



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

	(For official use only)
File Reference Number:	12/12/20/
NEAS Reference Number:	DEAT/EIA/
Date Received:	

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2010

PROJECT TITLE

Proposed Tubatse Strengthening Phase 1 – Senakangwedi B Integration

Kindly note that:

1. This application form is current as of 2 August 2010. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
2. The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
3. Where applicable **black out** the boxes that are not applicable in the form.
4. Incomplete applications may be returned to the applicant for revision.
5. The use of the phrase "not applicable" in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the Regulations.
6. This application must be handed in at the offices of the relevant competent authority as determined by the Act and regulations.
7. No faxed or e-mailed applications will be accepted.
8. Unless protected by law, all information filled in on this application will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this application on request, during any stage of the application process.
9. Should a specialist report or report on a specialised process be submitted at any stage for any part of this application, the terms of reference for such report must also be submitted.

Queries must be addressed to the contact hereunder:

Departmental Details

Postal address:

Department of Environmental Affairs
Attention: Director: Environmental Impact Evaluation
Private Bag X447
Pretoria
0001

Physical address:

Department of Environmental Affairs
Fedsure Forum Building (corner of Pretorius and Van der Walt Streets)
2nd Floor North Tower
315 Pretorius Street
Pretoria
0002

Queries should be directed to the Directorate: Environmental Impact Evaluation at:

Tel: 012-310-3268
Fax: 012-320-7539

Please note that this form must be copied to the relevant provincial environmental department/s.

View the Department's website at <http://www.deat.gov.za> for the latest version of the documents.

SITE IDENTIFICATION AND LINKAGE

Please indicate all the Surveyor-general 21 digit site (erf/farm/portion) reference numbers for all sites (including portions of sites) that are part of the application.



(if there are more than 6, please attach a list with the rest of the numbers). Refer to **Annexure 1** for the Surveyor-general 21 digit site reference numbers and **Annexure 2** for the Locality Map.

(These numbers will be used to link various different applications, authorisations, permits etc. that may be connected to a specific site)

PROJECT TITLE

Proposed Tubatse Strengthening Phase 1 – Senakangwedi B Integration

1. BACKGROUND INFORMATION

Project applicant:	Eskom Holdings SOC Limited		
Trading name (if any):	Not Applicable		
Contact person:	Letsholathebe Archibold Mogokonyane		
Physical address:	1 Maxwell Drive, Megawatt Park, Sunninghill, Johannesburg		
Postal address:	P.O. BOX 1091, Johannesburg		
Postal code:	2001	Cell:	082 466 6022
Telephone:	011 800 3778	Fax:	011 800 3917
E-mail:	MogokoA@eskom.co.za		

Provincial Authority:	Limpopo Department of Economic Development, Environment and Tourism		
Contact person:	Juliet Mukhari		
Postal address:	P.O. Box 55464, Polokwane		
Postal code:	0699	Cell:	082 947 7783
Telephone:	015 290 7072	Fax:	015 295 5015
E-mail:	mukharigj@ledet.gov.za		
Landowner:			
Contact person:			
Postal address:			
Postal code:		Cell:	
Telephone:		Fax:	
E-mail:			

In instances where there is more than one landowner, please attach a list of landowners with their contact details to this application.

Local authority in whose jurisdiction the proposed activity will fall:	Greater Tubatse Local Municipality		
Nearest town or districts:	Burgersfort		
Contact person:	Seforo John Sekgobela		
Postal address:	P.O. Box 206, Burgersfort,		
Postal code:	1150	Cell:	082 403 5238
Telephone:	013 231 1200	Fax:	013 231 74 67
E-mail:	sjsekgobela@tubatse.gov.za		

In instances where there is more than one local authority involved, please attach a list of local authorities with their contact details to this application.

2. ACTIVITIES APPLIED FOR TO BE AUTHORISED

2.1 For an application for authorisation that involves more than one listed or specified activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indicated.

