (Archaeologist and Palaeontologist) for Kendal continuous Ash Disposal Facility Project at Kendal Power Station.

Consultant: Vhubvo Archaeo-Heritage Consultants	FOR: Heritage Specialist Service (Archaeologist and Palaeontologist)
Contact Person: Mnyadziwa Magoma	Eskom Contact Person: Vusi Mlandu
Address: 546 16 th Road, Building No 2 Constantia Park; Midrand	Address: Kendal Power Station, GCD Telephone No.: 082 325 3508 Email: MlanduV@eskom.co.za
Telephone No.: 011 312 2878	FOR e.g.: Heritage Specialist Service (Archaeologist and Paleontologist)
Fax No.: 011 312 7824	Eskom Contact Person:
	Address: Kendal Power Station, GCD Telephone: 082 325 3508 / 013 690 0567 Email: MlanduV@eskom.co.za

THE TASK IS: Kendal Power Station ADF Project Heritage Specialist Service ((Archaeologist and Palaeontologist)

The Employer is represented for this Task by:	Vusi Mlandu
	Address: Kendal Power Station, GCD
	Telephone No.: 082 325 3508 / 013 690 0567

Please carry out the Task in accordance with the terms of reference for proposal documents, as well as the Data, stated in this Task instruction.

Activities selected from the Price List for this Task		Unit	Qty	Rate	Price
Item	Description				
	As per annexure A				
Total for this Task (excl VAT)					

The Task starting date 8 March 2021
is: _____

The Task completion date 30 April 2022
is: _____

DELIVERABLES :
from service provider on
completion of each Task Order

Archaeologist service

- Inspection to be undertaken on possible gravesite identified.
- Further, assess the whole project area for possible graves/ heritage site that might impact on the development.
- If required, ensure a heritage permit is obtained from South African Heritage Resource Agency (SAHRA) and other relevant authorities.
- Ensure that the local South African Police Services is immediately notified of the find.
- Where it is recommended that the graves be relocated, facilitate a full grave relocation process that includes comprehensive social consultation process. The grave relocation process must include:

- A detailed social consultation process, that will trace the next-of-kin and obtain their consent for the relocation of the graves, that will be at least 60 days in length;
- Site notices indicating the intent of the relocation;
- Newspaper notices indicating the intent of the relocation;
- A permit from the local authority;
- A permit from the Provincial Department of Health;
- A permit from the South African Heritage Resources Agency, if the graves are older than 60 years or unidentified and thus presumed older than 60 years;
- An exhumation process that keeps the dignity of the remains intact;
- The whole process must be done by a reputable company that is well versed in relocations;
- The exhumation process must be conducted in such a manner as to safeguard the legal rights of the families as well as that of the developing company.
- Keep records in terms of the heritage site to be disturbed prior and during the construction phase.
- Liaise with the authorities where they are to be notified or invited to site or prior notice is required in terms of the National Resources Heritage Act.
- During the construction phase, recognise any significant material being unearthed, and to make the correct judgment on which actions should be taken.
- Attend all relevant meetings, especially when changes in design are discussed, and liaise with SAHRA.
- Compile an archaeological monitoring programme.
- Submit comprehensive feedback reports to the client and SAHRA to ensure effective monitoring.

Palaeontologist services

- During construction, the Consultant will be required to inspect excavated areas and confirm if excavations have affected the bedrock into the Vryheid Formation.
- If required, obtain a palaeontological rescue and/or destruction permit.
- Compile a report and submit to the Heritage Authority.
- Keep records in terms of the palaeontological site to be disturbed prior and during the construction phase.
- During the construction phase, recognise any significant material being unearthed, and to make the correct judgment on which actions should be taken.
- Attend all relevant meetings, especially when changes in designs are discussed.
- If applicable, the palaeontologist must compile a Phase 1 report to the Heritage Authority.

- Submit comprehensive feedback reports to the Client.

Note 1: This person does not have to be a permanent employee, but needs to attend relevant inspections, meetings, for example, when changes in Engineering designs are discussed, and notify SAHRA of these changes. Also note that this contract is more on a as and when required basis

Monthly time sheets with pro-forma invoice needs to be submitted before 20th of each month to the Employer's Agent.

PROJECT SPECIFIC TERMS AND CONDITIONS

X1: Price adjustment for inflation

X2: Changes in the law

X7: Delay damages

X9: Transfer of rights

X10: Employer's Agent

X11: Termination by the Employer

X12: Partnering

X18: Limitation of liability

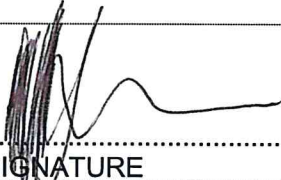


Z: Additional conditions of contract

* Transfer of rights, Option X9

X9.1 The Employer owns the Consultant's rights over material prepared for this contract by the Consultant except as stated otherwise in the Scope. The Consultant obtains other rights for the Employer as stated in the Scope and obtains from Sub-consultant equivalent rights for the Employer over the material prepared by the Sub-consultant. The Consultant provides to the Employer the documents which transfer these rights to the Employer.

* Termination

As per Clause 9 stipulated in NEC3 Professional Services Contract orange book.

Accepted by the Consultant: Munyadziwa Magoma	 SIGNATURE	10/03/2021 DATE
Employer: Thulani Nene	 SIGNATURE	05/03/2021 DATE
Employer: Vusi Mlandu	 SIGNATURE	05/03/2021 DATE