Indicate the number and date of the relevant notice: Activity No (s) (in terms of the relevant notice) : Describe each listed activity as per project description¹:

544	11(iii,v, xi)	<p>The construction of:</p> <ul style="list-style-type: none"> (i) canals; (ii) channels; (iii) bridges; (iv) dams; (v) weirs; (vi) bulk stormwater outlet structures; (vii) marinas; (viii) jetties exceeding 50m² in size; (ix) slipways exceeding 50m² in size; (x) buildings exceeding 50m² in size; or (xi) infrastructure or structures covering 50m² or more <p>where such construction occurs within a watercourse or within 32m of a watercourse, measured from the edge of a watercourse, excluding where such construction will occur behind the development setback line.</p> <p>This listing is applicable only in certain special areas, namely within a distance from a watercourse. The study area contains number of wetlands, rivers and other watercourses that may be affected depending on the route alternative selected for the transmission lines. Once the preferred alternative is identified the applicability of this activity will be reviewed and presented in the EIA phase.</p>
544	13	<p>The construction of facilities or infrastructure for the storage, or for the storage and handling, of a dangerous good, where such storage occurs in containers with a combined capacity of 80 but not exceeding 500 cubic metres.</p> <p>It is understood that the construction phase of the project may include provision for the storage and handling of fuels, oils and other dangerous goods.</p>
544	18 (i)	<p>The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock from</p> <ul style="list-style-type: none"> (i) a watercourse; <p>But excluding where such infilling, depositing, dredging, excavation, removal or moving</p> <ul style="list-style-type: none"> (i) is for maintenance purposes undertaken in accordance with a management plan agreed to by the relevant environmental authority; or (ii) occurs behind the development setback line.

		<p>During construction it is anticipated that the proposed project will involve the infilling and removal of material into the watercourse/streams for crossing purposes. (Some of the listed activities might not be applicable, however, this will be determined and clarified as the EIA process progresses)</p>
544	22 (i, ii)	<p>The construction of a road, outside urban areas, (i) with a reserve wider than 13,5 meters or, (ii) where no reserve exists where the road is wider than 8 metres, or (iii) for which an environmental authorisation was obtained for the route determination in terms of activity 5 in Government Notice 387 of 2006 or activity 18 in Notice 545 of 2010.</p> <p>It is understood that there may be a requirement to widen or lengthen existing access roads for the purposes of the construction and operation of the proposed project.</p>
544	23	<p>The transformation of undeveloped, vacant or derelict land to- (ii) residential, retail, commercial, recreational, industrial, or institutional use, outside an urban area and where the total area to be transformed is bigger than 1 hectare but less than 20 hectares;- except where such transformation takes place for linear activities.</p> <p>The proposed project will involve the transformation of vacant land for the construction of a new transmission line.</p>
544	24	<p>The transformation of land bigger than 1000 square metres in size, to residential, retail, commercial, industrial or institutional use, where, at the time of the coming into effect of this Schedule such land was zoned open space, conservation or had an equivalent zoning.</p> <p>The proposed project will involve the transformation of land bigger than 1000 square metres for the construction of a new transmission line.</p>
544	26	<p>Any process or activity identified in terms of Section 53(1) of the National Environmental Management: Biodiversity Act, 2004 (Act No.10 of 2004).</p> <p>The proposed study area includes various wetlands and streams and may include other sensitive biodiversity. The applicability of this listed activity will be confirmed during the EIA process.</p>
544	37	<p>The expansion of facilities or infrastructure for the bulk transportation of water, sewage or storm water where: (a) the facility or infrastructure is expanded by more than 1000 metres in length; or (b) where the throughput capacity of the facility or infrastructure will be increased by 10 percent or more excluding where such expansion: (i) relates to transportation of water, sewage or storm water within a road reserve; or (ii) where such expansion will occur within urban areas but further than 32 metres from a watercourse, measured from the edge of the watercourse.</p> <p>It is anticipated that during construction of the facility stormwater facilities will be constructed or upgraded as well. (Some of the listed activities might not be applicable, however, this will be determined and clarified as the EIA process progresses)</p>
544	39 (iii, iv,v)	The expansion of

		<p>(i) canals; (ii) channels; (iii) bridges; (iv) weirs; (v) bulk storm water outlet structures; (vi) marinas; within a watercourse or within 32 metres of a watercourse, measured from the edge of a watercourse, where such expansion will result in an increased development footprint but excluding where such expansion will occur behind the development setback line.</p> <p>The study area contains number of wetlands, rivers and other watercourses that may be affected depending on the route alternative selected for the transmission lines. Once the preferred alternative is identified the applicability of this activity will be reviewed and presented in the EIA phase.</p>
544	40 (i)	<p>The expansion of (i) jetties by more than 50 square metres; (ii) slipways by more than 50 square metres; or (iii) buildings by more than 50 square metres within a watercourse or within 32 metres of a watercourse, measured from the edge of a watercourse, but excluding where such expansion will occur behind the development setback line.</p> <p>The study area contains number of wetlands, rivers and other watercourses that may be affected depending on the route alternative selected for the transmission lines. Once the preferred alternative is identified the applicability of this activity will be reviewed and presented in the EIA phase. (Some of the listed activities might not be applicable, however, this will be determined and clarified as the EIA process progresses)</p>
544	47	<p>The widening of a road by more than 6 metres, or the lengthening of a road by more than 1km- i) where the existing reserve is wider than 13,5m; or ii) where no reserve exists, where the existing road is wider than 8m.</p> <p>excluding widening or lengthening occurring inside urban areas.</p> <p>It is understood that there may be a requirement to widen or lengthen existing access roads for the purposes of the construction and operation of the proposed project.</p>
546	4 (ii)	<p>The construction of a road wider than 4 metres with a reserve less than 13, 5 metres.</p> <p>ii. Outside urban areas, in: (aa) A protected area identified in terms of NEMPAA, excluding conservancies; (bb) National Protected Area Expansion Strategy Focus areas; (cc) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority; (dd) Sites or areas identified in terms of an International Convention; (ee) Critical biodiversity areas as identified in Systematic biodiversity plans adopted by the competent authority or in bioregional plans; (ff) Core areas in biosphere reserves;</p>

		<p>(gg) Areas within 10 kilometres from national parks or world heritage sites or 5 kilometres from any other protected area identified in terms of NEMPAA or from the core areas of a biosphere reserve;</p> <p>It is understood that there may be a requirement to widen or lengthen existing access roads for the purposes of the construction and operation of the proposed project. (Some of the listed activities might not be applicable, however, this will be determined and clarified as the EIA process progresses)</p>
545	8	<p>The construction of facilities or infrastructure for the transmission and distribution of electricity with a capacity of 275 kilovolts or more, outside an urban area or industrial complex.</p> <p>The project includes construction of a new Senakangwedi B 400/275kV substation and both 400 and 275kV loop in Powerlines.</p>
546	10 (ii)	<p>The construction of facilities or infrastructure for the storage, or storage and handling of a dangerous good, where such storage occurs in containers with a combined capacity of 30 but not exceeding 80 cubic metres.</p> <p>ii. Outside urban areas, in:</p> <p>(aa) A protected area identified in terms of NEMPAA, excluding conservancies;</p> <p>(bb) National Protected Area Expansion Strategy Focus areas;</p> <p>(cc) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority;</p> <p>(dd) Sites or areas identified in terms of an International Convention;</p> <p>(ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans;</p> <p>(ff) Core areas in biosphere reserves;</p> <p>(gg) Areas within 10 kilometres from national parks or world heritage sites or 5 kilometres from any other protected area identified in terms of NEMPAA or from the core areas of a biosphere reserve;</p> <p>(ii) Areas on the watercourse side of the development setback line or within 100 metres from the edge of a watercourse where no such setback line has been determined;</p> <p>It is understood that the construction phase of the project may include provision for the storage and handling of fuels, oils and other dangerous goods. (Some of the listed activities might not be applicable, however, this will be determined and clarified as the EIA process progresses)</p>
546	12	<p>The clearance of an area of 300 square metres or more of vegetation where 75% or more of the vegetative cover constitutes indigenous vegetation.</p> <p>The construction of the proposed transmission line will involve the clearing of vegetation for the final preferred route (tower footprints and vegetation clearing heights).</p>
546	13 (ii)	<p>The clearance of an area of 1 hectare or more of vegetation</p>

		<p>where 75% or more of the vegetative cover constitutes indigenous vegetation, except where such removal of vegetation is required for:</p> <p>(1) the undertaking of a process or activity included in the list of waste management activities published in terms of section 19 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008), in which case the activity is regarded to be excluded from this list.</p> <p>(2) the undertaking of a linear activity falling below the thresholds mentioned in Listing Notice 1 in terms of GN No. 544 of 2010.</p> <p>ii. Outside urban areas, the following:</p> <p>(aa) A protected area identified in terms of NEMPAA, excluding conservancies;</p> <p>(bb) National Protected Area Expansion Strategy Focus areas;</p> <p>(cc) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority;</p> <p>(dd) Sites or areas identified in terms of an International Convention;</p> <p>(ee) Core areas in biosphere reserves;</p> <p>(ff) Areas within 10 kilometres from national parks or world heritage sites or 5 kilometres from any other protected area identified in terms of NEMPAA or from the core area of a biosphere reserve;</p> <p>The construction of the proposed transmission line will involve the clearing of vegetation for the final preferred route (tower footprints and vegetation clearing heights). (Some of the listed activities might not be applicable, however, this will be determined and clarified as the EIA process progresses)</p>
546	14. i	<p>The clearance of an area of 5 hectares or more of vegetation where 75% or more of the vegetative cover constitutes indigenous vegetation, except where such removal of vegetation is required for:</p> <p>(1) purposes of agriculture or afforestation inside areas identified in spatial instruments adopted by the competent authority for agriculture or afforestation purposes;</p> <p>(2) the undertaking of a process or activity included in the list of waste management activities published in terms of section 19 of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) in which case the activity is regarded to be excluded from this list;</p> <p>(3) the undertaking of a linear activity falling below the thresholds in Notice 544 of 2010.</p> <p>i. All areas outside urban areas.</p> <p>The construction of the proposed transmission line will involve the clearing of vegetation for the final preferred route (tower footprints and vegetation clearing heights). (Some of the listed activities might not be applicable, however, this will be determined and clarified as the EIA process progresses)</p>
546	16 (i)ii	<p>The construction of:</p> <p>(i) jetties exceeding 10 square metres in size;</p> <p>(ii) slipways exceeding 10 square metres in size;</p> <p>(iii) buildings with a footprint exceeding 10 square metres in</p>

		<p>size; or (iv) infrastructure covering 10 square metres or more where such construction occurs within a watercourse or within 32 metres of a watercourse, measured from the edge of a watercourse, excluding where such construction will occur behind the development setback line.</p> <p>ii. Outside urban areas, in:</p> <p>(aa) A protected area identified in terms of NEMPAA, excluding conservancies;</p> <p>(bb) National Protected Area Expansion Strategy Focus areas;</p> <p>(cc) World Heritage Sites;</p> <p>(dd) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority;</p> <p>(ee) Sites or areas identified in terms of an International Convention;</p> <p>(ff) Critical biodiversity areas or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans;</p> <p>(gg) Core areas in biosphere reserves;</p> <p>(hh) Areas within 10 kilometres from national parks or world heritage sites or 5 kilometres from any other protected area identified in terms of NEMPAA or from the core area of a biosphere reserve;</p> <p>The study area contains number of wetlands, rivers and other watercourses that may be affected depending on the route alternative selected for the transmission lines. Once the preferred alternative is identified the applicability of this activity will be reviewed and presented in the EIA phase. (Some of the listed activities might not be applicable, however, this will be determined and clarified as the EIA process progresses)</p>
546	19 (ii)	<p>The widening of a road by more than 4 metres, or the lengthening of a road by more than 1 kilometre.</p> <p>ii. Outside urban areas, in:</p> <p>(aa) A protected area identified in terms of NEMPAA, excluding conservancies;</p> <p>(bb) National Protected Area Expansion Strategy Focus areas;</p> <p>(cc) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority;</p> <p>(dd) Sites or areas identified in terms of an International Convention;</p> <p>(ee) Critical biodiversity areas or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans;</p> <p>(ff) Core areas in biosphere reserves;</p> <p>(gg) Areas within 10 kilometres from national parks or world heritage sites or 5 kilometres from any other protected area identified in terms of NEMPAA or from the core area of a biosphere reserve;</p> <p>(ii) Areas on the watercourse side of the development setback line or within 100 metres from the edge of a watercourse where no such setback line has been determined.</p> <p>It is understood that there may be a requirement to widen or lengthen existing access roads for the purposes of the construction and operation of the proposed project. (Some of the listed activities might not be applicable,</p>

		however, this will be determined and clarified as the EIA process progresses)
546	24 (a)ii	<p>The expansion of</p> <p>(a) jetties where the jetty will be expanded by 10 square metres in size or more;</p> <p>(b) slipways where the slipway will be expanded by 10 square metres or more; (c) buildings where the buildings will be expanded by 10 square metres or more in size; or</p> <p>(d) infrastructure where the infrastructure will be expanded by 10 square metres or more where such construction occurs within a watercourse or within 32 metres of a watercourse, measured from the edge of a watercourse, excluding where such construction will occur behind the development setback line.</p> <p>ii. Outside urban areas, in:</p> <p>(aa) A protected area identified in terms of NEMPAA, excluding conservancies;</p> <p>(bb) National Protected Area Expansion Strategy Focus areas;</p> <p>(cc) Sensitive areas as identified in an environmental management framework as contemplated in chapter 5 of the Act and as adopted by the competent authority;</p> <p>(dd) Sites or areas identified in terms of an International Convention;</p> <p>(ee) Critical biodiversity areas or ecosystem service areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans;</p> <p>(ff) Core areas in biosphere reserves;</p> <p>(gg) Areas within 10 kilometres from national parks or world heritage sites or 5 kilometres from any other protected area identified in terms of NEMPAA or from the core area of a biosphere reserve;</p> <p>The study area contains number of wetlands, rivers and other watercourses that may be affected depending on the route alternative selected for the transmission lines. Once the preferred alternative is identified the applicability of this activity will be reviewed and presented in the EIA phase. (Some of the listed activities might not be applicable, however, this will be determined and clarified as the EIA process progresses).</p>
546, 18 June 2010	10	<p>The construction of a road wider than 4 metres with a reserve less than 13.5 metres.</p> <p>(a) In Limpopo</p> <p>(ii) outside urban areas, in:</p> <p>(ee) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority or in bioregional plans</p>

Please note that any authorisation that may result from this application will only cover activities specifically applied for.

2.2 A project schedule, indicating the different phases and timelines of the project, must be attached to this application form. Refer to **Annexure 3** for the Project Schedule.

¹ Please note that this description should not be a verbatim repetition of the listed activity as contained in the relevant Government Notice, but should be a brief description of activities to be undertaken as per the project description

3. OTHER AUTHORISATIONS REQUIRED

3.1 DO YOU NEED ANY AUTHORISATIONS IN TERMS OF ANY OF THE FOLLOWING LAWS?

3.1.1 National Environmental Management: Waste Act	No
3.1.2 National Environmental Management: Air Quality Act	No
3.1.3 National Environmental Management: Protected Areas Act	No
3.1.4 National Environmental Management: Biodiversity Act	No
3.1.5 National Environmental Management: Integrated Coastal Management Act ²	No
3.1.6 National Water Act	Yes
3.1.7 National Heritage Resources Act	No
3.1.8 Mineral Petroleum Development Resources Act	No
3.1.9 Other (please specify)	No
3.2 Have such applications been lodged already?	No

² Where an environmental authorization in terms of chapter 5 of the National Environmental Management Act is required for coastal activities, the competent authority must take into account all the relevant factors including those listed in section 63(1) of the National Environmental Management: Integrated Coastal Management Act.

4. DECLARATIONS

4.1 The Applicant

I, _____, declare that I -

am, or represent³, the applicant in this application;

have appointed / will appoint (delete that which is not applicable) an environmental assessment practitioner to act as the independent environmental assessment practitioner for this application / will obtain exemption from the requirement to obtain an environmental assessment practitioner⁴;

will provide the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application;

will be responsible for the costs incurred in complying with the Environmental Impact Assessment Regulations, 2010, including but not limited to –

- costs incurred in connection with the appointment of the environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
- costs incurred in respect of the undertaking of any process required in terms of the Regulations;
- costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
- costs in respect of specialist reviews, if the competent authority decides to recover costs; and
- the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the competent authority;

will ensure that the environmental assessment practitioner is competent to comply with the requirements of these Regulations and will take reasonable steps to verify whether the EAP complies with the Regulations;

will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the competent authority in this regard;

am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;

hereby indemnify the Government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant or environmental assessment practitioner is responsible for in terms of these Regulations;

will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these Regulations;

will perform all other obligations as expected from an applicant in terms of the Regulations;

³ If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

⁴ If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.

all the particulars furnished by me in this form are true and correct; and
I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms
of section 24F of the Act.

Signature of the applicant⁵/ Signature on behalf of the applicant:

Name of company (if applicable):

Date:

⁵ If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority. An EAP may not sign on behalf of an applicant.